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OpenOffice.org 2.x
Impress Guide

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Chapter 1

Introducing Impress

Impress is OpenOffice.org's presentations (slide show) component. You can create slides that contain many different elements, including text, bulleted and numbered lists, tables, charts, clip art, and a wide range of graphic objects. Impress, in common with the other components of OpenOffice.org, has access to the spelling checker and thesaurus and comes with pre-packaged text styles, background styles, and a handy online help.

This chapter introduces the Impress user interface and describes how to create a simple slide show using the Presentation Wizard.

To use Impress for more than very simple slide shows, refer to the other chapters in this guide for explanations of the program's many features.

Note Drawings are created in the same way with Impress as they are with Draw. Refer to the *Draw Guide* for details on how to use the drawing facilities.

Parts of the main Impress window

The main Impress window (Figure 1) has three parts: the *Slides pane*, the *Workspace*, and the *Tasks pane*. Additionally, several toolbars can be displayed or hidden during the creation of a presentation.

Tip You can remove the *Slides pane* or *Tasks pane* from view by clicking the *X* in the upper right corner. You can also show or hide these panes using **View > Slide Pane** or **View > Tasks Pane**.

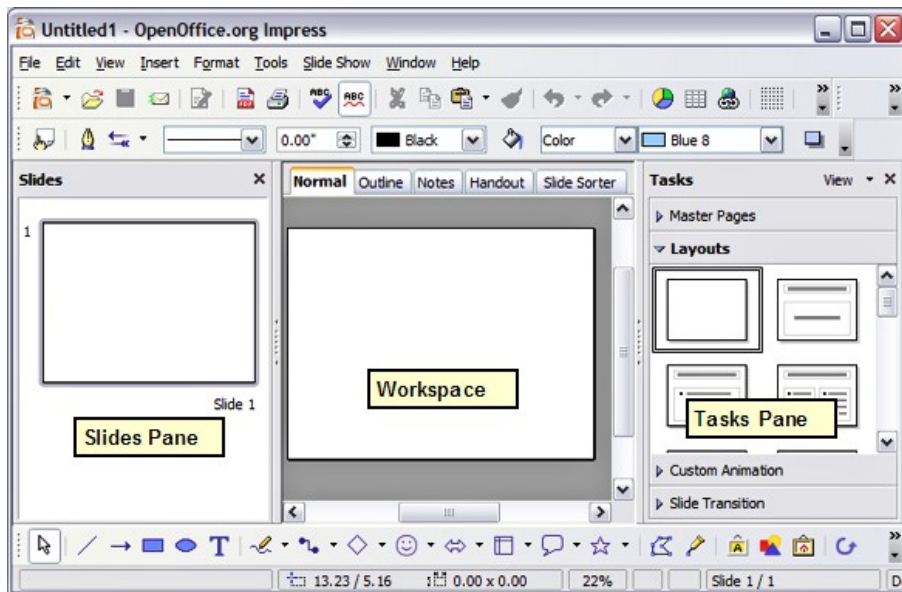


Figure 1: Main window of Impress

Slides pane

The *Slides pane* contains thumbnail pictures of the slides in your presentation, in the order they will be shown (unless you change the order, as described in Chapter 9). Clicking a slide in this pane selects it and places it in the *Workspace*. While it is there, you can apply any changes desired to that particular slide.

Several additional operations can be performed on one or more slides in the Slides pane:

- Add new slides at any place within the presentation after the first slide.
- Mark a slide as hidden so that it will not be shown as part of the slide show.
- Delete a slide from the presentation if it is no longer needed.
- Rename a slide.
- Copy or move the contents of one slide to another (copy and paste, or cut and paste, respectively).

It is also possible to perform the following operations, although there are more efficient methods than using the Slides pane as you will see in this chapter.

- Change the slide transition following the selected slide or after each slide in a group of slides.
- Change the sequence of slides in the presentation.

- Change the slide design. (A window opens allowing you to load your own design.)
- Change slide layout for a group of slides simultaneously. (This requires using the Layouts section of the Tasks pane.)

Tasks pane

The *Tasks pane* has four sections:

- *Master pages*: Here you define the page style for your presentation. Impress contains five pre-packaged master pages (slide masters). One of them—Default—is blank, while the rest have a background.

Tip Press *F11* to open the *Styles and Formatting* window, where you can modify the styles used in any *slide master* to suit your purposes. This can be done at any time. See Chapter 2 for more information.

- *Layout*: Twenty pre-packaged layouts are shown. You can choose the one you want, use it as it is or modify it to your own requirements. At present it is not possible to create custom layouts.
- *Custom Animation*: This section contains a variety of animation effects that can be applied at any time to selected elements of a slide.
- *Slide Transition*: Fifty-six transitions are available, including *No Transition*. You can select the transition speed (slow, medium, fast). You can also choose between an automatic or manual transition, and for how long you want the selected slide to be shown (automatic transition only).

Workspace

The *Workspace* has five tabs: **Normal**, **Outline**, **Notes**, **Handout**, and **Slide Sorter**, as seen in Figure 1. These five tabs are called **View Buttons**. There are also many toolbars that can be used during slide creation; they are revealed by selecting them with **View > Toolbars**. The actual *Workspace* section is below the View Buttons. This is where you assemble the various parts of your selected slide.


Each view is designed to ease the completion of certain tasks. In summary:

- *Normal view* is the main view for creating individual slides. Use this view to format and design slides and to add text, graphics, and animation effects.
- *Outline view* shows topic titles, bulleted lists, and numbered lists for each slide in outline format. Use this view to rearrange the order of slides, edit titles and headings, rearrange the order of items in a list, and add new slides.
- *Notes view* lets you add notes to each slide that are not seen when the presentation is shown.

- *Slide Sorter view* shows a thumbnail of each slide in order. Use this view to rearrange the order of slides, produce a timed slide show, or add transitions between selected slides.
- *Handout view* lets you print your slides for a handout. You can choose one, two, three, four, or six slides per page from **Task pane > Layouts**. Thumbnails can be re-arranged in this view by dragging and dropping them.

Normal view

There are two ways to place a slide in the Slide Design area of the Normal view: clicking the slide thumbnail in the Slides pane or using the Navigator.

To open the Navigator, click the **Navigator** button in the Standard Toolbar  or press *Ctrl+Shift+F5* and select a slide by scrolling down the Navigator list until you find the one you want and then double-click it. For more about using the Navigator, see page 9.

Outline view

Outline view contains all of the slides of the presentation in their numbered sequence. Only the text in each slide is shown. Slide names are not included.

Outline view serves at least two purposes.

- 1) Making changes in the text of a slide:
 - You can add or delete text in a slide just as you can in the Normal view.
 - You can move the paragraphs of text in the selected slide up or down by using the up and down arrow buttons (Move Up or Move Down) on the Text Formatting toolbar (Figure 2).
 - You can change the outline level for any of the paragraphs in a slide using the left and right arrow buttons (Promote or Demote).
 - You can both move a paragraph and change its outline level using a combination of these four arrow buttons.
- 2) Comparing the slides with your outline (if you have prepared one in advance). If you notice from your outline that another slide is needed, you can create it directly in the Outline view or you can return to the Normal view to create it, then return to review all the slides against your outline in the Outline view.



Figure 2: Arrow buttons

If a slide is not in the correct sequence, you can move it to its proper place.

- a) Click the slide icon of the slide you wish to move, as indicated in Figure 3.
- b) Drag and drop it where you want it.

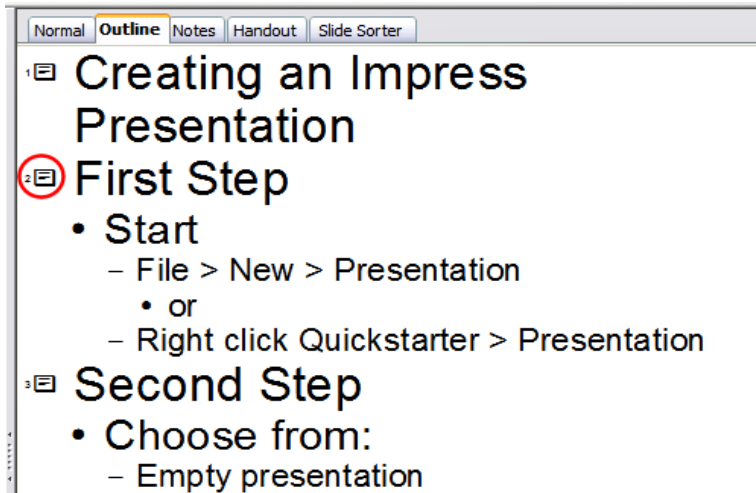


Figure 3: Outline view

Notes view

Use the Notes view to add notes to a slide:

- 1) Click the **Notes** tab in the Workspace (Figure 4).

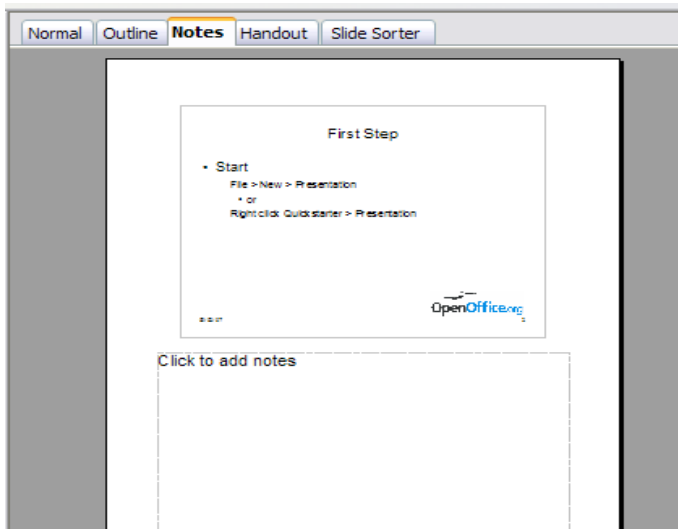


Figure 4: Adding notes in Notes View

- 2) Select the slide to which you will add notes.
 - Double-click the slide in the Slide pane, or
 - Double-click the slide's name in the Navigator.

- 3) In the text box below the slide, click on the words “Click to add notes” and begin typing.

You can resize the notes text box using the green resizing handles and move it by placing the pointer on the border, then clicking and dragging. To make changes in the text style, press the *F11* key to open the Styles and Formatting window.

Slide Sorter view

The Slide Sorter view contains all of the slide thumbnails (Figure 6). Use this view to work with a group of slides or with only one slide.

Change the number of slides per row, if desired:

- 1) Check **View > Toolbars > Slide View** to show the Slide view toolbar (Figure 5).



Figure 5: Slide Sorter and Slide View toolbars

- 2) Adjust the number of slides (up to a maximum of 15).
- 3) After you have adjusted the number of slides per row, **View > Toolbars > Slide View** will remove this toolbar from view.

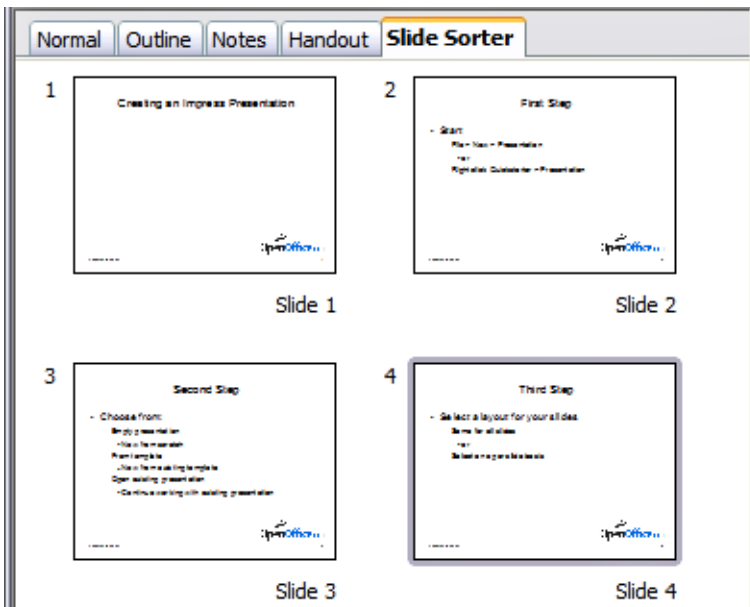


Figure 6: Slide Sorter view

To move a slide in a presentation using the Slide Sorter:

- 1) Click the slide. A thick black border is drawn around it.
- 2) Drag and drop it to the location you want.
 - As you move the slide, a black vertical line appears to one side of the slide.
 - Drag the slide until this black vertical line is located where you want the slide to be moved.

To select a group of slides, use one of these methods:

- Use the *Control* (*Ctrl*) key: Click on the first slide and, while pressing *Control*, select the other desired slides.
- Use the *Shift* key: Click on the first slide, and while pressing the *Shift* key, select the final slide in the group. This selects all of the other slides in between the first and the last.
- Use the cursor: Click on the first slide to be selected. Hold down the left mouse button. Drag the cursor to the last slide thumbnail. A dashed outline of a rectangle forms as you drag the cursor through the slide thumbnails and a thick black border is drawn around the selected slides. Make sure the rectangle includes all the slides you want to select.

To move a group of slides:

- 1) Select the group.
- 2) Drag and drop the group to their new location. The same vertical black line appears to show you where the group of slides will go.

Note Selection of a group of slides works in a rectangular fashion. Slides that do not fall within a rectangular area cannot be grouped.

You can work with slides in the Slide Sorter view just as you can in the Slide pane.

To make changes, right-click a slide and do the following, using the pop-up menu (Figure 7):

- Add a new slide after the selected slide.
- Delete or rename the selected slide.
- Change the Slide Layout.
- Change the Slide Transition.
 - For one slide, click the slide to select it. Then add the desired transition.
 - For more than one slide, select the group of slides and add the desired transition.

- Mark a slide as hidden. Hidden slides will not be shown in the slide show.
- Copy or cut and paste a slide.

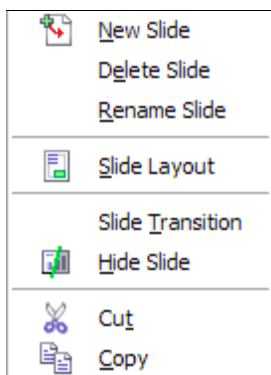


Figure 7: Right-click menu

Handout view

Handout view is for setting up the layout of your slides for a printed handout. In the Tasks pane, choose **Layouts** (Figure 8). You can then choose to print one, two, three, four, or six slides per page.

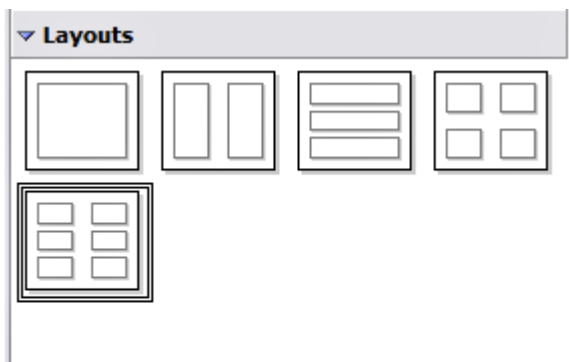


Figure 8: Handout layouts

To print a handout:

- 1) Select the slides using the Slide Sorter. (Use the steps listed in selecting a group of slides on page 7.)
- 2) Select **File > Print** or press *Control+P* to open the Print dialog.
- 3) Select **Options** in the bottom left corner of the Print dialog.
- 4) Check **Handouts** and click **OK**.
- 5) Click **OK** to close the Print dialog.

Toolbars

The various Impress toolbars can be displayed or hidden by clicking **View > Toolbars** and selecting from the menu. You can also select the icons that you wish to appear on each toolbar. For more information, refer to Chapter 4 (Menus and Toolbars) in the *Getting Started* guide.

Many of the toolbars in Impress are similar to the toolbars in OOo Draw. Refer to the *Draw Guide* for details on the functions available and how to use them.

Navigator

The Navigator (Figure 9) displays all objects contained in a document. It provides another convenient way to move around a document and find items in it. The Navigator button is located on the Standard toolbar. You can also display the Navigator by choosing **Edit > Navigator** on the menu bar or pressing *Ctrl+Shift+F5*.

The Navigator is more useful if you give your objects (pictures, spreadsheets, and so on) meaningful names, instead of leaving them as the default “Object 1” and “Picture 1” shown in Figure 9.

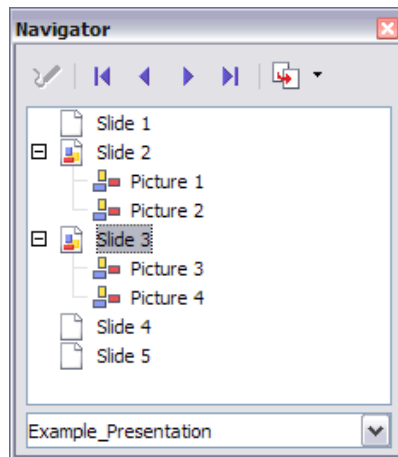


Figure 9: Navigator

Creating a new presentation

This section shows you how to set up a new presentation using the Presentation Wizard.

Planning the presentation

The first thing to do is decide what you are going to do with the presentation. For example, putting a group of digital photos together in a presentation requires very little planning. However, using a presentation to increase the knowledge of others about your topic requires much more planning.

You need to ask and answer many questions before you begin creating a presentation. If you are not acquainted with creating presentations, the answers will be more general. Those who have created a variety of presentations in the past will want to have more specific answers.

Who is to see the presentation? How will it be used? What is the subject matter? What should be in its outline? How detailed should the outline be? Will an audio file be played? Is animation desirable? How should the transition between slides be handled? These are some of the many questions that should be asked, answered, and written down before creating the presentation.

Again, it is not always necessary at this point to have specific answers to every question. Making an outline is extremely important. You may already know exactly what some of the slides will contain. You may only have a general idea of what you want on some of the slides. That is alright. You can make some changes as you go. Change your outline to match the changes you make in your slides.

The important part is that you have a general idea of what you want and how to get it. Put that information on paper. That makes it much easier to create the presentation.

Using the Presentation Wizard

You can start Impress in several ways:

- From the system menu or the OpenOffice.org Quickstarter. Details vary with your operating system; see the *Getting Started* guide for more information.
- From any open component of OOo, click the triangle to the right of the **New** icon on the main toolbar and select *Presentation* from the drop-down menu (Figure 10).
- From any open component of OOo, choose **File > New > Presentation**.

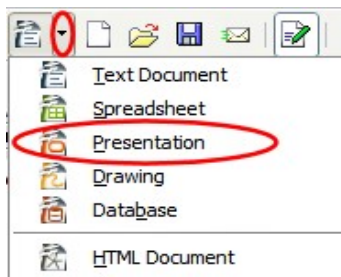


Figure 10: Opening the presentation wizard

When you start Impress, the Presentation Wizard appears (Figure 11).

Tips If you do not want the wizard to start every time you start Impress, select the **Do not show this wizard again** checkbox.

Leave the **Preview** checkbox selected, so templates, slide designs, and slide transitions appear in the preview box as you choose them.

- 1) Select *Empty presentation* under **Type**. It creates a presentation from scratch.

Note *From template* uses a template design already created as the basis for a new presentation. The wizard changes to show a list of available templates. Choose the template you want. More details can be found in Chapter 2.

Open existing presentation continues work on a previously created presentation. The wizard changes to show a list of existing presentations, from which you can choose the one you want.

- 2) Click **Next**. The Presentation Wizard step 2 dialog appears. Figure 12 shows the Wizard as it appears if you selected *Empty presentation* at step 1. If you selected *From template*, an example slide is shown in the Preview box.

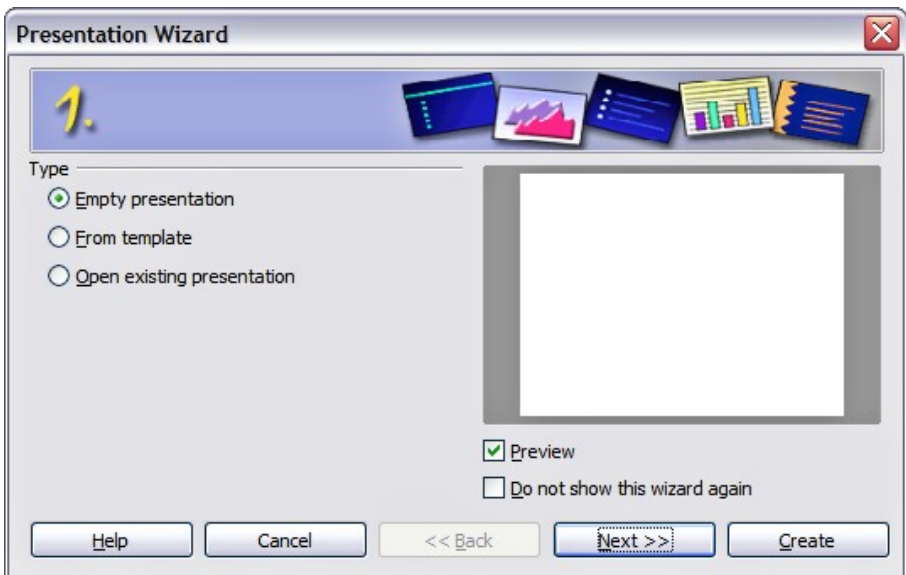


Figure 11. Using the Presentation Wizard to choose the type of presentation

- 3) Choose a design under **Select a slide design**. The slide design section gives you two main choices: *Presentation Backgrounds* and *Presentations*. Each one has a list of choices for slide designs. If you want to use one of these other than <Original>, click it to select it.

- The types of *Presentation Backgrounds* are shown in Figure 12: **<Original>**, **Dark Blue with Orange**, **Subtle Accents**. The types of *Presentations* are: **<Original>**, **Introducing a New Product**, and **Recommendation of a Strategy**. Click an item to see a preview of the slide design in the Preview window.

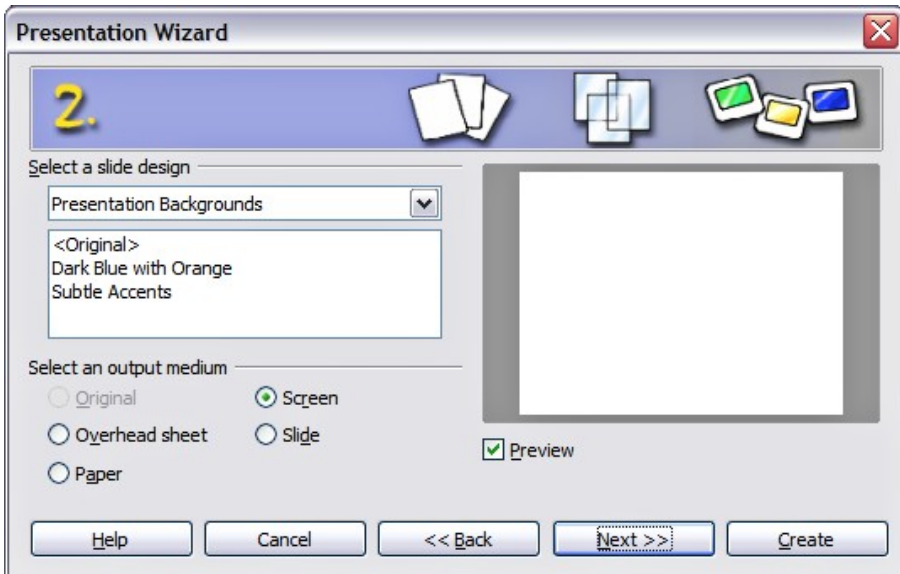


Figure 12. Selecting a slide design using the Presentation Wizard

- **<Original>** is for a blank presentation slide design.
- Both *Introducing a New Product* and *Recommendation of a Strategy* have their own pre-packaged slide designs.

Note *Introducing a New Product* and *Recommendation of a Strategy* are pre-packaged presentation templates. They can be used to create a presentation by choosing **From template** in the first step (Figure 11).

- 4) Select how the presentation will be used under **Select an output medium**. Generally, presentations are created for computer screen display, so you would select **Screen**.
- 5) Click **Next**. The Presentation Wizard step 3 dialog appears (Figure 16).
- 6) Choose the desired slide transition from the *Effect* drop-down menu.
- 7) Select the desired speed for the transition between the different slides in the presentation from the *Speed* drop-down menu. **Medium** is a good choice for now.
- 8) Click **Create**. A new presentation is created.

Tip You might want to accept the default values for both *Effect* and *Speed* unless you are skilled at doing this. Both of these values can be changed later while working with **Slide transitions** and **animations**. These two are explained in more detail in Chapter 9 (Slide Shows).

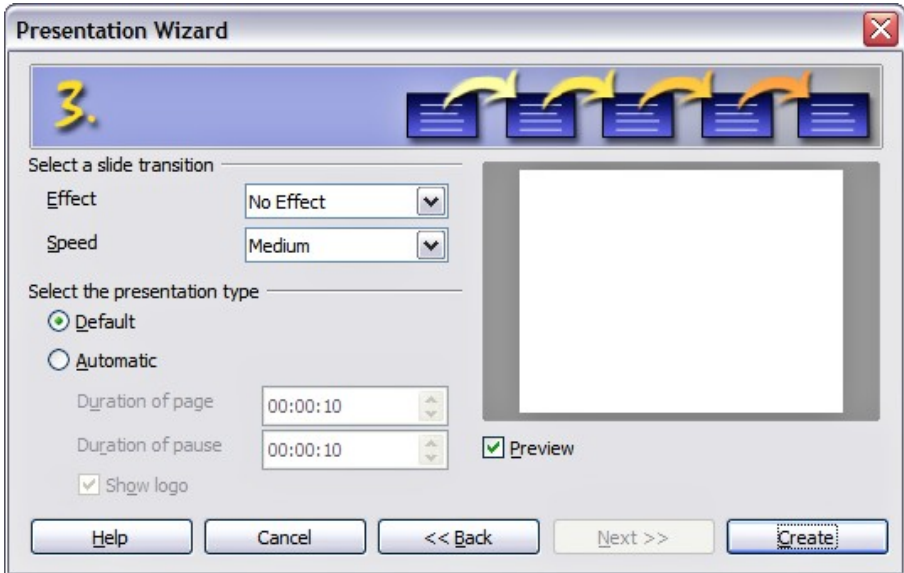


Figure 13: Selecting a slide transition effect

Note If you selected *From template* on step 1 of the Wizard, the **Next** button will be active on step 3 and other pages will be available.

Formatting a presentation

Now put your presentation together based on your outline.

Caution



Remember to save frequently while working on the presentation, to prevent any loss of information should something unexpected occur. You might also want to activate the AutoRecovery function (**Tools > Options > Load/Save > General**). Make sure **Save AutoRecovery information every** is selected and that you have entered a recovery frequency.

Creating the first slide

The first slide is normally a title slide. Decide which of the layouts will best suit your purposes for this first slide: simplicity would be appropriate in this instance. You can use the pre-packaged layouts available in the Layout section of the Tasks pane. Suitable layouts are *Title Slide* (which also contains a section for a subtitle) or *Title Only*, however all but one layout (the blank one) contains a title section, so you are not restricted to the two layouts described here.

Tip If you do not know the names for the pre-packaged layouts, you can use the tooltip feature. Position the cursor on an icon in the Layout section (or on any toolbar icon) and its name will be displayed in a small rectangle. If the tooltips are not enabled, you can enable them. From the main menu, select **Tools > Options > OpenOffice.org > General > Help** and mark the **Tips** checkbox. If the **Extended tips** checkbox is also marked, you will get more detailed tooltip information, but the tooltip names themselves will not be provided.

Select a layout in the Layout section of the Tasks pane by clicking on it: it appears in the Workspace. To create the title, click on “*Click to add title*” (assuming the *Blank Slide* layout was not used) and then type the title text. Adjustments to the formatting of the title can be done by pressing the *F11* key, right-clicking the *Title* presentation style entry, and selecting **Modify** from the pop-up menu.

If you are using the *Title Slide* layout, click on “*Click to add text*” to add a *subtitle*. Proceed as above to make adjustments to the formatting if required.

Inserting additional slides

The steps for inserting additional slides are basically the same as for selecting the title page. It is a process that has to be repeated for each slide. Unless you are using more than one slide master, your only concern is the *Layouts* section of the Tasks pane (Figure 15).

First insert all the slides your outline indicates you will need. Only after this should you begin adding special effects such as custom animation and slide transitions.

Step 1: Insert a new slide. This can be done in a variety of ways—take your pick.

- **Insert > Slide.**
- Right-click on the present slide and select **New Slide** from the pop-up menu.
- Click the **Slide** icon in the *Presentation* toolbar (Figure 14).



Figure 14: Presentation toolbar

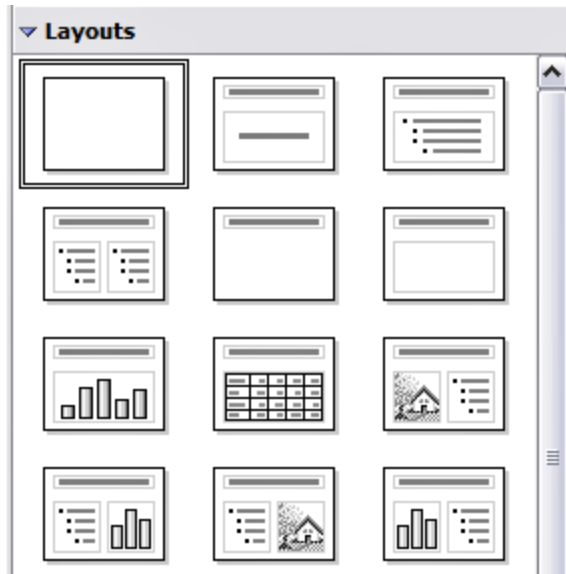


Figure 15: Choosing a slide layout

Step 2: Select the layout slide that best fits your needs.

Step 3: Modify the elements of the slide. At this stage, the slide consists of everything contained in the slide master, as well as the chosen layout slide, so this includes removing unneeded elements, adding needed elements (such as pictures), and inserting text.

Caution



Changes to any of the pre-packaged layouts can only be made using **View > Normal**, which is the default. Attempting to do this by modifying a slide master may result in unpredictable results and requires extra care as well as some trials and errors.

- 1) Remove any element on the slide that is not required (Figure 16),
 - a) Click the element to highlight it. (The green squares show it is highlighted.)
 - b) Press the *Delete* key to remove it.

Tip

Sometimes you will accidentally select the wrong layout slide or decide to change it. This is safe and does not cause loss of the contents already on the slide.

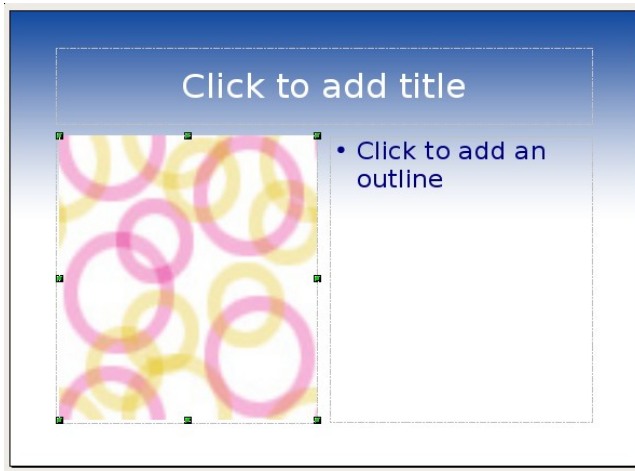


Figure 16: Deleting an element of a slide

- 2) Add any elements to the slide that you do need.
 - a) Adding pictures to the clipart frame, if your chosen layout includes one:
 - i. Double-click the picture within the frame. The Insert picture dialog opens.
 - ii. Browse to the location of the picture you want to include. To see a preview of the picture, check **Preview** at the bottom of the Insert picture dialog.
 - iii. Select the picture and click **Open**.
 - iv. Resize the picture as necessary. Follow the directions in the Caution note below.
 - b) Adding pictures from graphic files to places other than the clipart frame:
 - i. **Insert > Picture > From File**.
 - ii. Browse to the graphic file. To see a preview of the picture, check **Preview** at the bottom of the Insert picture dialog. Select a picture, and click **Open**.
 - iii. Move the picture to its location.
 - iv. Resize the picture, if necessary.
 - c) Adding OLE Objects is an advanced technique covered in Chapter 7 (Inserting spreadsheets, charts, and objects).

Caution

When resizing a graphic, right-click the picture. Select **Position and Size** from the context menu and make sure that **Keep ratio** is selected. Then adjust the height or width to the size you need. (As you adjust one dimension both dimensions will change.) Failure to do so will cause the picture to become distorted. Remember also that resizing a bitmap image will reduce its quality; better by far to create an image of the desired size outside of Impress.

- 3) Adding text to a slide: If the slide contains text, click on “*Click to add an outline*” in the text frame and then type your text. The Outline styles from 1 to 10 are automatically applied to the text as you insert it. You can change the outline level of each paragraph as well as its position within the text using the arrow buttons on the *Text Formatting* toolbar (see the section Outline view on page 4).

Step 4: To create additional slides, repeat steps 1–3.

Modifying the appearance of slides

To change the background and other characteristics of all slides in the presentation, you need to modify the slide master or choose a different slide master.

A *Slide Master* is a slide with a specified set of characteristics which is used as the beginning point for creating other slides. These characteristics include the background, objects in the background, formatting of any text used, and any background graphics.

Note

OOo uses three interchangeable terms for this one concept. *Master slide*, *slide master*, and *master page* all refer to a slide that is used to create other slides. This book, however, will use only the term *slide master*, except when describing the user interface.

Impress has five pre-packaged slide masters, found in the Master Pages section of the Tasks pane (Figure 3). You can also create and save additional master slides. See Chapter 2 for information on creating and modifying slide masters.

Modifying the slide show

Now review the entire presentation and answer some questions. Run the slide show at least once before answering them. You might want to add some questions of your own.

- 1) Are the slides in the correct order? If not, some of them will need to be moved.
- 2) Would an additional slide make a particular point clearer? If so, another slide needs to be created.

- 3) Would some custom animations help some of the slides? (Advanced technique.)
- 4) Should some of the slides have a different slide transition than others? The transition of those slides should be changed.
- 5) Do some of the slides seem unnecessary? Delete the affected slide or slides after checking if they are indeed unnecessary.

Caution

If one or more slides seems to be unnecessary, hide the slide or slides, and view the slide show a few more times to make sure. To hide a slide, right-click the slide in the Slides pane. Select **Hide Slide** in the pop-up menu. Do not delete a slide until you have done this, otherwise you may have to create that slide again.

Once you have answered these and your own questions, you should make the necessary changes. This is done most easily in the Slide Sorter view (see page 6). If you need one or more new slides, create them using the steps listed in “Inserting additional slides” on page 14.

Renaming slides

Right-click on a thumbnail in the Slides pane or the Slide Sorter and choose **Rename Slide** from the pop-up menu. In the *Name* field, delete the old name of the slide and type the new name. Click **OK** to save the change.

Custom animations

If you know how to add a custom animation to a slide and wish to do so, do it now. Custom animations are found on the Tasks pane. This is an advanced technique and is explained in Chapter 9 (Slide shows).

Slide transitions

Your first slide show should probably have the same slide transition for all slides. Setting *Advance slide* to **On mouse click** is the default and a simple setting. If you want each slide to be shown for a specific amount of time, click **Automatically after** and enter the number of seconds. Click **Apply to all slides**.

Transition choices are found on the Tasks pane. For more information about slide transitions, see Chapter 9 (Slide Shows).

Tip

The Slide transition section has a very useful choice: *Automatic preview*. Select its checkbox. Then when you make any changes in a slide transition, the new slide is previewed in the Slide Design area, including its transition effect.

Running the slide show

To run the slide show, do one of the following:

- Click **Slide Show > Slide Show**.
- Click the **Slide Show** button on the Presentation toolbar (Figure 14) or the Slide Sorter toolbar (Figure 5).
- Press *F5* or *F9*.

If the slide transition is *Automatically after x seconds*, let the slide show run by itself.

If the slide transition is *On mouse click*, do one of the following to move from one slide to the next.

- Use the arrow keys on the keyboard to go to the next slide or to go back to the previous one.
- Click the mouse button to advance to the next slide.
- Press the *Spacebar* on the keyboard to advance to the next slide.

When you advance past the last slide, the message “Click to exit presentation...” appears. Click the mouse or press any key to exit the presentation.

To exit the slide show at any time, including at the end, press the *Esc* key.



Chapter 2

Using Slide Masters, Styles, and Templates

Designing a presentation

In addition to careful planning of the content (as discussed in Chapter 1), you need to plan the appearance of the presentation. It is best to do this after you have developed an outline, because the outline will determine some of the requirements for the slides' appearance. For example:

- What color combinations (background and text) will both look good and be easy for your audience to see?
- Would a picture help your audience understand the contents better?
- Do you want a particular picture (for example a company logo) to appear on all the slides?
- Would the audience benefit from having the slides numbered so that they can quickly refer to one of them?
- Do you want a background graphic or gradient? If so, you need to pick something that does not interfere or clash with your content, for example, colors used in charts.
- Will you need one slide master or more than one? If one slide design does not suit all of the content, you might need more than one slide master.

You can change the appearance of slides as you develop the presentation, but planning ahead will save you time in the long run.

What are slide masters?

A *slide master* is a slide that is used as the starting point for other slides. It is similar to a page style in Writer: it controls the basic formatting of all slides based on it. A slide show can have more than one slide master.

Note OOo uses three terms for this one concept. *Master slide*, *slide master*, and *master page* all refer to a slide which is used to create other slides. This book uses the term *slide master*, except when describing the user interface.

A slide master has a defined set of characteristics, including the background color, graphic, or gradient; objects (such as logos, decorative lines, and other graphics) in the background; headers and footers; placement and size of text frames; and the formatting of text.

All of the characteristics of slide masters are controlled by *styles*. The styles of any new slide you create are inherited from the slide master from which it was created. In other words, the styles of the slide master are available and applied to all slides created from that slide master. Changing a style in a slide master results in changes to all the slides based on that slide master; it is, however, possible to modify each individual slide without affecting the slide master.

Note Although it is highly recommended to use the slide masters whenever possible, there are occasions where manual changes are needed for a particular slide, for example to enlarge the chart area when the text and chart layout is used.

Slide masters have two types of styles associated with them: *presentation styles* and *graphic styles*. The pre-packaged presentation styles can be modified, but new presentation styles cannot be created. However, not only can the pre-packaged graphic styles be modified, but new graphic styles can also be created.

What are styles? Why use them?

A style is a set of formats that you can apply to selected items in your presentation to quickly change their appearance. When you apply a style, you apply a whole group of formats at the same time. For example, a style defines the font, type size, indents and spacing, tab stops, and other characteristics of text; and the area fill and line style of a frame or other object.

Using styles gives you more control over the entire presentation. Although you can manually change each slide one element at a time, any manual changes you make apply only to that one slide. If you have several slides with the same elements, you would have to change those elements of each slide if you wanted your slides to have a consistent appearance. When you do this manually, how can you be sure you changed every slide that needs to be changed?

However, if you assign a style to each of the elements you add to your slides, changing the style for that element changes all the slides containing it. Thus, by using styles, you can eliminate most of the work required for changing manually created slides.

Tip Press *F11* to open the Styles and Formatting window. You can dock or undock this window by holding down the *Control* key while double-clicking the top of the window between the icons (see Figure 33). Press *F11* to close the Styles and Formatting window when you do not need it.

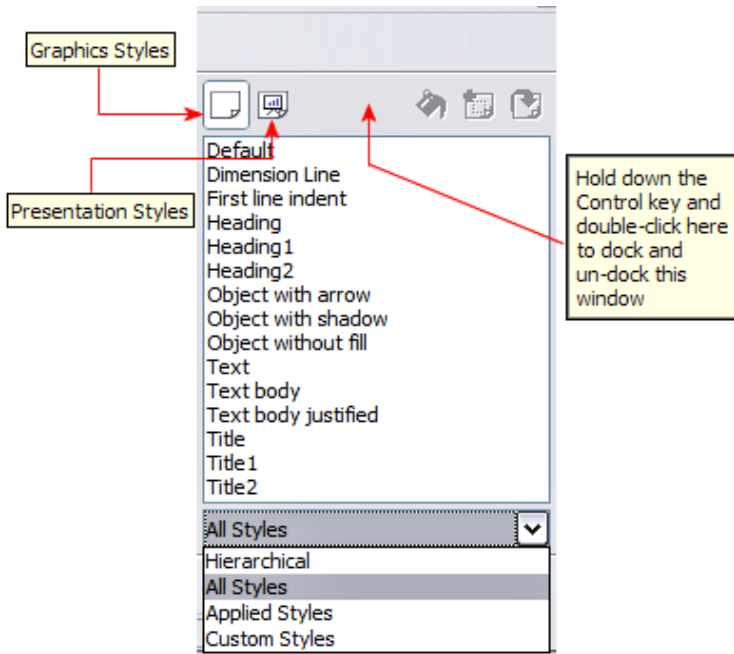


Figure 17: Styles and Formatting window

TIP At the bottom of the Styles and Formatting window is a drop-down list. You can choose to show all styles or other groups of styles, for example applied styles or (in the case of Graphics styles), custom styles.

Presentation styles

Presentation styles affect three elements of a slide master: the background, background objects (such as icons, decorative lines, and text frames), and the text placed on the slide. Text styles are further divided into *Notes*, *Outline 1* through *Outline 9*, *Subtitle*, and *Title*. The outline styles are used for the different levels of the outline to which they belong. For example, Outline 2 is used for the subpoints of Outline 1, and Outline 3 is used for the subpoints of Outline 2.

As described earlier, the pre-packaged presentation styles can be modified, but new presentation styles cannot be created.

Graphic styles

Graphic styles affect many of the elements of a slide. Notice that text styles exist in both the presentation and graphic style selections. What styles to use and when to use them is described later in this chapter.

There are 15 pre-packaged graphic styles to choose from. You can create additional styles or modify the pre-packaged styles.

Working with slide masters

Impress comes with five pre-packaged slide masters. They are shown in the Master Pages section of the Task pane (Figure 19). This section has three subsections: *Used in This Presentation*, *Recently Used*, and *Available for Use*. Click the + sign next to the name of a subsection to expand it to show thumbnails of the slides, or click the – sign to collapse the subsection to hide the thumbnails.

Each of the slide masters shown in the *Available for Use* list is from a template of the same name. If you have created your own templates, or added templates from other sources, slide masters from those templates will also appear in this list. See “Working with templates” on page 35 for more about templates.

Creating slide masters

You can create a new slide master in a similar way to modifying the default slide master.

To start, enable editing of slide masters by **View > Master > Slide Master**.

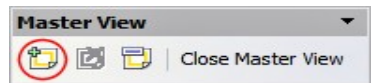


Figure 18: Master View toolbar

On the Master View toolbar (Figure 18), click the **New Master** icon (highlighted in the figure).

A second slide master appears in the Slides pane. Modify this slide master to suit your requirements. It is also recommended that you rename this new slide master. To do that, right-click on the slide in the Slides pane and select **Rename master** from the popup menu.

When you are done, close the Master View toolbar to return to normal slide editing mode.

Applying a slide master

In the Task Pane, be sure the Master Pages section is showing (Figure 19).

To apply one of the slide masters to *all slides* in your presentation, click on it in the list.

To apply a different slide master to one or more *selected slides*:

- 1) In the Slide Pane, select the slides you want to change.
- 2) In the Task Pane, right-click on the slide master you want to apply to the selected slides, and click **Apply to Selected Slides** on the pop-up menu.

Loading additional slide masters

Sometimes, in the same set of slides, you may need to mix multiple slide masters that may belong to different templates (the use of templates is explained later in “Working with templates” on page 35). For example, you may need a completely different layout for the first slide of the presentation, or you may want to add to your presentation a slide from a different presentation (based on a template available on the hard disk).

The Slide Design dialog makes this possible. Access this dialog either from the menu bar (**Format > Slide design**) or from the pop-up menu that appears when right-clicking on a slide in the Slides pane.

The main window in the dialog shows the slide masters already available for use. To add more:

- 1) Click the **Load** button.
- 2) Select in the new dialog the template from which to load the slide master. Click **OK**.
- 3) Click **OK** again to close the slide design dialog.

The slide masters in the template you selected are now shown also in the Master Pages section of the task pane in the *Available for use* subsection.



Figure 19: Available master pages (slides)

Note The slide masters you have loaded will also be available the next time you load the presentation. If you want to delete the unused slide masters, click the corresponding checkbox in the Slide Design dialog. Due to a bug, if the slide master was not used in the presentation, it is removed from the list of available slide masters anyway.

Tip To limit the size of the presentation file, you may want to minimize the number of slide masters used.

Modifying a slide master

The following items can be changed on a slide master:

- Background (color, gradient, hatching, or bitmap)
- Background objects (for example, add a logo or decorative graphics)
- Size, placement, and contents of header and footer elements to appear on every slide
- Size and placement of default frames for slide titles and content

Refer to Figure 22 for a graphical representation of many of these elements.

Before working on the slide master, make sure that the Styles and Formatting window is open. See page 22 for instructions on doing this.

To select the slide master for modification:

- 1) Select **View > Master > Slide Master** from the menu bar. This unlocks the properties of the slide master so you can edit it.
- 2) Click *Master Pages* in the Task pane. This gives you access to the pre-packaged slide masters.
- 3) Click on the slide master you want to modify among the ones available (Figure 19).
- 4) Make changes as described in this chapter, then click the **Close Master View** icon on the Master View toolbar. Save the file before continuing.

Caution Any changes made to one slide when in Master View mode will appear on *all* slides using this slide master. Always make sure you close Master View and return to Normal view before working on any of the presentation slides. Select **View > Normal** from the menu bar, or clicking **Close Master View** in the Master View toolbar to return to the normal slide view.



The changes made to one of the slides in Normal view (for example changes to the bullet point style or the color of the title area and so on...) will not be overridden by subsequent changes to the slide master. There are cases, however, where it is desirable to revert a manually modified element of the slide to the style defined in the slide master: to do that, select that element and choose **Format > Default Formatting** from the menu bar.

Sometimes you may want to try several of the available layouts to see which one is more suitable for your contents. Applying a layout only requires that you open the Layouts section of the task pane and double-click on the new layout. Alternatively you can right-click on the desired layout thumbnail and select **Apply to selected slide** from the pop-up menu.

Choosing and applying the background

Background can be applied to a number of elements in Impress: the page, a default text area, a graphic object and so on. The procedures to apply a background are always the same.

The following procedure is used to apply a background to the page.

- 1) To begin, do one of the following:
 - Select **Format > Page** from the menu bar and choose the *Background* tab.
 - Make sure the Presentation Styles icon is selected in the Styles and Formatting window (Figure 33), right-click **Background** and select **Modify** from the pop-up menu.
- 2) Select the type of fill you want for your background from the five choices, as shown in Figure 20: None, Color, Gradient, Hatching, or Bitmap.

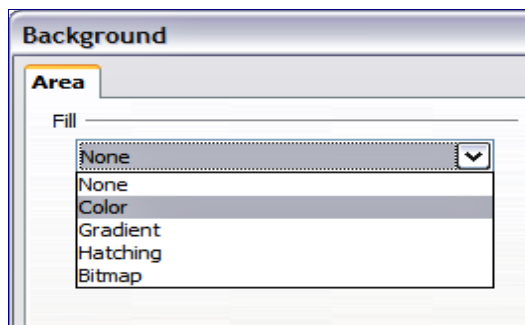


Figure 20: Background choices

A list of choices for the selected fill type then appears (see Figure 21 for an example).

-
-
- 3) Select one of the items on the list and click **OK**. The fill you have chosen is added to the slide master, replacing any previously selected fill.

Tip You can make custom additions to each type of background, with the obvious exception of *None*. After you create new fills, they are listed in the Background dialog along with the fills provided with OOo. For example, the last color in Figure 21, *Test Blue*, is a custom color. See Chapter 6 for more information.

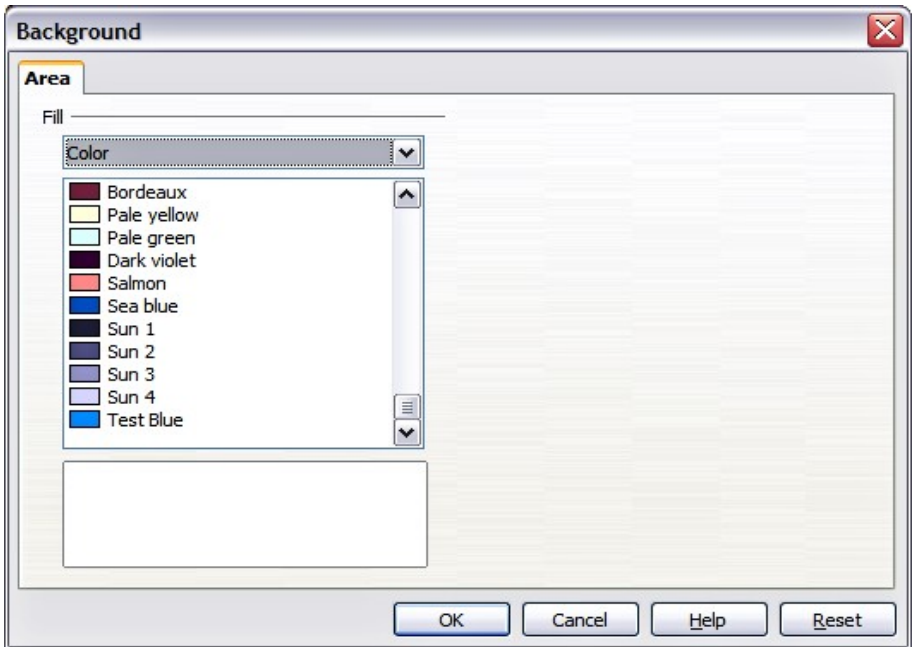


Figure 21: Background colors

Adding background objects

This section describes how to add background objects and graphic elements (such as a logo, decorative lines, and so on). OOo supports a large number of picture formats.

Whenever you want the same graphic element to appear on every slide of your presentation, the easiest and quickest solution is to use the slide master. Not only it will save time while creating the presentation, but also when you decide to either modify the graphic element or reposition it on the slide. If the graphic element was added to each slide, the same operations would have to be performed on each individual slide of the presentation.

One of the most common activities when preparing a presentation is to add a picture to the slide master. To insert a picture already available on the hard disk, follow these steps:

- 1) Choose **View > Master > Slide Master** from the menu bar.

- 2) Select from the menu bar **Insert > Picture > From File**.
- 3) Navigate to the directory where your picture is and select it. If you want to see a preview, select the corresponding checkbox in the file browser dialog.

Caution



OOo offers the option to insert a picture as a link to the file rather than embedding it in the document. This can be useful when a presentation is **not** intended to be distributed elsewhere, and where it will remain in the same hierarchical directory structure. For example, it could be created on a notebook computer, from which the presentation will be given to, typically, a group of clients.

If the presentation file is to be distributed, however, the picture should be embedded to avoid the “missing picture” syndrome when the presentation is finally given on a different computer.

Once the picture is inserted you may need to reposition it and modify its size. How to do that is explained in Chapter 4 (Adding and Formatting Pictures).

Tip

If you want the image to blend with the background, you can set the background color of the picture as transparent. Select the picture, then chose **Tools > Eyedropper** from the menu bar. Check the first checkbox and then move the mouse on the picture and click on the color you would like to make transparent. This color appears next to the checkbox. Make sure that *Replace with...* is set to **Transparent** and click **Replace**.

In addition to pictures you can add a number of other background objects, for example decorative lines, text and shapes. Figure 22 is an example of a slide master with a custom background gradient, a background picture, another picture in the top right corner, some decorative lines and some customized presentation styles.

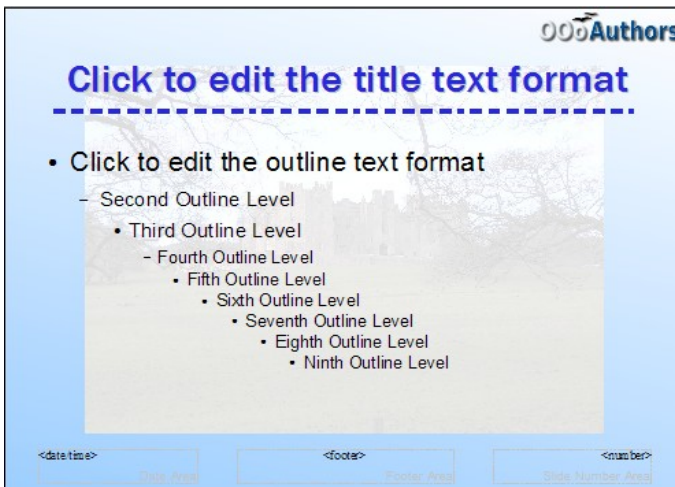


Figure 22: Example of a complex slide with several modifications

Modifying the size and shape of default text areas

When a slide master is opened for editing, it contains five areas, as shown in Figure 23:

- Title area for AutoLayouts
- Object area for AutoLayouts
- Date area
- Footer area
- Slide number area

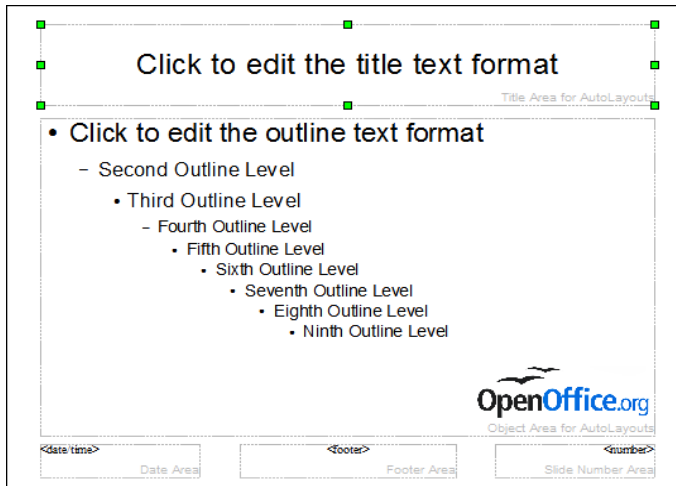


Figure 23: Slide master showing five editable areas

Click with the left mouse button on any of these areas to display eight green squares (handles) around the rectangle. Use these handles to modify the size and position of the area.

- 1) To change the position, move the mouse towards one of the edges, away from the green handles, until the cursor changes shape¹, then click the left mouse button and drag the area to the desired position.
- 2) To modify the shape and size of one of the rectangular area, use one of the 8 green handles. Use the handles in the corners to modify both the sides of the rectangle simultaneously; the handles in the middle of the sides modify only one dimension at a time. The shape of the mouse cursor usually changes when over the handle, giving a clear visual indication of how it will affect the shape of the rectangular area.

¹ The shape of the cursor to move and resize objects is operating system specific, therefore no image is provided.

Tip To keep the ratio between the sides of the rectangular area constant, move the mouse to one of the 4 green handles at the corner of the area and keep the *Shift* key pressed while dragging the handle with the mouse.

To more accurately control the shape and size as well as the position of the default text area, instead of using the mouse it is better to access the Position and Size dialog. To do that, first select the rectangular area by clicking on any point inside it, then either press *F4* or from the main menu select **Format > Position and Size**. The dialog shown in Figure 24 is displayed.

The functions of this dialog are explained in the *Draw Guide*, so only a short description of the most important fields is provided in this chapter.

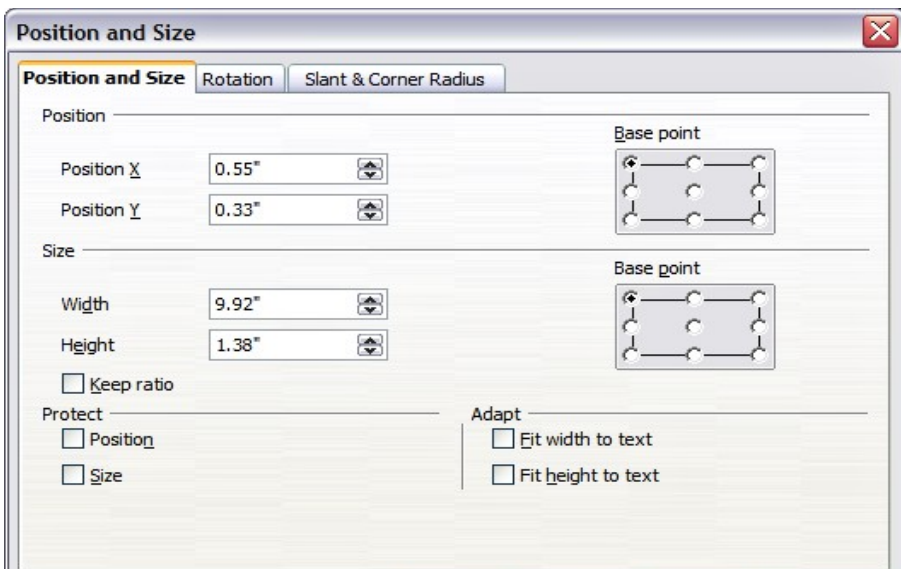


Figure 24: The Position and Size dialog

Use the *Position* section to specify the X (horizontal) and Y (vertical) position of the rectangular area. The values represent the distance of the base point (selected on the right hand side) relative to the top left corner of the slide.

Use the *Size* section to specify the width and height of the rectangular area. Select as the base point the part of the rectangular area that remains fixed. The default setting (top left corner) means that the when resizing the area, the position of the top left corner of the area will not change.

You can also use the *Rotation* tab of the dialog to rotate one of the axes by 90 degrees to obtain a modern looking layout. In general it is preferable to use only right angles for ease of editing, although the program does not impose restrictions on the values that can be used.

Further modifications to the default text areas

Besides the shape, size and position, it is also possible to modify other aspects of the 5 areas of the slide master, such as the background, add a border, alignment relative to the slide and position relative to other objects.

While background style and line style of an area can be accessed from the Format menu, in order to access the Alignment and Arrange menus you need to either open the Drawing toolbar or use the context menu. To display the Drawing toolbar (Figure 25), select it in **View > Toolbars**; to open the context menu, right-click on the edge of the rectangular area after selecting it. On the Drawing toolbar, click the arrow next to the Alignment or Arrange icon (highlighted in Figure 25) to display choices. See the *Draw Guide* for details.

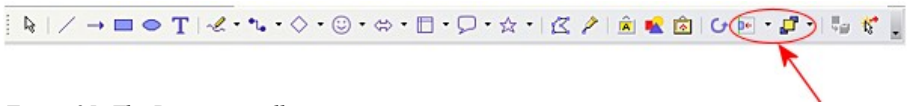


Figure 25: The Drawing toolbar

The date area, footer area, and slide number area do not automatically appear on every slide, even though you have defined them. In order to show them, you need to close the Master View and select the desired field from the menu: **Insert > Page number** or **Insert > Date and time**. This procedure is explained in detail in Chapter 8 (Adding and Formatting Slides, Notes, and Handouts).

Adding text to all slides

Some of the supplied slide masters have text objects in the footer. You can add other text objects to the master page for your slides to act as a header or a footer.

- 1) Choose **View > Master > Slide Master** from the menu bar.
- 2) On the **Drawing** toolbar (see Figure 25), select the **Text** icon.
- 3) Click once and drag in the master page to draw a text object, and then type or paste your text into the object or add fields as described below.
- 4) Choose **View > Normal** when you are finished.

To add a field, such as the date or page number, to a text object in the header or footer, choose **Insert > Fields**, and select the required field from the submenu. If you want to edit a field in your slide, select it and choose **Edit > Fields**.

The fields you can use in Impress are:

- Date (fixed)
- Date (variable)—updates automatically when you reload the file
- Time (fixed)
- Time (variable)—updates automatically when you reload the file
- Author—First and last names listed in the OpenOffice.org user data
- Page number (slide number)
- File name

Tips

To change the number format (1,2,3 or a,b,c or i,ii,iii, etc.) for the page number field, choose **Format > Page** and then select a format from the list in the **Layout Settings** area.

To change the author information, go to **Tools > Options > OpenOffice.org > User Data**.

Working with styles

This section describes how to create, modify, apply and delete styles in Impress. If you are familiar with styles in Writer, you will find both similarities and differences in Impress. The presentation styles are similar to paragraph styles in Writer and are used in a very similar fashion. You cannot create new presentation styles but you can fully configure the existing ones. Note that, as for the Heading styles in Writer, the Outline styles are hierarchically linked, so a change in the Outline 1 will cascade through all the other Outline levels.

In Impress you will also find the graphic styles very useful. As the name suggests, graphic styles define the characteristics of a graphic object (including a text object). If, for example, you need to create a organization chart diagram in one of the slides of your presentation, you will surely want all the boxes to have consistent appearance, meaning same line style, same font type, maybe same shadow and so on. The easiest way to achieve this result with the minimum effort is to create a graphic style for the boxes and apply it to each box. The major benefit is that if later on you decide to modify, say, the background color of the boxes, all you need to do is modify the style.

Creating graphics styles

As discussed above you cannot create new presentation styles. You can create a new graphics style in two ways:

- Using the Style dialog
- From a selection

Creating a new style using the Style dialog

Choose the Graphics icon at the top of the Styles and Formatting window.

To link a new style with an existing style, first select that style, and then right-click and select **New**. When styles are linked, then when you change the base style (for example, by changing the font from Times to Helvetica), all the linked fonts will change as well. Sometimes this is exactly what you want; other times you do not want the changes to apply to all the linked styles. It pays to plan ahead.

The style dialog is shown in Figure 26. It has 14 tabs, each with several options. If you are familiar with styles in Writer, you will find that you already know how to set many of these options. When you are finished making changes, click **OK** to save those changes.

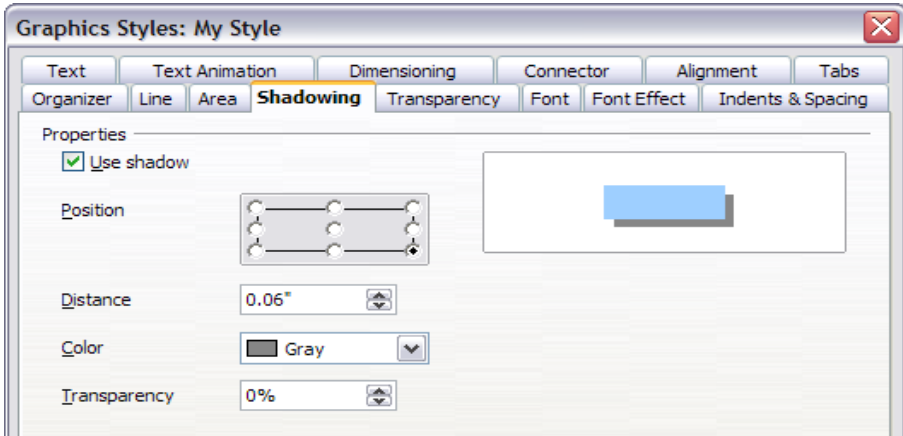


Figure 26: Dialog to create a new graphics style

Creating a new style from a selection

You can create a new style from manually formatted text or graphics:

- 1) Select the item you want to save as a style.
- 2) In the Styles and Formatting window, click the **New Style from Selection** icon, highlighted in Figure 27.

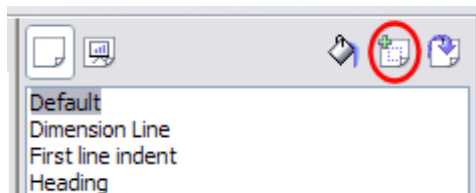


Figure 27: New Style from Selection

- 3) In the Create Style dialog (Figure 28) that pops up, type a name for the new style. The list shows the names of existing custom styles of the selected type. Click **OK** to save the new style.

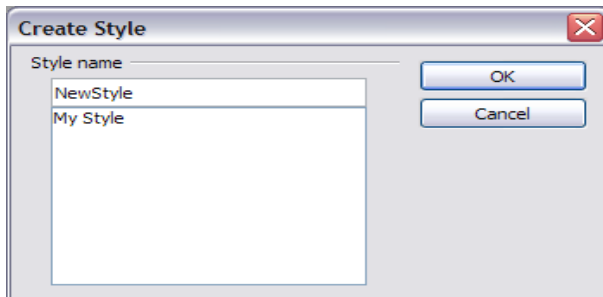


Figure 28: Naming a new style created from a selection

Modifying styles

To change an existing style, right-click on it in the Styles and Formatting window and choose **Modify** from the pop-up menu. (For Presentation styles, **Modify** is the only choice.)

The dialog for the modification of a graphic style is the same as the one for creating a graphic style (Figure 26); while the dialog for modifying a presentation style is simpler and more similar to the one to modify a paragraph style in Writer.

Make the required changes to the style and when finished click **OK** to save them.

Updating a style from a selection

To update a style from a selection:

- 1) Select an item that has the format you want to adopt as a style.
- 2) In the Styles and Formatting window, select the style you want to update (single-click, not double-click), and then click the **Update Style** icon (see Figure 29). Update Style is available for both presentation and graphic styles.

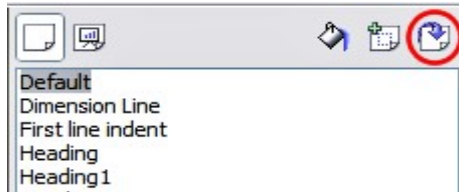


Figure 29. Updating a style from a selection


Tip

Any changes you make to a style are effective only in the document on which you are working. The changes do not go into any associated template. If you want the changes to apply to more than one document, you need to change the template (see “Working with templates” on page 35).

Applying styles

In Impress you can apply styles in two ways, both starting from the Styles and Formatting window. First click on one of the icons at the top left (Graphics Styles or Presentation Styles) to display a list of styles in the category you want. Then do one of the following:

- Position the insertion point in the paragraph or graphic and double-click on the name of the style you want to apply.

- Click the **Fill Format mode** icon . The mouse pointer changes to this icon. Position the moving icon on the paragraph to be styled and click the mouse button. This mode remains active until you turn it off, so you can apply the same style to several paragraphs. To quit Fill Format mode, click the **Fill Format mode** icon again or press the *Esc* key.

When Fill Format mode is active, a right-click anywhere in the document undoes the last Fill Format action. Be careful not to accidentally right-click and thus undo actions you want to keep.

Tip At the bottom of the Styles and Formatting window is a dropdown list (in Figure 33 the window shows *All*, meaning the list includes all available styles. You can choose to show all styles or other groups of styles, for example applied styles or (in the case of graphics styles) custom styles.

Deleting styles

You cannot remove (delete) any of OOo's predefined styles, even if you are not using them.

You can remove any user-defined (custom) styles; but before you do, you should make sure the styles are not in use. If an unwanted style is in use, you will want to replace it with a substitute style.

To delete unwanted styles, right-click on them (one at a time) in the Styles and Formatting window and click **Delete** on the pop-up menu. Click **Yes** in the message box that pops up.

Assigning styles to shortcut keys

OOo provides a set of predefined keyboard shortcuts which allow you to quickly apply styles while typing in a document. You can redefine these shortcuts or define your own, as described in Appendix A (Keyboard Shortcuts).

Working with templates

All documents in OpenOffice.org (OOo) are based on templates. However, Impress is a little different from other OOo components, in that it starts with the Presentation Wizard unless you have elected to turn the Wizard off.

When you choose **File > New > Presentation** from the menu bar, if the Presentation Wizard is active, the Wizard offers several choices for a new presentation, one of which is *From template*.

If you have turned the Presentation Wizard off, when you start a new presentation by choosing **File > New > Presentation** from the menu bar, OOo uses the default presentation template. If you have not defined your own default template, OOo uses an inbuilt blank template supplied with the program.

Using templates supplied with OOo

OOo comes with five presentation templates. Two are in the *Presentations* folder and three are in the *Presentation backgrounds* folder. The difference between them is that “Presentation” templates include a series of slides with sample titles and topics, while “Presentation background” templates have only backgrounds and background objects. Both types have predefined presentation and graphics styles.

You can create a new presentation from a previously saved presentation template by choosing **File > New > Templates and Documents** from the menu bar. This opens the Templates and Documents – Templates window. To open a new presentation based on a template, double-click that template’s name in the list.

Using templates from other sources

If you have created your own templates, or imported templates from another location, they are probably stored in the My Templates folder in the Templates and Documents – Templates window. Templates installed using the Extension Manager may be installed in their own folders. You can use them in the same way as the templates installed with OOo.

See page 42 for information on importing templates into OOo.

Installing templates using the Extension Manager

The Package Manager was introduced in OOo 2.0.4 and renamed the Extension Manager in OOo 2.1. This feature provides an easy way to install collections of templates, graphics, macros, or other add-ins that have been “packaged” into files with a .OXT extension.

- 1) After you download a package, select **Tools > Extension Manager** from the menu bar. In the Extension Manager dialog (Figure 30), click **Add**.
- 2) A file browser window opens. Find and select the package of templates you want to install and click **Open**.
- 3) On the Extension Manager dialog (Figure 31), select the package you just added and click **Enable**.

The slide masters from the templates will now appear in the list of Available Master Pages in the Task Pane (Figure 19).

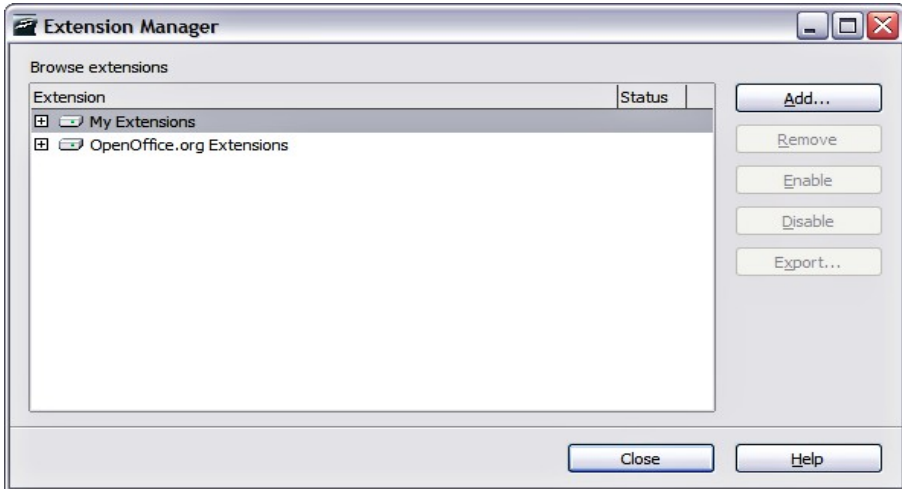


Figure 30: Installing a package of templates

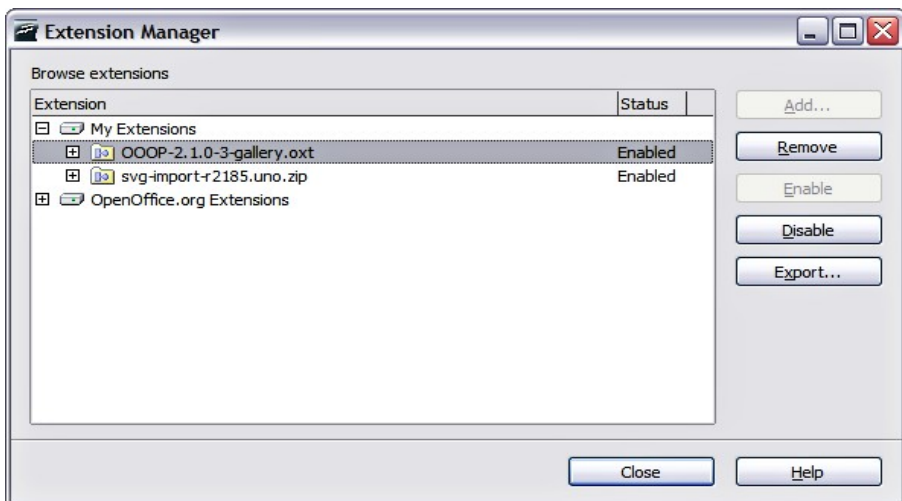


Figure 31: Enabling a newly-added package of templates

Setting a default template

You can set a custom presentation template to be the default template. You can reset the default later if you choose.

Setting a custom template as the default

You can set any template to be the default, as long as it is in one of the folders displayed in the Template Management window.

To set a custom template as the default:

- 1) From the main menu, choose **File > Templates > Organize**. The Template Management window (Figure 32) opens.
- 2) In the box on the left, double-click the folder containing the template that you want to set as the default, then select the template.
- 3) Click the **Commands** button.

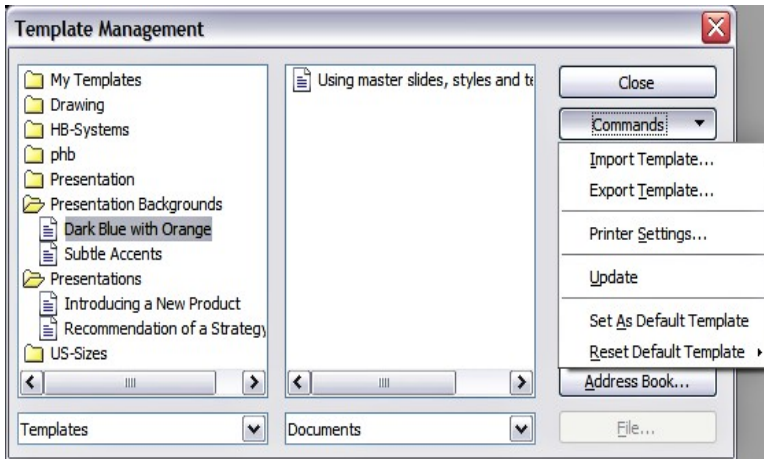


Figure 32. Template Management window

- 4) From the drop-down menu, choose **Set As Default Template**. The next time that you create a document by choosing **File > New**, the document will be created from this template.

Resetting the default to OOO's in-built Default template

To re-enable OOO's Default presentation background template as the default:

- 1) In the Template Management window (Figure 32), click the Presentation Backgrounds folder in the box on the left.
- 2) Click the **Commands** button.
- 3) From the drop-down menu, choose **Reset Default Template**.

Creating your own templates

To create a template from a presentation:

- 1) Open the presentation that you want to use for a template.
- 2) From the main menu, choose **File > Templates > Save**. The Templates window opens (see Figure 33).
- 4) In the **New template** field, type a name for the new template.

- 5) In the **Categories** list, click the folder in which you want to store the template. This is usually the My Templates folder, unless you have created other folders.

To learn more about template folders, see “Organizing templates” on page 40.

- 6) Click **OK**. OOo saves the new template and the Templates window closes.

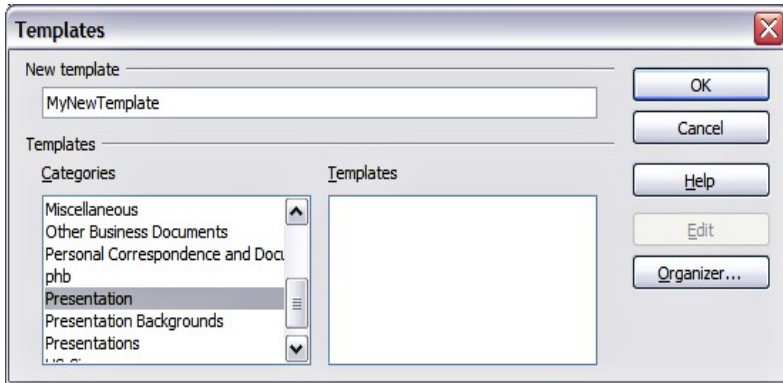


Figure 33. Saving a new template

Modifying a template

You can edit a template’s styles and content, and then, if you wish, you can reapply the template’s styles to documents that were created from that template.

Note You can only reapply styles. You cannot reapply content.

To edit a template:

- 1) From the main menu, choose **File > Templates > Edit**. A standard file browser window opens.
- 2) Find and select the template that you want to edit, and then click **Open**. The selected template opens in Impress.
- 3) Edit the template just as you would any other presentation. To save your changes, choose **File > Save** from the main menu.

The next time that you open a document that was created from the changed template, the following message appears.

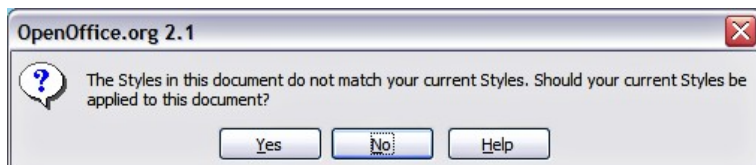


Figure 34. Apply current styles message

Click **Yes** to apply the template's changed styles to the document. Click **No** if you never want to apply the template's changed styles to the document. Whichever option you choose, the message box closes and the document opens in OOo.

Caution



If you choose **No** in the message box shown in Figure 32, that message will not appear again the next time you open the document after changing the template it is based on. You will not get another chance to update the styles from the template, although you can use the macro given in the Note below to re-enable this feature.

Note

To re-enable the updating from template feature:

- 1) Use **Tools > Macros > Organize Macros > OpenOffice.org Basic**. Select the document from the list, click the +, and select Standard. If Standard has a + beside it, click that and select a module.
- 2) Name the macro. For example, you could call it FixDocument. If the **Edit** button is active, click it. If the Edit button is not active, click **New**, type a module name in the pop-up dialog, and click **OK**.
- 3) In the Basic window, enter the following:

```
Sub FixDocument
TemplateName = ThisComponent.DocumentInfo.Template
if TemplateName <> "" then
    ThisComponent.DocumentInfo.Template = TemplateName
end if
End Sub
```

- 4) Click the **Run BASIC** icon, then close the Basic window.
- 5) Save the document.

Next time you open this document, the update from template feature will be restored.

Organizing templates

OOo can only use templates that are in OOo template folders. You can, however, create new OOo template folders and use them to organize your templates. For example, you might have separate template folders for templates for different purposes or projects. You can also import and export templates.

To begin, choose **File > Templates > Organize** from the main menu. The Template Management window (Figure 34) opens.

Note

All the actions made by the **Commands** button in the Template Management window can be made as well by right-clicking on the templates or the folders.

Creating a template folder

To create a template folder:

- 1) In the Template Management window, click any folder.
- 2) Click the **Commands** button.
- 3) From the drop-down menu, choose **New**. A new folder called Untitled appears.
- 4) Type a name for the new folder, and then press the *Enter* key. OOo saves the folder with the name that you entered.

Deleting a template folder

You cannot delete the template folders supplied with OOo or installed using the Extension Manager; you can only delete folders that you have created.

To delete a template folder that you have created:

- 1) In the Template Management window, click the folder that you want to delete.
- 2) Click the **Commands** button.
- 3) From the drop-down menu, choose **Delete**. A dialog appears and asks you to confirm the delete. Click **Yes**.

Moving a template

To move a template from one template folder to another template folder:

- 1) In the Template Management window, double-click the folder that contains the template you want to move. A list of all the templates contained in that folder appears underneath the folder name.
- 2) Click the template that you want to move and drag it to the desired folder. If you do not have the authority to delete templates from the source folder, this action *copies* the template instead of moving it.

Deleting a template

You cannot delete the templates supplied with OOo or installed using the Extension Manager; you can only delete templates that you have created.

To delete a template:

- 1) In the Template Management window, double-click the folder that contains the template you want to delete. A list of all the templates contained in that folder appears underneath the folder name.
- 2) Click the template that you want to delete.
- 3) Click the **Commands** button.
- 4) From the drop-down menu, choose **Delete**. A dialog appears and asks you to confirm the deletion. Click **Yes**.

Importing a template

If the template that you want to use is in a different location, you must import it into an OOO template folder.

To import a template into a template folder from another location on your computer:

- 1) In the Template Management window, click the folder into which you want to import the template.
- 2) Click the **Commands** button. From the drop-down menu, choose **Import Template**. A standard file browser window opens.
- 3) Find and select the template that you want to import and click **Open**. The file browser window closes and the template appears in the selected template folder.

Exporting a template

To export a template from a template folder to another location:

- 1) In the Template Management window, double-click the folder that contains the template you want to export. A list of all the templates contained in that folder appears underneath the folder name.
- 2) Click the template that you want to export.
- 3) Click the **Commands** button.
- 4) From the drop-down menu, choose **Export Template**. The Save As window opens.
- 5) Find the folder into which you want to export the template and click **Save**. OOO exports the template to the selected folder, and the Save As window closes.



Chapter 3

Adding and Formatting Text

This chapter describes the different ways to add text to slides and format the text.

Text in slides is contained in *text boxes*. There are two ways to add text boxes to a slide:

- Choose a predefined layout from the *Layouts* section of the Tasks pane, as described in Chapter 1. These text boxes are called **AutoLayout** text boxes.
- Create a text box using the text tool.

This chapter describes how to create, modify, use, and delete text boxes; discusses the various types of text that can be inserted; and explains how to format the text, how to insert a numbered or bulleted list, and finally how and when to use fields.

Working with text boxes

Using text boxes created from the Layout pane


In Normal view:

- 1) Click in the text box that reads **Click to add text**, **Click to add an outline**, or a similar notation.
- 2) Type or paste your text in the text box.

These text boxes are known as AutoLayout text boxes. See also “Creating bulleted and numbered lists” on page 58.

Using text boxes created from the text box tool

In Normal View:

- 1) Click on the **Text** icon  on the Drawing toolbar. If the toolbar with the text icon is not visible, choose **View > Toolbars > Drawing**.

- 2) Click and drag to draw a box for the text on the slide. Do not worry about the vertical size and position—the text box will expand if needed as you type. To reposition the text box to a different part of the slide, see “Moving a text box” on page 44; to change the horizontal size, see “Resizing a text box” on page 45.
- 3) Release the mouse button when finished. The cursor appears in the text box, which is now in edit mode (gray hashed border with green resizing handles shown in Figure 35).
- 4) Type or paste your text in the text box.
- 5) Click outside the text box to deselect it.

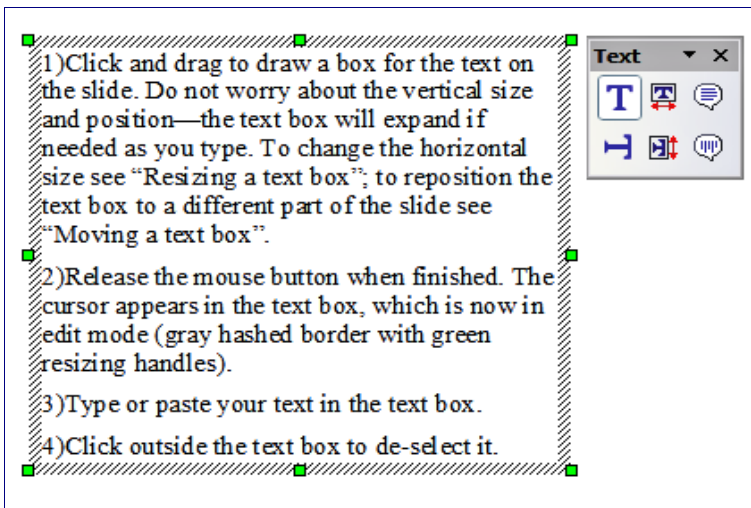



Figure 35: Selected text box showing the green resizing handles and text toolbar

Note In addition to the normal text boxes where text is horizontally aligned, it is possible to insert text boxes where the text is aligned vertically. This choice is available only when Asian languages are enabled in **Tools > Options > Language Settings > Languages**.

Click on the  button in the drawing toolbar to create a vertical text box. Note that when editing the contents, the text is displayed horizontally.

Moving a text box

In Normal view, notice how the pointer changes from an arrow to an I-beam as you move it over the text in a text box.


- 1) Click when the pointer becomes an I-beam. The text box is now in edit mode, with a gray border and green resizing handles.
- 2) Move the I-beam (or pointer) over the gray border. Notice how it changes shape, becoming a four-headed arrow (or a similar shape depending on the operating system and user's settings).
- 3) When the four-headed arrow appears, click and drag to move the text box. An empty dashed-line box shows where your text box will be placed.
- 4) Release the mouse button when the text box is in the desired position.

Resizing a text box

In Normal view, when the green resizing handles are displayed, move the I-beam (or pointer) over any handle. Notice how the pointer changes shape, indicating in what direction the text box will be resized. The corner handles change the two dimensions of the text area simultaneously while the four handles in the middle of the sides modify only one of the dimensions.

When the two-headed arrow is displayed, click and drag to resize the text box.

Tip To maintain the proportions of a text box while resizing, press and hold the *Shift* key, then click and drag. Make sure to release the mouse button **before** releasing the *Shift* key.

OOo also provides a different type of text box which resizes horizontally to automatically fit the text as it is inserted. To insert an auto-resizing text box, click on the  Icon in the text toolbar (see Figure 35) and then click on the place in the slide where you want the first letter of the text to appear. If the text toolbar is not visible, choose **View > Toolbars > Text**.

For more accurate control over the shape, size and position of the text box, instead of using the mouse, use the Position and Size dialog. Select the text box, then press *F4* or select **Format > Position and Size** from the menu bar. The use of this dialog is explained in Chapter 2.

Deleting a text box

- 1) Click the text once to display the gray border and green resizing handles of the text box.
- 2) Position the pointer anywhere on the gray border so that it becomes either a four-headed or two-headed arrow.
- 3) Click once. The gray border disappears, leaving only the green resizing handles.
- 4) Press *Delete*.

Tip Sometimes it is faster to delete a text box by dragging a selection rectangle around the text box and then hitting the *Delete* key. Take care to avoid selecting and accidentally deleting other text boxes or shapes.

Inserting text

Pasting text

Text may be inserted into the text box by copying it from another document and pasting it into Impress. However, the pasted text will probably not match the formatting of the surrounding text or that of the other slides in the presentation. This may be what you want on some occasions, however in most cases you want to make sure that the presentation does not become a patchwork of different paragraph styles, font types, bullet points and so on. There are several ways to ensure consistency; these methods are explained below.

Pasting unformatted text


It is normally good practice to paste text without formatting and apply the formatting later. To paste without formatting, either press *Control+Shift+V* and then select **Unformatted text** from the dialog that appears, or click on the small black triangle



next to the paste symbol in the standard toolbar and select **Unformatted text**. The unformatted text will be formatted with the outline style at the cursor position in an **AutoLayout** text box or with the default graphic style in a normal text box.

Formatting pasted text

If pasting the text into an **AutoLayout** area, then to give the pasted text the same look and feel of the rest of the presentation apply the appropriate *outline style* to the text. To do so:

- 1) Paste the text in the desired position. Do not worry if it does not look right: it will in a minute.
- 2) Select the text you have just pasted (see “Selecting text” on page 51 for details on how to do that).
- 3) Select **Format > Default formatting** from the menu bar.
- 4) Use the four arrow buttons in the Text Formatting toolbar  to move the text to the appropriate position and give it the appropriate outline level. The button with the arrow pointing left promotes the list entry by one level (for example from Outline 3 to Outline 2), the right arrow button demotes the list entry by one level, the up and down arrow buttons move the list entry.

- 5) Apply manual formatting as required to sections of the text (to change font attributes, tabs, and so on).


If you are pasting text in a **text box**, you can still use styles to quickly format the text. Note that one and only one graphic style can be applied to the copied text. To do that:

- 1) Paste the text in the desired position.
- 2) Select the text you have just pasted (see “Selecting text” on page 51 for details).
- 3) Select the desired graphic style.
- 4) Apply manual formatting as required to sections of the text.

Tip Presentation styles are very different from Writer styles and are applied in quite a different way. Refer to “Using styles to format text” on page 49 for details.

Inserting special characters

To insert special characters, such as copyright, math, geometric, or monetary symbols, or characters from another language:

- 1) Click in the place in the text where you want to insert the character.
- 2) Choose **Insert > Special Character**. The Special Characters dialog appears.
See Figure 36. Alternatively if the  icon is visible, you can click this to bring up the Special Characters dialog.

Tip To show toolbar buttons that are not visible, click on the small down-arrow on the right end of the tool bar, move the cursor over **Visible Buttons** and then click on the icon you wish to make visible.

- 3) Choose the font and character subset from the *Font* and *Subset* drop-down menus.
- 4) Click the character you want to insert. You may have to scroll to find the one you want.
- 5) Click **OK**.

Selecting more than one character will insert all those characters. Characters to be inserted are displayed below the character section in the order they were selected. They will also be inserted in this order. If you accidentally click the wrong character, clicking another character will only add it to the ones being inserted. Click **Delete** (all the characters selected will be deleted), then click the correct characters.

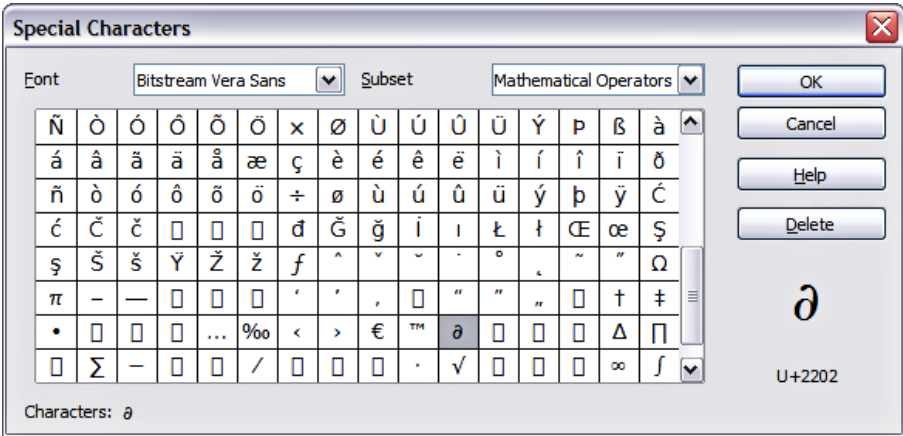


Figure 36: Insert special characters dialog

Inserting non-breaking spaces and hyphens

Where it is not desirable for words separated by a space or by a hyphen to span over two lines, or where an optional hyphen is desired, you can insert a special formatting mark.

To access the Formatting marks options, select from the menu bar

Insert > Formatting marks. Impress supports three formatting marks:

- **Non-breaking space:** A non-breaking space between two words prevents these two words being separated over two lines. Press *Control+Space bar* on the keyboard to insert a non-breaking space.
- **Non-breaking hyphen:** A non-breaking hyphen keeps the two words separated by the hyphen on the same line.
- **Optional hyphen:** An invisible hyphen that is activated (thus breaking the word) only when the word is too long to fit on one line.

Caution



In OOo Writer a non-breaking hyphen can be inserted by pressing *Control+Minus sign*. This shortcut does **not** work in Impress.

Formatting text

Formatting text can give a presentation a consistent look and a dynamic feel. The appropriate use of formatting can even enhance the audience's understanding of your message by holding their interest.

Whenever you enter text, either in an AutoLayout text box or in a normal text box, it already comes with an underlying style. Generally this style is the outline level of the point where the text was entered for AutoLayout text boxes or the Default Graphic style for text boxes. Sometimes, as seen also in the “Pasting text” section on page 46, it is very useful to re-apply the baseline style to a selection of text, thus eliminating any manual formatting applied to it (particularly if you made a mistake and you do not know how to undo it). On these occasions, select the manually formatted text, and then select **Format > Default formatting** from the menu bar.

Using styles to format text

This chapter describes ways to apply manual formatting, but you are encouraged to use styles to really get the best out of Impress. The good news is that all the information given here can be immediately reused for applying styles. Chapter 2 describes how to use styles efficiently and the difference between the presentation and graphic styles available in Impress.

Modifying a style

In Impress there are two categories of styles: presentation styles and graphics styles. When inserting text in an AutoLayout area, the presentation styles become available, while when inserting text in a text box or a graphic object it is possible to apply the graphic styles.

It is possible to create new graphics styles, but not the presentation styles which are fixed and can only be modified.

To modify a style, follow these steps:

- 1) Open the Styles and Formatting window by pressing *F11* or selecting **Format > Styles and Formatting** from the menu bar.
- 2) Select the style category by clicking on either the Presentation Styles icon or the Graphic Styles icon at the top of the Style and Formatting window (see).
- 3) Right-click on the style to be modified and select **Modify** from the pop-up menu.

If you have selected a presentation style, the dialog in Figure 37 is shown.

The dialog for making modifications to a graphics style is shown in Figure 38.

The Presentation Style dialog shares five pages with the Graphics Style dialog; these are the ones that determine the formatting of the text.

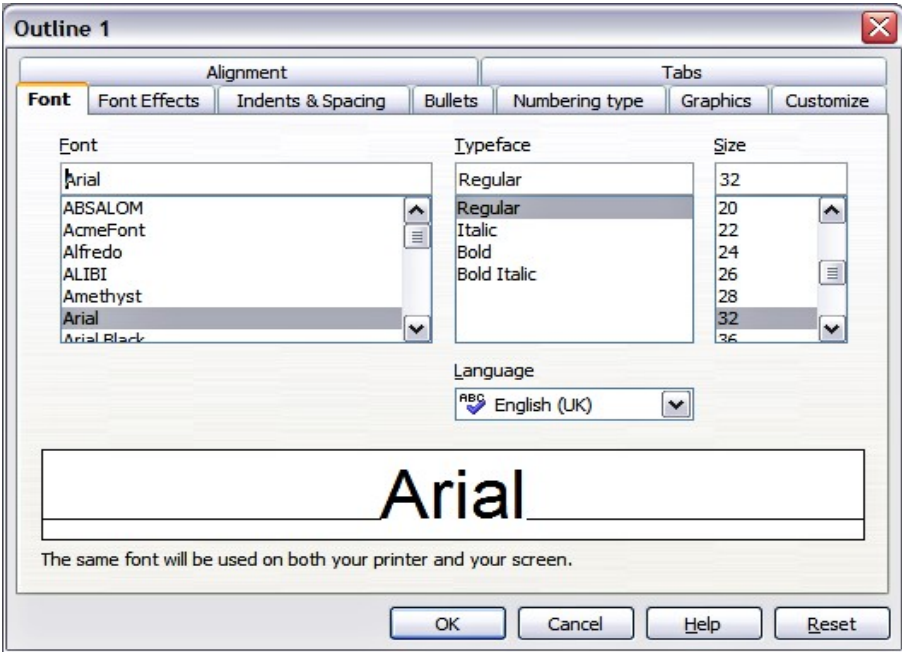


Figure 37: The Presentation Style dialog

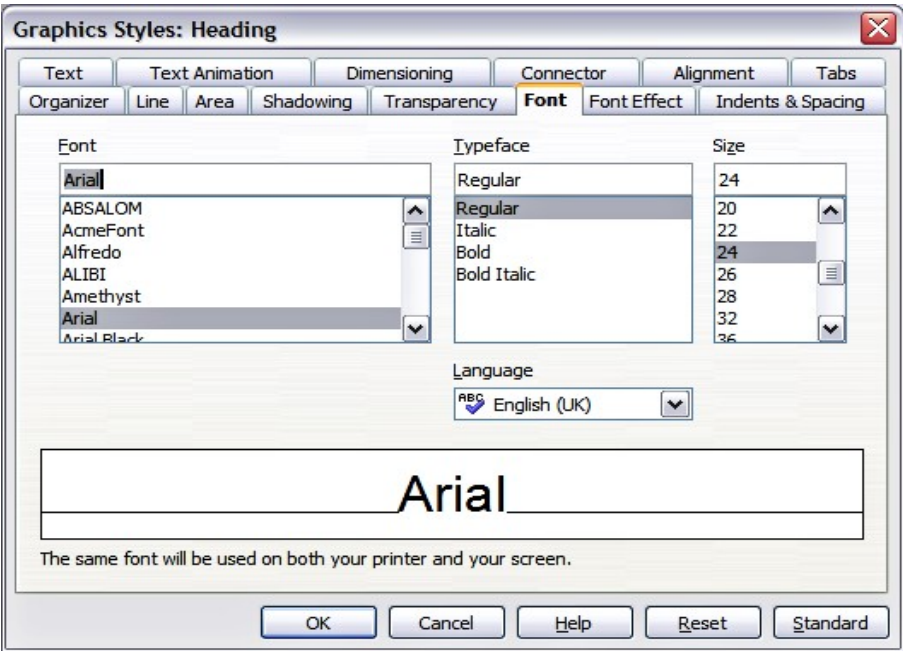


Figure 38: The Graphics Style modification dialog

There is no difference between the parameters that characterize a style and the attributes given manually to portions of text: in fact the same dialogs are used in both cases. Therefore once you master the formatting of text, you will know how to create and modify a style. In particular:

- For the *Font* page of a style refer to “Formatting characters” on page 52.
- For the *Font Effects* page of a style refer to “Formatting characters” on page 52.
- For the *Indents and Spacing* page of a style refer to “Formatting paragraphs” on page 55.
- For the *Alignment* page of a style refer to “Formatting paragraphs” on page 55.
- For the *Tabs* page of a style refer to “Formatting paragraphs” on page 55.

The other tabs of the Presentation Style dialog are all related to bullets and numbering and are described in “Creating bulleted and numbered lists” on page 58.

For additional details on the other tabs in the Graphics Style dialog, please refer to Chapter 6 (Formatting Graphic Objects).

Note When Asian typography is activated (**Tools > Options > Language Settings > Languages**), the dialogs in Figure 37 and Figure 38 contain an additional page to set some high-level options for Asian typography, the *Fonts* page contains additional information and the *Alignment* page is slightly different.

Selecting text


Text must be selected before it can be formatted manually.

- To format *all* the text in a text box, click once on the text, then click once on the border of the text box. Only the green resizing handles are displayed. Now any formatting changes will apply to all the text in the text box.
- To format only *part* of the text, click once on the text, then select the text to be formatted by clicking and dragging (highlighting) over it. You can also use keyboard combinations to select text: move the cursor where you want to begin your selection, press *Shift* and then use the arrow buttons to extend your selection. Formatting changes will apply only to the selected text.

Tip Pressing the *Control* key along with the *Shift* key while creating a selection is useful to speed up the process. This combination highlights the text word by word instead of character by character. To speed up the selection even further, you can combine the *Shift* key with the *Home* key or the *End* key to extend the selection up to the start or end of the line in which the cursor is positioned, respectively.

Formatting characters

To view the character formatting options, select **Format > Character** or click the

Character button  on the Text Formatting toolbar. (If a toolbar with the text icon is not visible, choose **View > Toolbars > Text Formatting**.) The Character dialog appears.

Font page

Use the *Font* page, shown in Figure 39, to select the desired font type, its base attributes (Italic, Bold, etc.) as well as the size. A sample of the font is displayed in the lower part of the dialog. You can also specify the language of this style.

This page is available when creating or modifying a presentation style or a graphics style.

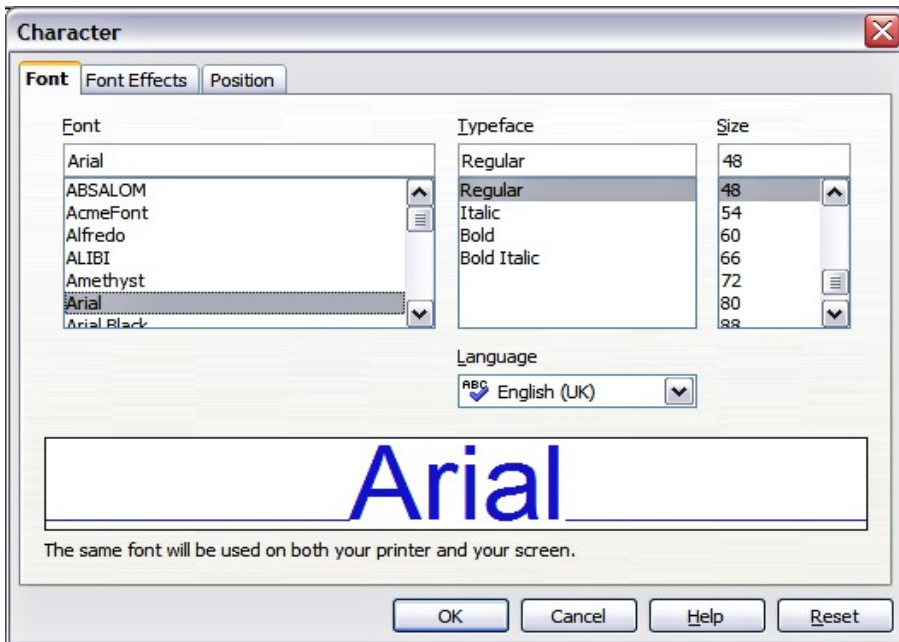


Figure 39: The Font page, to set the basic font attributes

Tip

When writing a presentation in multiple languages, you can make the best of the language setting by creating two styles that only differ in the language but are otherwise the same. This allows you to check the spelling of all of the contents without affecting the appearance.

If Asian Typography has been enabled, the *Font* page looks like Figure 40.

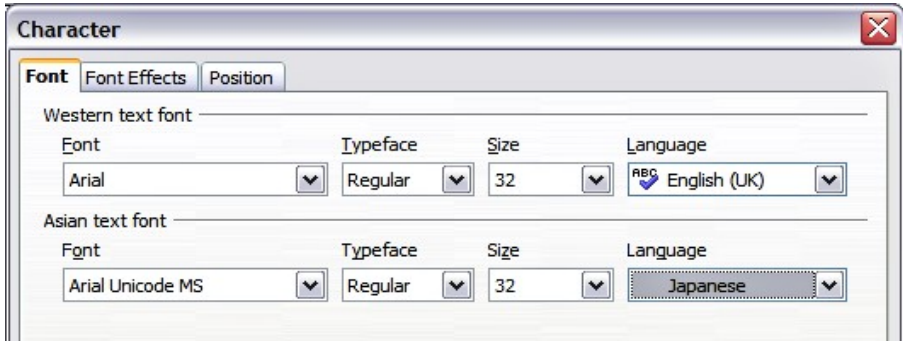


Figure 40: The Font page when Asian Typography is enabled

The page is divided into three parts. The top and bottom parts have the same functionality as described above, while in the middle part you can specify the Asian text font and its attributes.

Font Effects page

Use the *Font Effects* page, shown in Figure 41, to apply special effects to the text, such as underlining, color, shadow and so on. As for the *Font* page, a sample of the text is displayed in the lower part of the dialog allowing a quick visual check of the effects applied.

This page is available when creating or modifying a presentation style or a graphics style.

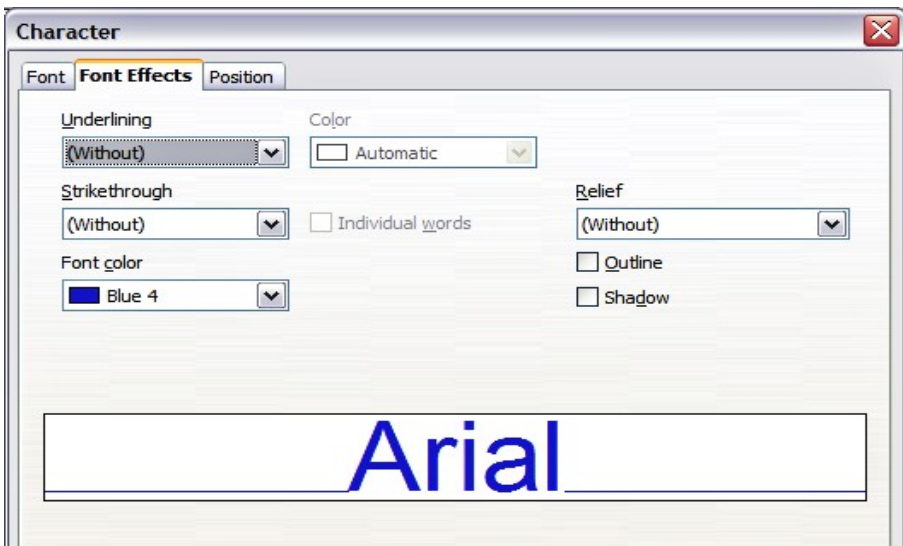


Figure 41: Advanced options for the character can be set in the Font Effects page

Position page

The *Position* page, shown in Figure 42, has advanced options to customize text. This page is not available when creating or modifying a presentation style or a graphics style.

Use this page to set the text position relative to the baseline when you need to insert subscripts or superscripts.

To create a superscript or a subscript, do the following:

- 1) Select Superscript or subscript as applicable.
- 2) Specify the amount by which the text should be raised (superscripts) or lowered (subscripts).
- 3) Specify the dimension of the character relative to the baseline character size (in percentage).

The amount by which the text is raised or lowered can be set to automatic by selecting the **Automatic** checkbox.

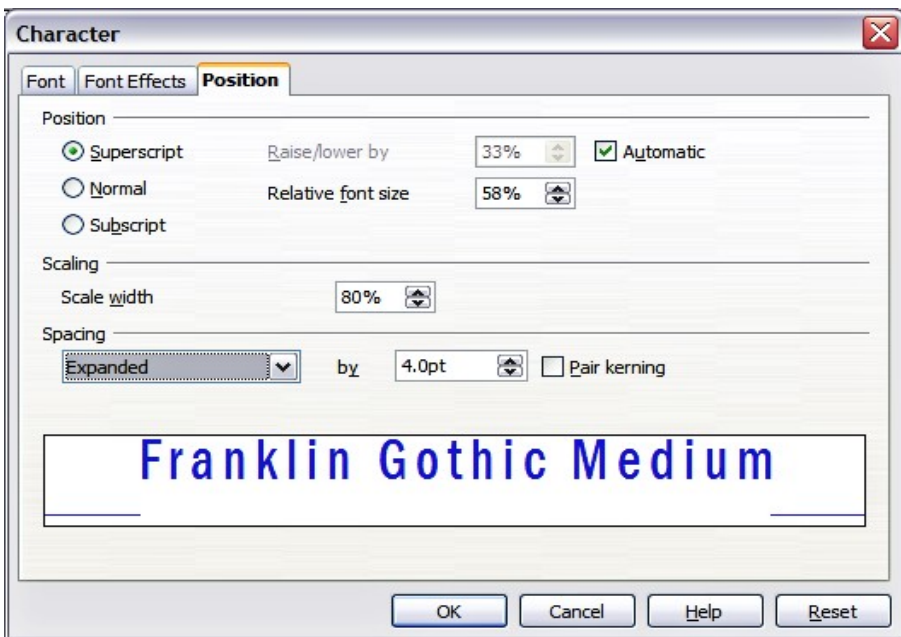


Figure 42: Dialog to set the character position attributes


Two more position attributes can be set on this page:

- The (width) scaling of the text, which specifies the percentage of the font width by which to compress or expand the *individual* characters of the selected text.

- The spacing between the characters of the font, which can be defined in number of points. Selecting the Pair kerning checkbox causes OOo to automatically adjust the spacing between certain pairs of characters to visually improve the appearance. For example, when writing a V followed by an A (VA) the spacing between the two letters is reduced (strong kerning) as can be easily seen when compared with, say, VS which is not a kerning pair.

Formatting paragraphs

To view the paragraph formatting options, select **Format > Paragraph** or click the

Paragraph button  on the Text Formatting toolbar. If a toolbar with the text icon is not visible, choose **View > Toolbars > Text Formatting**. The Paragraph dialog (Figure 43) is shown.

This dialog contains three pages that are described in detail below. If Asian Typography has been activated, a page called Asian Typography is also displayed.

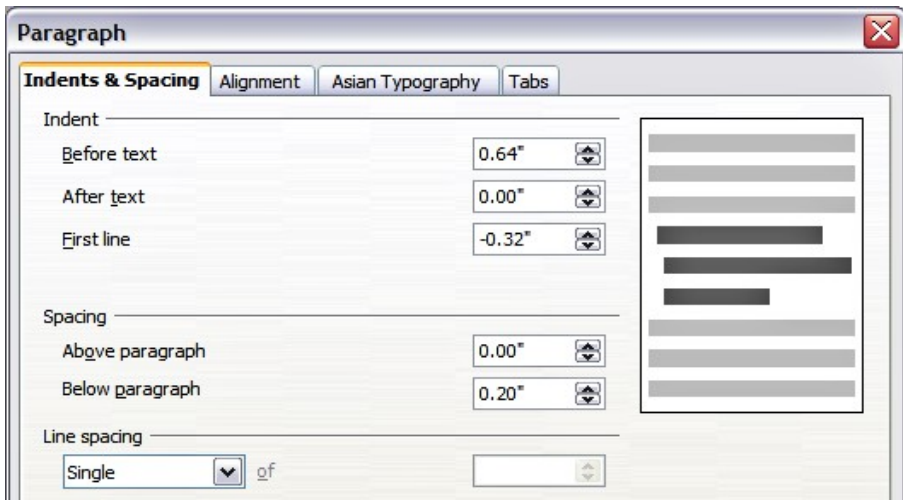


Figure 43: The paragraph formatting dialog

Indents and Spacing page

The *Indents and Spacing* page, shown in Figure 43, has four sections:

- **Indent:** modifies the indentation of the text (before and after) as well as the indentation of the first line.
- **Spacing:** defines the space before and after each paragraph formatted with the style.

- **Line spacing:** determines the spacing between two lines formatted with the style. Note that selecting *Proportional* spacing requires specifying the percentage of a line to be used as spacing; 100% corresponds to a single line, 200% to a double line, 50% to half a line. If *Leading* is selected, specify the amount of line spacing in your default unit of measurement.

Tip Setting the line spacing to less than 100% is a good method to cram a lot of text into a text box, however care must be taken as too small a value will make the text hard to read.

Tip You can change the default unit of measurement, for example from inches to centimetres, from **Tools > Options > OpenOffice.org Impress > General**.

- **Preview area:** provides a visual representation of the settings before you apply them.

The Indents and Spacing page is also available when creating or modifying a graphics style, or modifying a presentation style, as shown in Figure 44.

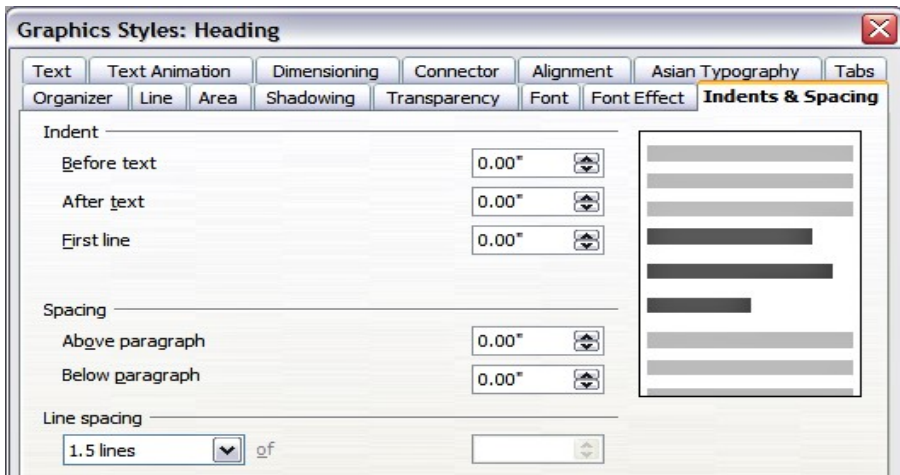


Figure 44: Insert and Spacing settings for the selected paragraph or style

Alignment page

Use the *Alignment* page to determine the text alignment: Left, Right, Center, or Justified. A preview shows the effects of the changes. The same choices can be

accessed from the Text Formatting toolbar.



This page is also available when creating or modifying a graphics style, or modifying a presentation style.

Tabs page

Use the *Tabs* page, shown in the style modification dialog in Figure 45, to set tab stops. To delete one existing tab stop, select it in the list and click the **Delete** button. To delete all the tab stops, click the **Delete All** button. To create a new tab stop:

- 1) Set the size of the tab stop in the edit box on the left.
- 2) Select the type. If you set the type to *Decimal*, specify in the box below the character to be considered the decimal point.
- 3) Select a fill character which will be drawn from the tab insertion point up to the tab stop. You can choose any character to act as fill character.
- 4) Click the **New** button to apply the new tab stop.

This page is also available in the **Format > Paragraph** dialog, as seen in Figure 43.

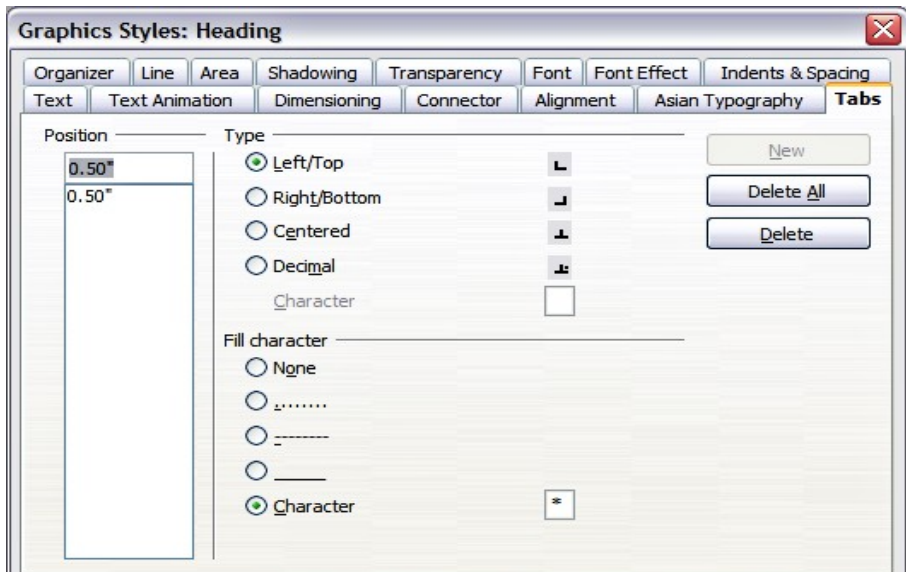


Figure 45: Dialog to set tab stops in a paragraph or a style

Asian Typography page

Use the *Asian Typography* page, shown in Figure 46, to set the following properties relative to line changes:

- Apply list of forbidden characters to the beginning and end of lines
- Allow hanging punctuation
- Apply spacing between Asian, Latin and Complex text

Their use is self-explanatory.

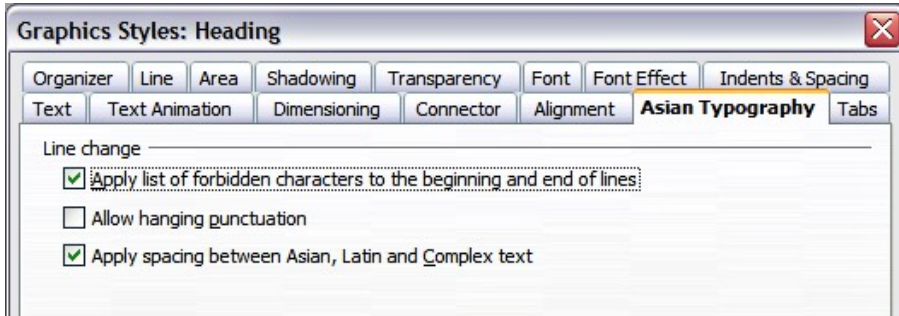


Figure 46: The Asian Typography page options

Creating bulleted and numbered lists

The procedure to create a bulleted or numbered list is quite different depending on the type of text box used, although the tools to manage the list and customize the appearance are the same.

In text boxes created automatically by Impress (called AutoLayout), the outline styles available are by default bulleted lists, while for normal text boxes an additional step is required to create a bulleted list.

Creating lists in AutoLayout text boxes


Every text box included in the available layouts is already formatted as a bulleted list, therefore to create a bulleted list the only necessary steps are:

- 1) From the Layout pane, choose a slide design that contains a text box. Those are easily recognizable from the thumbnail.
- 2) Click in the text box that reads **Click to add an outline**.
- 3) Type the text, then press *Enter* to start a new bulleted line.
- 4) The default list type is a bulleted list. The mechanisms to change the list from bulleted to numbered and vice versa are explained in “Changing the appearance of the list” on page 59.

Tip Press *Shift + Enter* to start a new line without creating a new bullet or number. The new line will have the same indentation of the previous line. Press instead the button bullets on/off on the text formatting toolbar for a line without bullet. If the text formatting toolbar is not showing, enable it selecting **View > Toolbar > Formatting** in the menu bar.

Creating lists in other text boxes

To create a list in a text box, follow these steps:

- 1) Place the cursor in the text box.
- 2) Click the **Bullets On/Off** button  on the text formatting toolbar. If the text formatting toolbar is not showing, enable it by selecting **View > Toolbar > Formatting** from the menu bar.
- 3) Type the text and press *Enter* to start a new bulleted line.
- 4) The default list type is a bulleted list. The mechanisms to change the appearance of the list are explained on page 59.

Creating a new outline level

- 1) If necessary, press *Enter* to begin a new line.
- 2) Press *Tab*. Each time you press *Tab* the line indents to the next outline level. Pressing *Enter* creates a new line at the same level as the previous one. To return to the previous level, press *Shift+Tab*.

In the AutoLayout text boxes, promoting or demoting an item in the list corresponds to applying a different outline style, so the second outline level corresponds to Outline 2 style, the third to Outline 3 style and so on.

Caution



Unlike styles in Writer, do not try to change the outline level by selecting the text and then clicking the desired outline style. Due to the way the presentation styles work, it is not possible to apply them in this way.

Changing the appearance of the list

You can fully customize the appearance of a list, changing the bullet type or numbering for the entire list or for single entry. All the changes can be made using the Bullets and Numbering dialog, which is accessed by selecting **Format > Bullets and**

Numbering or by clicking on the **Bullets and Numbering** icon  on the text formatting toolbar.

Selecting the entries

For the entire list:

- 1) Select the entire list or click on the gray border of the text box so that just the green resizing handles are displayed.
- 2) Select **Format > Bullets and Numbering** or click on the **Bullets and Numbering** icon.

- 3) The Bullets and Numbering dialog (Figure 47) contains five tabs: Bullets, Numbering type, Graphics, Position, and Customize.
- If a bulleted list is needed, select the desired bullet style from the six default styles available on the *Bullets* page.
 - If a graphics style is needed, select one from those available on the *Graphics* page.
 - If a numbered list is needed, select one of the six default numbering styles on the *Numbering type* page.

Later in this section is an explanation on how to add further bullets and numbering styles to the existing ones.

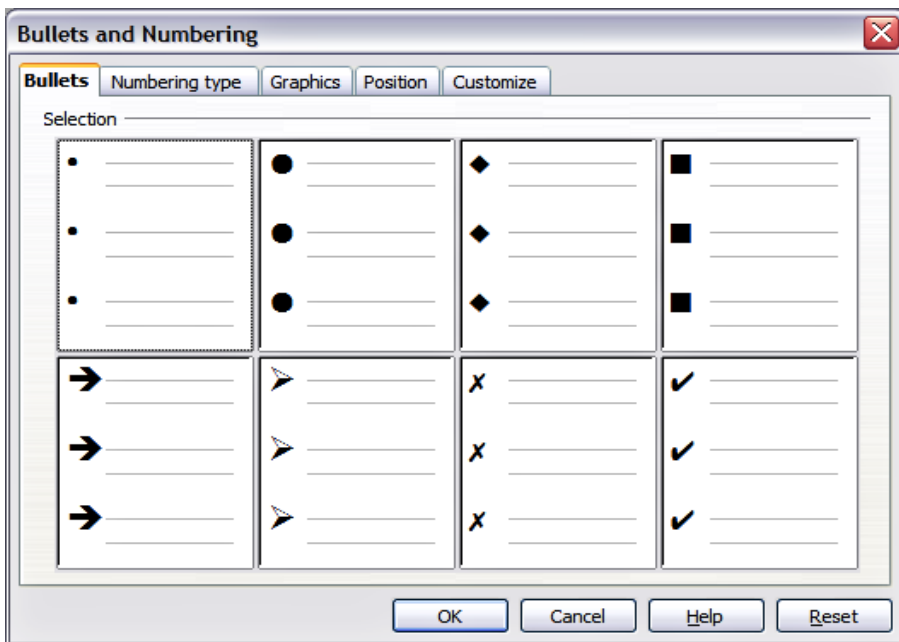


Figure 47: The Bullets and Numbering dialog

For a single line in the list:

- 1) Click anywhere in the line to place the cursor in it.
- 2) Follow steps 2–4 of the previous instruction set.

If the list was created in an AutoLayout text box, then an alternative way to change the entire list is to modify the Outline styles. Changes made to the outline style will apply to all the slides using them. Sometimes this is what you want; sometimes it is not, so some care must be taken. Follow the procedure to change the Presentation style described in “Modifying a style” on page 49. The tabs related to list management in Figure 37 are the same ones described below.

Bullets, Numbering type and Graphics pages

These three tabs contain predefined formatting for either the bullet type (Bullets and Graphics tabs) or for the numbering. To apply a specific one, it is sufficient to click on the image. A thick border will indicate the selection.

Position page

Use the *Position* page, shown in Figure 48, to fine tune the indentation and spacing of the bullet point and its text. This page is particularly effective when used in combination with the *Customize* page.

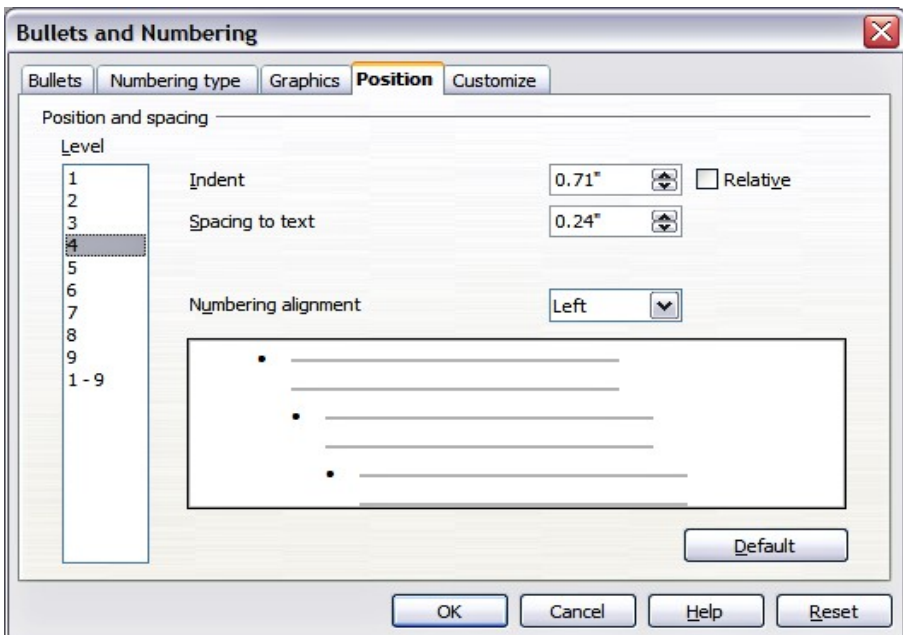


Figure 48: The *Position* page used to set list indentation

To set up an outline level, first select it from the list on the left hand side of the page. Then set the Indent, which is the spacing between the bullet or number and the text. If you select the checkbox **Relative** next to the indent, the indent value will be measured relative to the previous level and not from the margin.

The numbering alignment is only useful when creating a numbered list; use it to specify the alignment of the numbers. For example, you may want to align them to the right to line up one- and two-digit numbers in a pleasing way.

Tip To fully appreciate how the Numbering alignment works, try to create a numbered list with more than 10 elements and make sure that enough room has been made for a two (or more) digit number.

The *Position* page is not available if you are modifying a presentation style or graphics style, however the same effects can be obtained by using the *Indents and Spacing* page of the dialog for creating or modifying a slide (see Figure 44).

Customize page

Use the *Customize* page, shown in Figure 49, to alter the style of all the outline levels. The options available on this page depend on the type of marker selected for the list. Select first the level you want to modify on the left hand side of the box. To modify all 9 levels at once, select *1 – 9* as the level. Because the levels are arranged in a hierarchical structure, changing for example the font attribute of one of the levels ripples through all the lower levels.

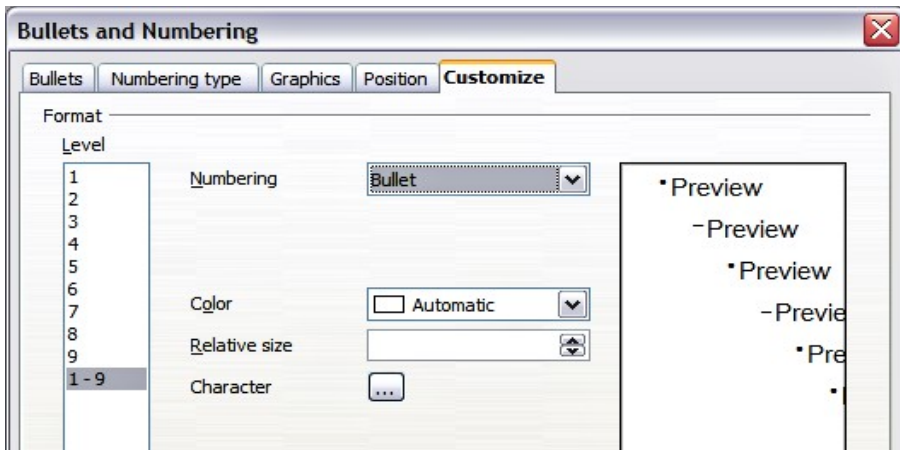


Figure 49: The *Customize* page for the list outline

Depending on the numbering style selected in the Numbering box (bullet, graphic, numbering), some of the following options become available on the page:

- **Before:** Enter any text to appear before the number (for example, *Step*).
- **After:** Enter any text to appear after the number (for example, a punctuation mark).
- **Color:** Pick the color for the list marker (number or bullet character).
- **Relative size:** Specify the size of the number relative to the size of the characters in the paragraph of the list.
- **Start at:** Enter the first value of the list (for example, you might want the list to start at 4 instead of 1).
- **Character button:** Click this button to select the character for the bullet.
- **Graphics selection button:** Opens a list of available graphics (Gallery) or allows the selection of a file on the hard disk to be used as marker.

- **Width and Height:** Specify the dimensions of the graphic marker.
- **Keep ratio checkbox:** If selected, the ratio between the width and the height of the graphic marker is fixed.

The right hand side of the screen shows a preview of the modifications made.

To revert to the default values, click the **Reset** button in the bottom right corner.

Using the Customize page, you can create complex structured layouts, for example a nested list with numbering followed by bullets, as in Figure 50.

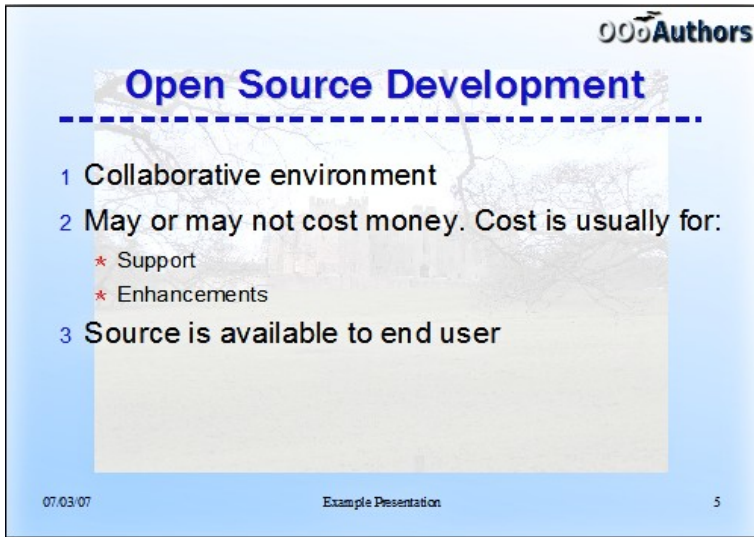


Figure 50: Nested list with mixture of numbers and bullets

Changing the order or the outline level of bulleted or numbered lines

Click once in a line of text to place the cursor in it, then click on the Outline tab (to the right of the Normal tab) in the Workspace and use the **Promote/Demote** buttons in the Text Formatting toolbar to move the text to the appropriate position and give it the appropriate outline level.



The button with the arrow pointing left promotes the list entry by one level (for example from Outline 3 to Outline 2), the right arrow button demotes the list entry by one level, the up and down arrow buttons move the list entry. Numbering adjusts automatically.

Tip

You can also use the *Tab* key and *Shift + Tab* keys to promote and demote the outline level of a line in a list.

Using fields

Fields allow the insertion of text automatically in the slide. Rather than text, think of a field as a kind of formula which is calculated when the document is loaded or printed, where the result of the formula is written to the document.

Inserting a field

To insert a field in a slide, move the cursor where the field will be and then select from the menu bar **Insert > Fields** followed by one of these choices:

- **Date (fixed)**: inserts the date at time of inserting the field.
- **Date (variable)**: upon loading the file, the field is updated and contains the date at the time of opening the file.
- **Time (fixed)**: a field displaying the time of insertion.
- **Time (Variable)**: a field which is updated at time of opening the file.
- **Author**: The author of the presentation. This information is derived from the value recorded in the general options. To modify this information go to **Tools > Options > OpenOffice.org** section then select **User Data**.
- **Page number**: inserts the page number of the slide.
- **File name**: a field with the name of the file.

By default, the fields are displayed with a gray background. To remove the shading, go to **View** in the menu bar and deselect **Field Shading**; alternatively, press *Control +F8*.

Customizing fields

The appearance of all the fields, excluding the page number field, can be customized from the corresponding field editor. To access the field editor (Figure 51):

- 1) Move the cursor to the field and select it.
- 2) Select **Edit > Fields** from the menu bar.
- 3) Select the desired format in the dialog that appears.
- 4) Click **OK** when satisfied.

Tip	A similar list of format choices can be accessed by selecting the field and right-clicking.
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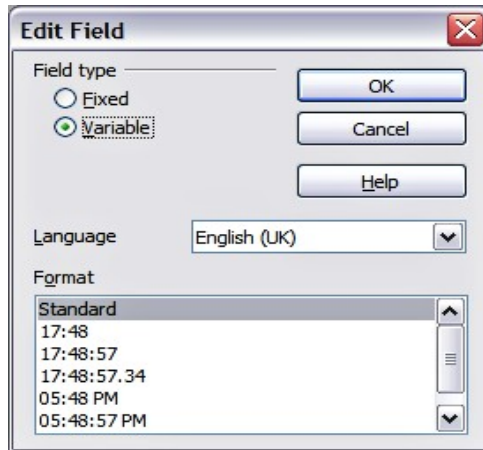


Figure 51: Dialog to set up the Time format for a time field.

Modifications to the page number fields can be done in two different ways:

- Select the field and apply the formatting manually.
- Switch to the slide master editing mode (**View > Master > Slide Master**), then modify the Background object style as desired. Once back in Normal view, insert the page numbers from the **Insert > Page Number** box. See Chapter 2 for more information about editing a slide master.

Tips on use of fields

When you want to have the same field appearing on all the slides of the presentation (for example the page number), it is faster and more convenient to add the field to the slide master, as explained in Chapter 2.

Some fields, such as the file name or the author, are often more suitable to be inserted in a single slide such as the first or the last.

Using hyperlinks

When inserting text (such as a website addresses or URL) that can be used as a hyperlink, Impress formats it automatically, creating the hyperlink and applying to the text a color and underlining. If you do not want OOo to do that, select **Edit > Undo Insert** from the menu bar or press **Control+Z** immediately after the formatting has been applied.

You can also insert hyperlinks manually.

Tips

To prevent OOo from automatically turning website addresses (URLs) into hyperlinks, go to **Tools > AutoCorrect > Options** and deselect the **URL Recognition** checkbox.

To change the color of hyperlinks, go to **Tools > Options > OpenOffice.org > Appearance**, scroll to *Unvisited links* and/or *Visited links*, select the checkboxes, pick the new colors and click **OK**.

Caution: this will change the color for all hyperlinks in all components of OpenOffice.org—this may not be what you want.

To insert a hyperlink, or to customize the appearance of a hyperlink, select **Insert > Hyperlinks** from the menu bar. The dialog shown in Figure 52 opens.

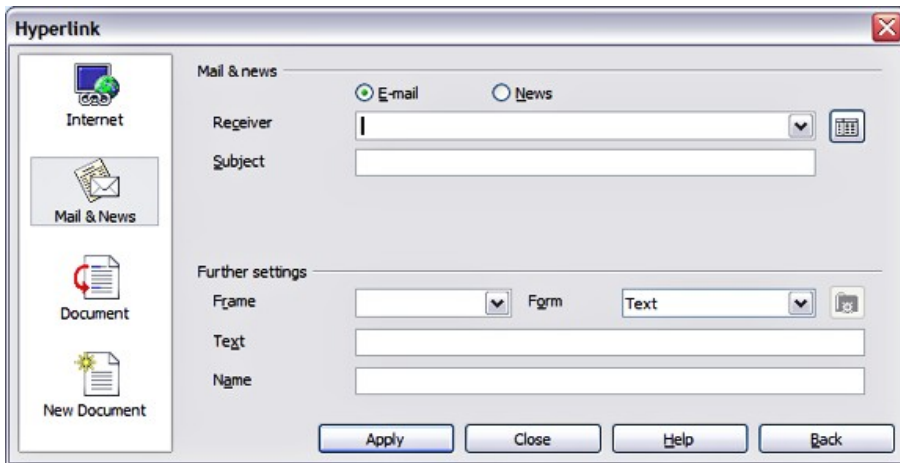


Figure 52: Dialog to edit hyperlinks

On the left hand side, select one of the four types of hyperlinks:

- **Internet:** a web address, normally starting with `http://`
- **Mail & News:** for example an email address.
- **Document:** the hyperlink points to another document or to another place in the presentation.
- **New document:** the hyperlink creates a new document.

The top right part of the dialog changes according to the choice made for the hyperlink type. A full description of all the choices, and their interactions, is beyond the scope of this chapter. Here is a summary of the most common choices used in presentations.

For an *Internet* type hyperlink, choose the type of hyperlink (choose between Web, FTP or Telnet), and enter the required web address (URL).

For a *Mail and News* type hyperlink, specify whether it is a mail or news link, the receiver address and for email, also the subject.

For a *Document* type hyperlink, specify the **document path** (the **Open File** button opens a file browser); leave this blank if you want to link to a target in the same presentation. Optionally specify the target in the document (for example a specific slide). Click on the **Target** icon to open the Navigator where you can select the target, or if you know the name of the target, you can type it into the box.

For a *New Document* type hyperlink, specify whether to edit the newly created document immediately or just create it (**Edit later**) and the type of document to create (text, spreadsheet, etc.). For a presentation, **Edit now** is the more likely choice. The **Select path** button opens a directory picker.

The *Further settings* section in the bottom right part of the dialog is common to all the hyperlink types, although some choices are more relevant to some types of links.

- Set the value of **Frame** to determine how the hyperlink will open. This applies to documents that open in a Web browser.
- **Form** specifies if the link is to be presented as text or as a button. See “Working with hyperlink buttons” for more information.
- **Text** specifies the text that will be visible to the user.
- **Name** is applicable to HTML documents. It specifies text that will be added as a `NAME` attribute in the HTML code behind the hyperlink.
- **Event** button: this button will be activated to allow OOo to react to events for which the user has written some code (macro). This function is not covered in this book.

Editing text hyperlinks

To edit a text hyperlink, select it (by dragging across the text, not clicking on it), then choose **Edit > Hyperlink** from the main menu bar. Make changes as needed and click **Apply** when done. If you need to edit several hyperlinks, you can leave the Hyperlink dialog open until you have edited all of them. Be sure to click **Apply** after each one. When you are finished, click **Close**.

Working with hyperlink buttons

A hyperlink button is inserted in the center of the current slide. In most cases, that is not where you want it to appear. To edit the text or size of a hyperlink button, or to move it to another place on the slide, first display the Form Controls toolbar (**View > Toolbars > Form Controls**). Select the **Design Mode On/Off** icon (upper right corner of the toolbar).

Now you can click on the button and drag it to another position, or right-click to open a dialog where you can change the text on the button, the size of the button, and other properties.

When you have finished editing the button, click the **Design Mode On/Off** icon again to make the button active again.





Chapter 4

Adding and Formatting Pictures

Pictures are often used in presentations as they can convey quickly a large amount of information. When wisely used, they can also give the presentation a professional look. Some presentations may require each slide to be marked with a company logo. You may also want to use Impress to create a presentation consisting only of pictures, such as a slideshow of holiday snapshots to share with friends.

This chapter describes how to insert and format pictures.

Inserting pictures

This section describes several ways to insert a picture from an external source into the presentation. Once the picture has been inserted, it can be formatted extensively as explained later in this chapter.

Inserting a picture from a file

Inserting a picture from a file is quick and easy. If the layout of the slide already contains a placeholder for a graphic (see Figure 53), double-click anywhere in the graphics frame. This opens a dialog for selecting the file to be inserted. The detailed procedure is given below.

Whether you are using an AutoLayout for the placement of the picture, or you are just inserting a picture, follow these steps:

- 1) Select **Insert > Picture**. (When using an AutoLayout; double-click in the graphics frame instead.)
- 2) In the Insert Picture dialog (Figure 54), browse to the directory containing the desired picture.
- 3) Select the file. OOo recognizes a very large number of image types and, if the Preview check box is selected, will display a reduced copy of the selected file.

- 4) Click **Open** to place the picture on the current (selected) slide. The picture is now displayed on the slide with green resizing handles around it.

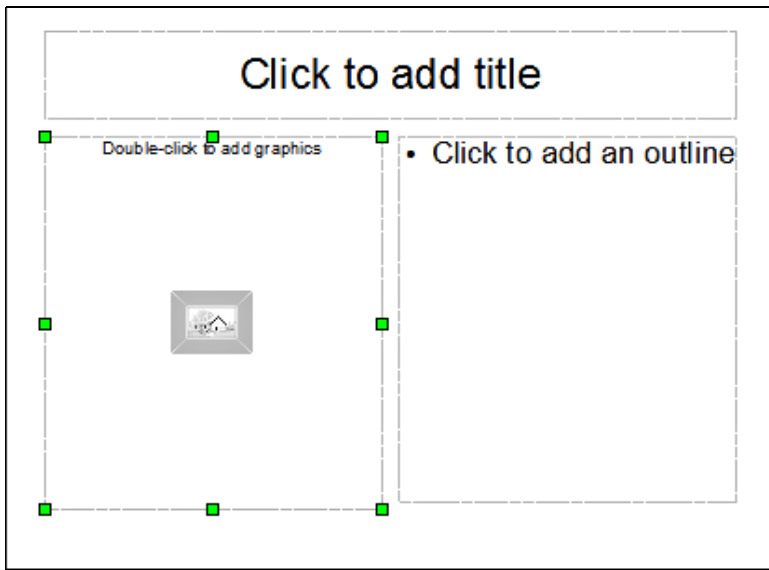


Figure 53: Slide with automatic layout including a placeholder for graphic object

Notice in the Insert picture dialog (Figure 54) the two checkboxes called **Link** and **Preview**. Their position is determined by the operating system, but they are normally in the bottom part of the dialog.

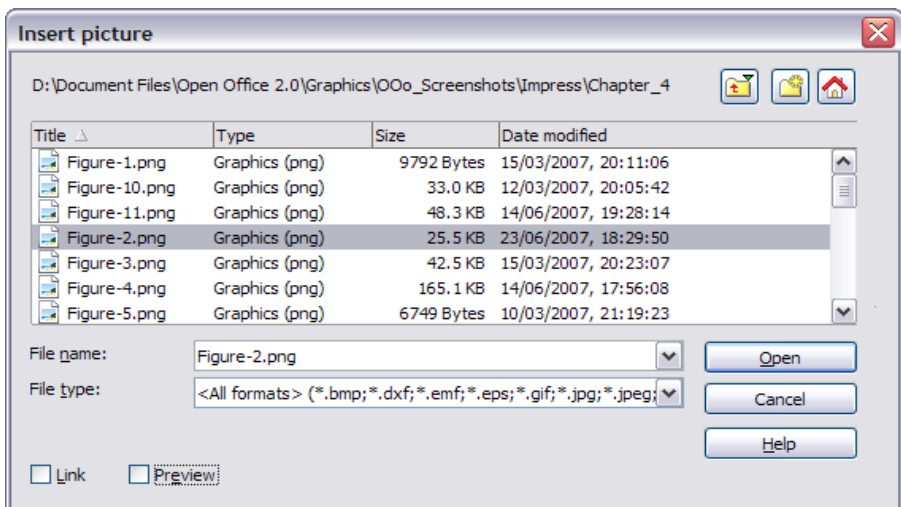


Figure 54: Inserting a picture from a file

If **Preview** is checked, and if the selected file is in one of the many formats that OOo recognizes, a thumbnail of the selected image shows in the preview area on the right (not shown in Figure 54).

Select the **Link** checkbox to insert the picture as a link to the file rather than embedding the file itself. In general it is preferable to embed images so that the presentation can be copied to other computers, however on some occasions it makes sense to link the image rather than embed it:

- When the image file is quite large (linking rather than embedding will dramatically reduce the size of the presentation file)
- When the same image file is used in many presentations (for example when using the same background image for all the presentations created)
- When the linked file will be available when loading the presentation (for example if the presentation is a slide show of holiday pictures)

Inserting a picture from a scanner


Inserting an image from a scanner is normally fairly straightforward. Make sure that the scanner is supported by the SANE system if you are running the Linux (or other UNIX-like) operating system, or TWAIN if you are using a Windows version, and that it is already configured on the machine on which OOo is running. In case more than one scanner or equivalent device are present, select the source from **Insert > Picture > Scan > Select Source**.

To insert an image from the scanner:

- 1) Prepare the image in the scanner and make sure that the scanner is ready.
- 2) Select **Insert > Picture > Scan > Request**.
- 3) The rest of the procedure depends on the scanner driver and interface. You will normally be required to specify the resolution, a scan window and other parameters. Consult the scanner's documentation for more information.
- 4) When the image is ready, Impress places it in the slide. At this point it can be edited as any other image.

Inserting a picture from the Gallery

The Gallery contains a collection of images that you can use in a presentation. You can also add your own images to the Gallery, making it an essential tool for creating presentations quickly and with a consistent look. The Gallery is available in all components of OpenOffice.org. For an introduction to the Gallery, see Chapter 14 (Working with the Gallery) in the *Getting Started* guide.

Select **Tools > Gallery** or click the Gallery icon  on the Drawing toolbar.

By default, the Gallery (shown in Figure 55) is docked above the Impress workspace. To expand the Gallery, position the pointer over the line that divides it from the top of the workspace. When the pointer changes to parallel lines with arrows, click and drag downward. The workspace will resize in response.

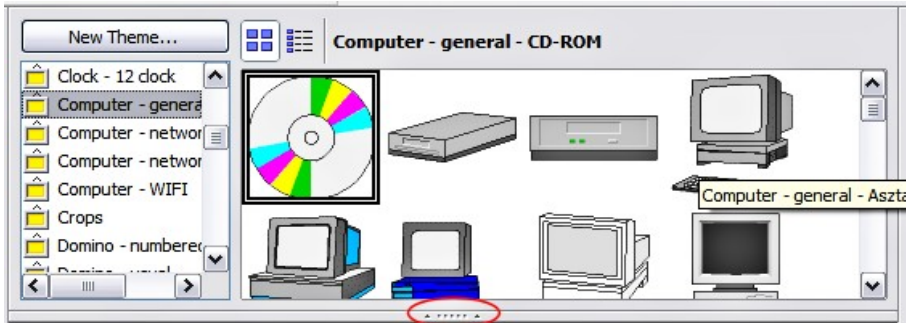


Figure 55: The Gallery with the Hide/Show selector circled

To expand the Gallery without affecting the Impress workspace, undock it so it floats over the workspace. To do so, hold down the *Control* key and double-click on the upper part of the Gallery next to the View icons (see Figure 55). Double-click in the same area to dock it again (restore it to its position over the workspace).

When the Gallery is docked, to hide it and view the full Impress workspace, click the **Hide/Show** button in the middle of the thin bar separating the Gallery from the workspace (see Figure 55). The **Hide/Show** button lets you keep the Gallery open for quick access while you create your slide show, yet out of the way when you need it to be. Additional information on the use of the Gallery can be found in “Managing the Gallery themes” on page 79.

Once you are satisfied with the Gallery display, select a theme from the left pane and then scroll as necessary through the right pane to find a suitable image. Click on the image and drag it onto the workspace.

Figure 56 shows an example of an image dragged from the Gallery.

At this point the image will be in your slide, but may not be of a satisfactory size; if necessary, re-size it as described in “Resizing a picture” on page 72.

Formatting pictures

This section discusses the formatting of pictures inserted with one of the methods explained in “Inserting pictures” on page 68.

Moving a picture

- 1) Click the picture, if necessary, to show the green resizing handles.

- 2) Move the pointer over the picture until the pointer changes shape. On most operating systems, the cursor associated with moving objects is a four headed arrow, but it may also be a hand or some other symbol.
- 3) Click and drag the picture to the desired position.
- 4) Release the mouse button.

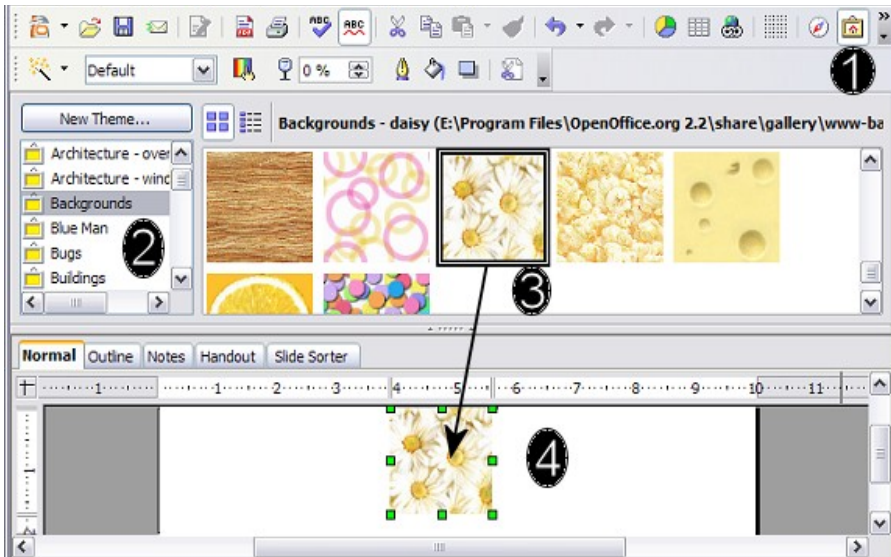


Figure 56. Inserting an image from the Gallery

For a more accurate placement of the picture, use the Position and Size dialog described in Chapter 6 (Formatting Graphic Objects).

Resizing a picture

- 1) Click the picture, if necessary, to show the green resizing handles.
- 2) Position the pointer over one of the green resizing handles. The pointer changes shape giving a graphical representation of the direction of the resizing.
- 3) Click and drag to resize the picture.
- 4) Release the mouse button when satisfied with the new size.

The corner handles resize both the width and the height of the graphic object simultaneously, while the other four handles only resize one dimension at a time.

Tip To retain the original proportions of the graphic, *Shift+click* one of the corner handles, then drag. Be sure to release the mouse button **before** releasing the *Shift* key.

For more accurate resizing of the graphic object, use the Position and Size dialog described in Chapter 6 (Formatting Graphic Objects).


Caution



Be aware that re-sizing a bit-mapped (raster) image will adversely affect the resolution, causing some degree of blurring. It is better to externally size your picture before insertion into your presentation, if possible.

Rotating a picture

As for the position and the size, rotation of a picture can be done manually or using a dedicated dialog. The Rotation dialog is described in Chapter 6 (Formatting Graphic Objects). To rotate a picture manually, do as follows:

- 1) Select the picture if necessary so that the green handles around it show.
- 2) Click the **Rotate** button  on the Drawing toolbar. This toolbar is usually located at the bottom the screen, but it can be undocked and used as a floating toolbar. If the toolbar is not showing, select **View > Toolbars > Drawing**. The Drawing toolbar is discussed in detail in Chapter 5 (Creating Graphic Objects).

Note

The icons representing the functions in the toolbars are different, depending on the operating system used and on whether OOo has been customized for the Linux distribution in use or not. When in doubt, hover the mouse over the icons and wait for the tooltip to appear showing the name of the button.

- 3) Eight red circular handles replace the green square handles, as shown in Figure 57. Move the mouse over one of the corner handles and the mouse cursor shape will change. Click the mouse and move in the direction in which you want to rotate the picture.
- 4) When satisfied, release the mouse button.

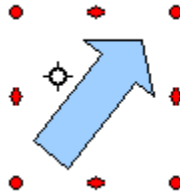


Figure 57: Shape showing the red rotating handles. Only the corner ones are active.

At step 2 a black crosshair with a circle appears in the middle of the picture: this represents the pivot point for the rotation. Normally the center of the picture will be just fine, but on some occasions you may wish to rotate around a corner or even around a point outside the picture; to do that, click on the crosshair and drag it to the desired position before applying the rotation, as shown in Figure 57.

To restrict the rotation angles to multiples of 15 degrees, press the *Shift* key while rotating the graphic. This is very handy to rotate pictures of right angles, for example from portrait to landscape or vice versa.

Formatting using the Picture toolbar

When a picture is selected, the Picture toolbar (Figure 58) becomes available. This toolbar provides a number of formatting options which are described in this section. If the picture toolbar does not show when an image is selected, display it by selecting **View > Toolbars > Picture** from the menu bar.




Figure 58: The Picture toolbar

Applying filters

Use the left-most icon on the toolbar to apply various filters to the selected picture. The best way to judge if a filter works for your picture is to try it (step 4 of the following procedure explains how to undo).

To apply a filter:

- 1) Select the image so that the green handles around it show.
- 2) Click on the magic wand icon  in the Picture toolbar. The toolbar will expand to show the icons in Figure 59.

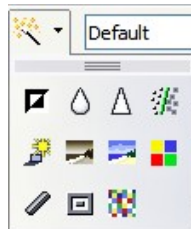


Figure 59: The graphic filters available in Impress

- 3) Select the filter to apply. To show the name of the filter, hover the mouse pointer over the icon and wait for the tooltip to appear.

If not satisfied with the effect obtained, before doing anything else click the Undo button or select **Edit > Undo: Bitmap Graphic Filter** from the menu bar or press *Control+Z*.

Table 1 describes briefly each of the available graphic filters and their effects. See the *Draw Guide* for examples of the effects.

Table 1: Graphic filters and their effects


Icon	Name	Effect
	Invert	Inverts the color values of a color image, or the brightness values of a grayscale image.
	Smooth	Softens the contrast of an image.
	Sharpen	Increases the contrast of an image.
	Remove noise	Removes single pixels from an image.
	Solarization	Mimics the effects of too much light in a picture. A further dialog opens to adjust the parameters.
	Aging	Simulates the effects of time on a picture. Can be applied several times. A further dialog will open to adjust the aging level.
	Posterize	Makes a picture appear like a painting by reducing the number of colors used.
	Pop Art	Modifies the picture dramatically.
	Charcoal	Displays the image as a charcoal sketch.
	Relief	A dialog is displayed to adjust the light source that on turn will create the shadow and hence the relief effect.
	Mosaic	Joins groups of pixels into a single area of one color.

Changing the Graphics mode

Use the next box in the Picture toolbar to change the mode of the image. Choose between:

- **Default:** no changes to the graphic object.
- **Grayscale:** the image is converted to scales of gray.
- **Black/White:** each pixel of the image is converted to black or white depending on the brightness value.
- **Watermark:** adjusts the brightness of the image making it suitable to be used as a watermark. For more information on creating watermarks, refer to Chapter 2.



Adjusting the color

Clicking the color adjustment button  on the Picture toolbar opens the color adjustment dialog, shown in Figure 60.

Use this dialog to modify the individual color components of the image (red, green, blue) as well as the brightness, contrast, and gamma of the image. If the result is not satisfactory, press *Control*+*Z* to restore the default values.

Setting the object transparency

Modify the percentage value in the Transparency box

  on the Picture toolbar to make the image more transparent. Note that this is different from the transparency settings for a line or a shape (described in Chapter 5).

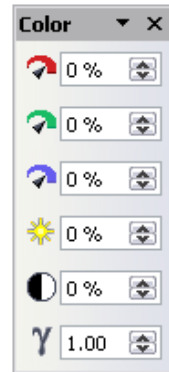



Figure 60: The color adjustment dialog

Adjusting the line, area and shadow settings

These settings are not very commonly used for images, with the exception of the shadow setting that applies a shadow to the image.

Cropping pictures

To start cropping a picture, select the **Crop** icon  on the Picture toolbar (Figure 58).

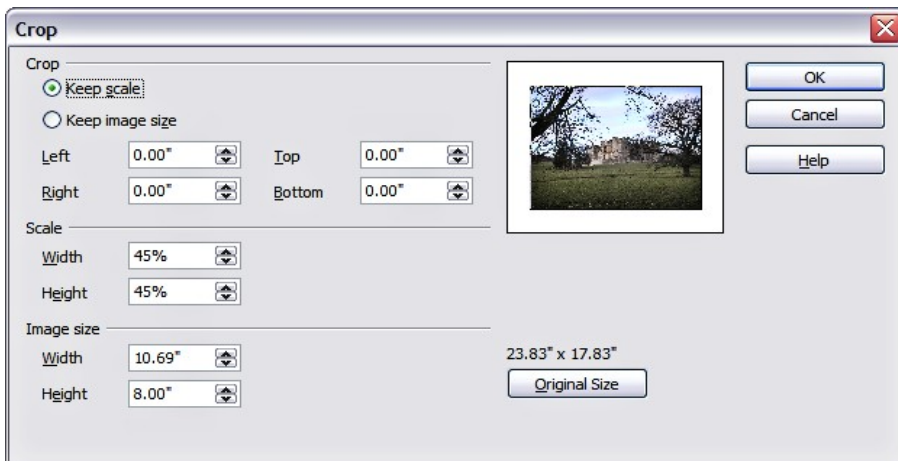


Figure 61: The options available when cropping a picture

The Crop dialog (Figure 61) has the following options:

- **Keep scale / Keep image size** buttons: when *Keep scale* is selected (default), cropping the image does not alter the scale of the picture. When *Keep image size* is selected, cropping produce enlargement (for positive cropping values), shrinking (for negative cropping values), or distortion of the image so that the image size remains constant.
- **Left, Right, Top, and Bottom**: the function of these boxes changes according to the choice made between *Keep scale* and *Keep image size*. In both cases, when a value is entered in one of these boxes, the image is cropped by that amount. For example, a value of 3cm in the Left box will cut 3cm from the left side of the picture.

When *Keep scale* is selected, the size of the image also changes, so in this example the width will be reduced by 3 cm. If *Keep image size* is selected instead, the remaining part of the image is enlarged (positive values for cropping) or shrunk (negative values for cropping) so that the width and height of the image remains unchanged.

Note that the *Width* and *Height* fields change as you enter the values when in this mode. Use the thumbnail next to these fields to determine the correct amount by which to crop.

- **Scale Width and Height**: specify in percentages the scaling of the picture. The size of the image changes accordingly.
- **Image size**: specify the size of the image in your preferred unit of measurement. The image enlarges or shrinks accordingly.
- **Original size**: when clicked, restores the original image size.

Deleting a picture



- 1) Click on the picture, if necessary, to show the green resizing handles.
- 2) Press **Delete**.

Creating an image map

An image map defines areas of the image (called *hotspots*) with a URI (a web address or a file on the computer). Hotspots are the graphic equivalent of text hyperlinks. Clicking on a hotspot causes Impress to open the linked page in the appropriate program (for example, the default browser for an HTML page; OOo Writer for a .ODT file; a PDF viewer for a PDF file). You can create hotspots of various shapes, and include several hotspots in the same image.

To use the image map tool:

- 1) Select the picture where the hotspots will be defined.

- 2) Choose **Edit > ImageMap** from the menu bar. The ImageMap Editor dialog (Figure 62) opens.
- 3) Use the tools and fields in the dialog to define the hotspots and links necessary.
- 4) Click the **Apply** icon  to apply the settings.
- 5) When done, click the **Save** icon  to save the imagemap to a file, then click the **X** in the upper right corner to close the dialog.

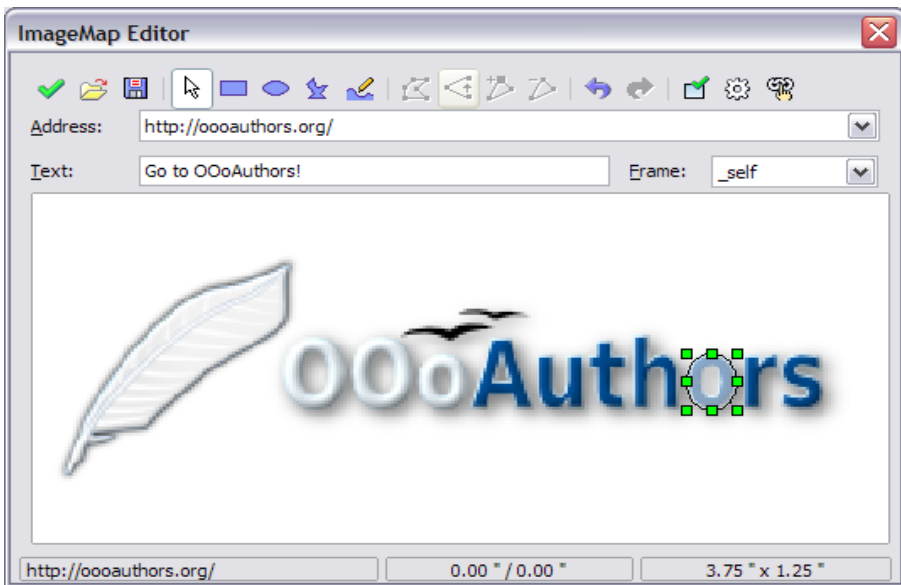


Figure 62: The dialog to create image maps. The last 'o' is set as an active hotspot

The top part of the dialog contains the following tools:

- **Apply** button: click this button to apply the changes.
- **Load, Save, and Select** icons.
- Tools for drawing a hotspot shape: these tools work in exactly the same way as the corresponding tools in the Drawing toolbar (described in Chapter 5).
- **Edit, Move, Insert, Delete Points**: advanced editing tools to manipulate the shape of a polygon hotspot. Select the Edit Points tool to activate the other tools.
- **Active** icon: toggles the status of the hotspot activating a deactivate the selected hotspot or deactivating it if active.
- **Macro**: associates a macro with the hotspot instead of just associating an hyperlink.

- **Properties:** sets the hyperlink properties and adds the Name attribute to the hyperlink.

Below the toolbar, specify for the selected hotspot:

- **Address:** the address pointed by the hyperlink. You can also point to an anchor in a document such as a specific slide number; to do this, write the address in this format:
`file:/// <path> /document_name#anchor_name`
- **Text:** enter the text that will be displayed when the mouse is moved over the hotspot.
- **Frame:** where the target of the hyperlink will open: pick among `_blank` (opens in a new browser window), `_self` (opens in the active browser window), `_top` or `_parent`.

Tip The value `_self` for the target frame will work just fine in the vast majority of the occasions. It is therefore not recommended to use the other values unless absolutely necessary.

The main part of the dialog shows the image on which the hotspots will be defined and the hotspot itself. Note that an active hotspot is indicated by a white shading, while an inactive hotspot is identified by a red border but no shading.

Managing the Gallery themes

Graphics in the Gallery are grouped by themes, such as Bullets, Rulers, and 3D Effects. The box on the left of the gallery window lists the available themes. Click on a theme to see its graphics displayed in the Gallery window (see Figure 55).

The default themes are locked; no items can be added or deleted from these themes. The locked themes are easily recognizable by right-clicking on them; the only available option in the pop-up menu is **Properties**.

In a default installation, only the *My themes* theme is customizable, although new themes can be added as explained in “Adding a new theme to the Gallery” on page 80.

Adding images to the Gallery

You can add new images to existing themes which you created or that can be edited. There are two ways to add an image to an existing theme.

Method 1 (selecting a file):

- 1) Right-click on the theme name in the list of themes and choose **Properties** from the pop-up menu.
- 2) Click the **Files** tab, if necessary.

- 3) Click **Add**.
- 4) Select a file and click **Open**. The image is added to the theme.

Method 2 (drag and drop):

- 1) Open the document containing an image you want to add to the Gallery, and display the Gallery theme to which you want to add it.
- 2) Position the mouse pointer above the image, without clicking.
- 3) If the mouse pointer changes to a hand symbol, the image refers to a hyperlink. In this case, press the *Alt* key while you click the image, to select it without executing the respective link. If the mouse pointer does not change to a hand symbol, you can simply click the image to select it.
- 4) Once the image is selected, evident from the green selection handles around it, release the mouse button. Click again on the image, keeping the mouse button pressed for more than two seconds. Without releasing the mouse button, drag the image into the document.
- 5) Release the mouse button.

Deleting images from the Gallery

To delete an image from a theme:

- 1) Right-click on the image in the Gallery window.
- 2) Choose **Delete** from the pop-up menu. A message appears, asking if you want to delete this object.
- 3) Click **Yes**.

Note The image is deleted from the Gallery only. The original image file is not deleted.

All the images in a gallery are actually linked files. From time to time it is beneficial to update the gallery theme to make sure that all the files are still there. To do so, right-click in the theme where you added at least one file and then select **Update** from the pop-up menu.

Adding a new theme to the Gallery

- 1) Click the **New Theme** button above the list of themes (see Figure 55).
- 2) Click the **General** tab and type a name for the new theme.
- 3) Click the **Files** tab.
- 4) Click **Find Files**. The Select Path dialog opens (Figure 63). Browse to the folder that contains the image files for the new theme and click **OK**.

- 5) Back on the Files tab, either click on **Add All** to install all of the files in the selected folder, or use *File Type* and/or select one or more files from the displayed list, and click on **Add** to install a selection of files to the new theme.
- 6) Click **OK** when finished.

Note The files do not show in the large box under the **File Type** box; and under the **General** tab, the **Contents** will display as “0 Objects,” but the chosen files will be inserted into the new theme. Remember, you can always add or delete image files later.

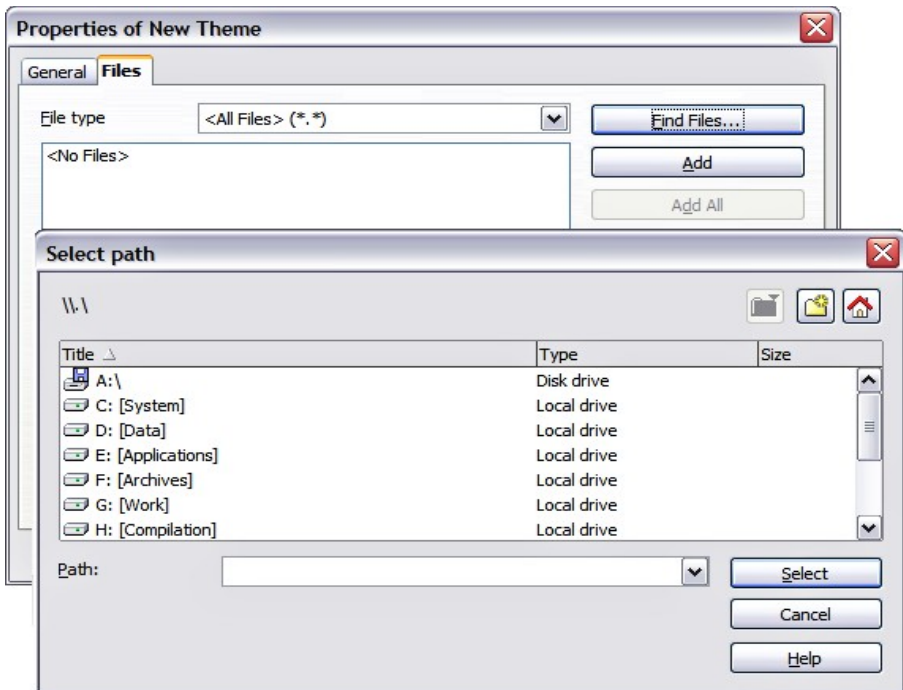


Figure 63. Setting up a new theme in the Gallery



Chapter 5

Creating Graphic Objects

This chapter describes how to create your own graphics using the drawing tools available in Impress. It focuses on the most commonly used tools and techniques.

Impress also contains a number of advanced drawing functions that are rarely used when creating a presentation and are not fully described in this book. To create more advanced graphic objects, the reader is invited to use OpenOffice.org Draw and then to import the graphic object created there into an Impress slide. See the *Draw Guide* for more details.

The Drawing toolbar

The Drawing toolbar collects the majority of the tools normally used to create graphic objects. If this toolbar is not showing, select **View > Toolbars > Drawing** from the main menu bar.

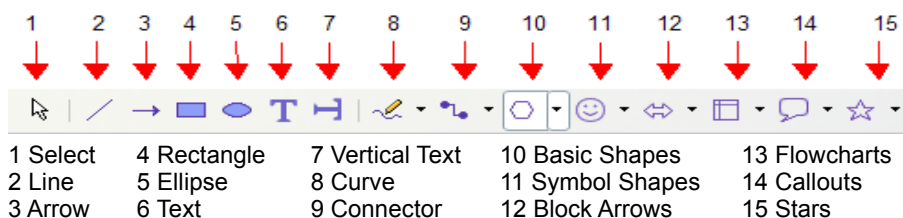


Figure 64: First section of Drawing toolbar with drawing objects tools

The toolbar can be divided into two parts. The first part contains drawing objects, as shown in Figure 64. The tools in this part of the Drawing toolbar are:

- **Select:** selects objects. To select multiple objects click on the top leftmost object and while keeping the mouse button pressed, drag the mouse to the bottom rightmost object of the intended selection. A marching ants rectangle identifying the selection area is displayed. It is also possible to select several objects by pressing the *Control* button while selecting the individual objects.

- **Line:** draws a straight line.
- **Arrow:** draws a straight line ending with an arrowhead. The arrowhead will be placed where you release the mouse button.
- **Rectangle:** draws a rectangle. Press the *Shift* button to draw a square.
- **Ellipse:** draws an ellipse. Press the *Shift* button to draw a circle.
- **Text:** creates a text box with text aligned horizontally.
- **Vertical text:** creates a text box with text aligned vertically. This tool is available only when Asian language support has been enabled in **Tools > Options > Language Settings > Languages**.
- **Curve:** draws a curve. Click the black triangle for more options, shown in Figure 65. Note that the title of the submenu when undocked is *Lines*.



Figure 65: Available curve options

- **Connectors:** draws a connector line between two figures. Click the black triangle for additional connectors, shown in Figure 66. The use of connectors is described in “Working with connectors” on page 86.



Figure 66: Connectors options

- **Basic Shapes, Symbol Shapes, Block Arrows, Flowcharts, Callouts, Stars:** click the black triangle to open a toolbar showing the available shapes in that category. The default shapes are shown in Figure 67. Select the desired shape, then draw as normal. Keep the *Shift* key pressed to obtain a shape where the height and width are equal.

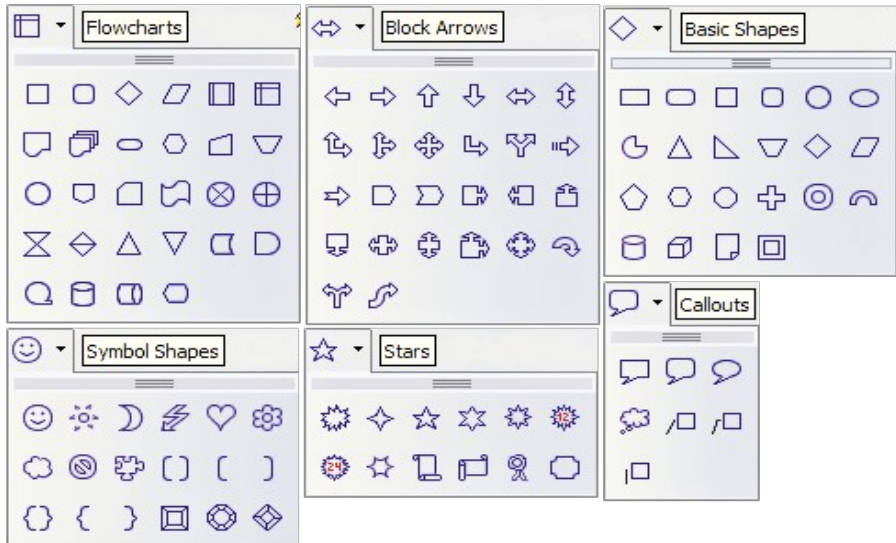


Figure 67: Available shapes for Impress

The second part of the toolbar, shown in Figure 68, contains more generic tools.

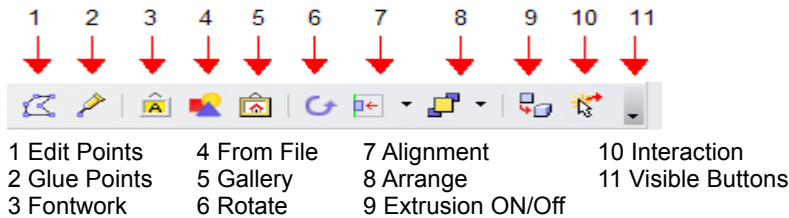


Figure 68: The second section of the drawing toolbar with utility tools

Those tools are:

- **Edit points:** select this tool, then select a shape or a line, to edit the individual points that form the shape or line.
- **Glue points:** select this tool to edit the glue points of a graphic object. Glue points are the positions where connector lines terminate or start. See “Managing glue points” on page 86 for instructions.
- **Fontwork:** opens the Fontworks gallery. See “Using Fontwork” on page 98 for further information.
- **From file:** equivalent to **Insert > Picture > From file** on the main menu. See Chapter 4 for details.
- **Gallery:** opens the gallery. Equivalent to **Tools > Gallery** on the main menu. See Chapter 4 for details.

- **Rotate:** select this tool to rotate an object. As rotation is considered a formatting attribute, this is discussed in Chapter 6.
- **Align object:** see “Aligning shapes” on page 91.
- **Arrange object:** see “Arranging shapes” on page 90.
- **Extrusion On/Off:** switches 3D effects on or off for the selected object. Clicking this button also opens the 3D settings toolbar. See “Working with 3D shapes” on page 87 for details.
- **Interaction:** opens a dialog where you can specify the interaction between the user and the object. See “Setting up interaction with a shape or image” on page 94.
- **Visible buttons:** use the black triangle to open a menu that allows to add or subtract buttons to the toolbar. The step by step procedure is given in Chapter 4 of the *Getting Started* guide.

Creating lines and shapes

To create shapes and lines:

- 1) Select the desired line or shape tool.
- 2) Click and drag to create the object on the slide. See Figure 69.

When drawing a polygon, keep the *Shift* key pressed to restrict the angle between the segments to multiples of 45 degrees. To finish drawing a polygon, double-click on the last part of the segment. If a closed polygon was selected, OOo will color the inside area.

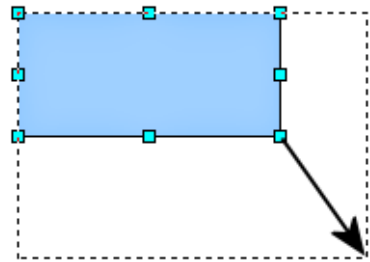


Figure 69: Creating a shape

When drawing certain shapes, one or more yellow dots are displayed along with the blue resizing handles. These dots perform a different function according to the shape they are applied to. With the basic shapes the yellow dot (or dots) are used for the following purposes:

- Rounded rectangle and Rounded square shapes: use the yellow dot to change the size of the curve replacing the corners.
- Circle Pie: use the two yellow dots to change the size of the filled sector.
- Isosceles triangle: move the yellow dot on one vertex to modify the triangle type.
- Trapezoid, Parallelogram, or Octagon: move the yellow dot to change the angle between the sides.
- Cross: use the yellow dot to change the thickness of the four sides.
- Ring: use the yellow dot to change the internal diameter.

- Block arc: use the yellow dot to change both the internal diameter and the size of the filled area.
- Cylinder and Cube: use the yellow dot to change the perspective.
- Folded corner: use the yellow dot to change the size of the corner.
- Frame: use the yellow dot to change the internal rectangle diagonal.

Working with connectors

Connectors are lines that can be anchored to particular places, called *glue points*, on the graphic object. The advantage of connectors is that when the graphic object to which the connector is attached is moved or resized, the connector automatically adjusts to the change. When creating a flowchart, org chart, schematics or diagrams, it is highly recommended to use connectors instead of simple lines.

Impress offers a wide variety of predefined connectors, which differ in the termination shape (none, arrow, custom) and in the way the connector is drawn (straight, line, curved). See Figure 66.

Unlike normal lines, when a connector is drawn or selected Impress displays red handles; in particular, the termination points are identified by red circles, while square handles are used to modify the routing of a connector (where applicable).

Draw a connector in a similar way to drawing any object. First select the connector style from the Connector toolbar (Figure 66), then move the mouse cursor over one of the objects to be connected. When the cursor is brought near an object, small black crosses appear around the object; these represent the glue points to which the connector can be attached. Click on the required glue point to attach one end of the connector, then hold the mouse button down and drag the connector to the second object and click on a glue point on that object to connect the other end.

For instructions on how to format a connector, refer to the corresponding section in Chapter 6 (Formatting Graphic Objects).

Managing glue points

As described above, a glue point is the point of attachment for a connector to a shape or graphic object. Each shape has a number of predefined glue points, but it is possible to define new ones as well as edit them, using the **Gluepoints toolbar**, shown in Figure 70.

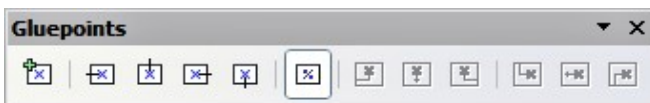


Figure 70: The Glue point toolbar

Use the first tool to insert a new glue point. The next four tools determine the exit direction of the connector terminating at the glue point. To maintain the relative position of the glue point when resizing the object, make sure that the **Glue point relative** icon (highlighted in Figure 70) is selected. Deselecting the **Glue point relative** icon enables the next six icons of the toolbar; use these to fix the position of the gluepoint during the resizing of the object. Hover the mouse over the buttons to obtain a tooltip giving a short description of its function.

To delete a custom glue point, select it with the mouse and press the *Delete* key.

Setting custom glue points is particularly useful where multiple connectors terminate on the same side of a shape or where the default glue point position is not satisfactory.

To move a predefined or newly inserted glue point:

- 1) Select the glue point tool from the drawing toolbar (see Figure 68).
- 2) Click on the glue point you want to move. The glue point should now be highlighted.
- 3) Keep the mouse button pressed and drag the glue point to the desired position. Release the mouse button.

Tip Glue points are placed by default on the grid (see the section “Alignment using the grid and snap guides” on page 91 for information), however it is sometimes required to fine tune the position of the glue point depending on the shape. To do this, keep the *Control* key pressed while dragging the glue point to the new position.

Working with 3D shapes

3D graphic objects can be created in different ways in Impress:

- From the 3D-Objects toolbar. The 3D-Objects tool is not included in the default Drawing toolbar. To include it, click on the small triangle at the end of the toolbar, select **Visible Buttons**, and select **3D-Objects** from the list. On the Drawing toolbar, click on the triangle by the 3D-Objects icon to display the extended 3D Objects toolbar (Figure 71).

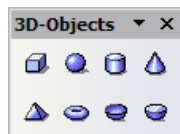



Figure 71: 3D-Objects extended toolbar

- From Convert menu as Rotation. Select an object, right-click on it, then select **Convert** and select **To 3D Rotation Object**.

- From the **Extrusion on/off** icon on the drawing toolbar. Select the shape to which apply a 3D effect, then click the  button on the Drawing toolbar (see Figure 72).

Caution



You can not apply extrusion to rectangular and oval shapes created using the rectangle and the oval tools respectively. To create a rectangle or oval with 3D effects, select the desired shape from the basic shapes menu. Alternatively, right-click on the object then select **Convert > To 3D**. Note though that in this case the **Extrusion on/off** menu will not be enabled.

Although Impress offers advanced functions to manipulate 3D objects, this book describes only the 3D settings applicable to an object with Extrusion enabled. For additional information on how to use advanced 3D effects such as geometry and shading, refer to the *Draw Guide*.


Click on  to activate the extrusion. The shape changes and a default thickness is added to it. At the same time the 3D-Settings toolbar (Figure 72) should become visible. If the toolbar does not appear, select **View > Toolbars > 3D-Settings**.



Figure 72: The 3D-Settings toolbar

Use the tools to change the appearance of the 3D object.



Extrusion On/Off: adds thickness to an object and activates the 3D properties.



Tilt Down: tilts the object downwards around an horizontal axis.



Tilt Up: tilts the object up around an horizontal axis.



Tilt Left: tilts the object left around a vertical axis.



Tilt Right: tilts the object right around a vertical axis.



Depth: determines the thickness of the shape. An extended toolbar opens where some default values are given. If none of them is satisfactory, select Custom and then enter the desired thickness.



Direction: pick the direction of the perspective as well as the type among parallel and perspective from the extended toolbar that opens when clicking the button.



Lighting: specify the direction of the light as well as its intensity from the extended toolbar that opens when clicking this button.



Surface: choose between Wire frame (useful when manipulating the object), Matt, Plastic or Metal.



3D Color: select the color of the object thickness.

Most of the Fontwork shapes (see “Using Fontwork” on page 98) have 3D properties and can be manipulated with the 3D-Settings toolbar.

Note that when rotating a 3D object, in addition to the corner red handles, the four handles on the sides of the frame become available.

Figure 73 is an example of customized 3D object.

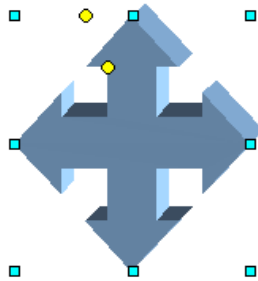


Figure 73: Example of 3D object

Grouping shapes together

It is often convenient to group shapes together so that they are treated as a single shape by Impress. A group of shapes can be formatted as if it was a single shape, moved, rotated, deleted and so on. To group shapes together, do as follows:

- 1) Select the shapes to be grouped. To do this, use the selection tool on the drawing toolbar and draw a rectangle around the shapes to be grouped, or click on each shape to be added to the group while pressing the *Shift* key.
- 2) When the green resizing handles show, select **Format > Group > Group** or press *Control+Shift+G* on the keyboard.

Once the group is defined, click on any of the shapes in the group to select the group. To edit only the elements of the group, press *F3* when the group is selected or select **Format > Group > Enter group** from the menu bar. Notice that the elements not part of the group are grayed out and that only the shapes belonging to the group can be edited. Use this function when you need to apply a particular format to a single member of the group. To exit from group mode, press *Control+F3* or select **Format > Group > Exit group** from the menu bar.

For more about working with grouped objects, see Chapter 6 (Combining Multiple Objects) in the *Draw Guide*.

To ungroup objects:

- 1) Select the group of shapes.
- 2) When the green resizing handles show, select **Edit > Format > Group > Ungroup** from the menu bar.

Tip If you use the grouping and ungrouping often, why not adding them to one of the toolbars shown by default so that the commands are readily available? To do so, you will need to customize the selected toolbar. See Chapter 4 of the *Getting Started* guide.

Arranging shapes

Arrange determines the stacking order of the selected object. Impress organizes objects in a stack so that the objects on a high level of the stack cover the objects on lower levels if overlapping occurs. To modify the position of an object in the stack, click the small triangle on the side of the *Arrange* icon to open the extended toolbar (Figure 74). The same arrange options described below are available from the right-click menu.



Figure 74: The extended Arrange toolbar

The first four tools work on a single object:

- **Bring to front:** the selected object is moved on top of any other object.
- **Bring forward:** the selected object is moved one level up in the stack.
- **Send backwards:** the selected object is moved one level down in the stack.
- **Send to back:** the selected object is given the lowest position in the stack.

The other three tools work on the relative positions of two objects:

- **In front of object:** brings the selected object in front of the second selected object.
- **Behind object:** brings the selected object behind the second selected object.
- **Reverse:** swaps the stacking order of two selected objects.

To use the **In front of object** and **Behind object** tools:

- 1) Select the first object by clicking on it.
- 2) When the green handles show, select the desired arrange action.
- 3) The mouse pointer changes to a pointing hand. Click on the second object.

Flipping shapes

To flip an object or group, right-click on it and select either **Flip > Vertically** or **Flip > Horizontally**. The object will be flipped around an imaginary axis (horizontal and vertical respectively) passing through the center of the object, or group. If these two commands are used often it may be advisable to add them to the Drawing toolbar.

Aligning shapes

Use the alignment tools to adjust the relative position of a graphic object compared to another object. Clicking on the Alignment icon in the Drawing toolbar opens the extended toolbar (Figure 75). The same alignment options are available from the right-click menu.

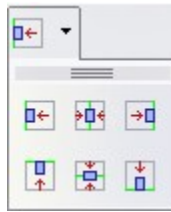


Figure 75: The Align extended toolbar

The toolbar has six icons. The first three determine the horizontal alignment of the selected objects (Left, Center, Right); the other three determine the vertical alignment of the selected objects (Top, Middle, Bottom). If only one object is selected, it is aligned to the page, however when in a group, a single object is aligned to the edge of the group selection.

Alignment using the grid and snap guides

The section “Aligning shapes” on page 91 discussed the alignment of objects relative to each other or to the page border. However, sometimes it is important to align objects to specific points of the page or to make sure that objects that appear on multiple slides are placed in exactly the same position. For this purpose Impress provides two mechanisms: the **Grid** and the **Snap Guides** (also called **Snap Lines**).

Using the grid

Options for the grid are available in the menu that opens by right-clicking on an empty part of the page in Normal view and choosing **Grid** or by selecting **View > Grid** from the menu bar. In both cases a submenu with three options opens:

- **Visible Grid:** displays the grid.
- **Snap to Grid:** the anchor points of an object will always be placed on a grid when the object is moved or resized.
- **Grid to Front:** displays the grid in the foreground.

To set up the grid spacing and snapping options, choose **Tools > Options > OpenOffice.org Impress > Grid** from the menu bar.

Using snap guides

Options for the guides are available in the menu that opens by clicking on an empty part of the page in Normal view and choosing **Snap Lines** or by selecting **View > Guides** from the menu bar. A submenu with three options opens:

- **Visible Guides (Snap Lines Visible):** the guides are shown on the slide.
- **Snap to Guides (Snap to Snap Lines):** the anchor points of the objects snap to the guides when the object is moved or resized.
- **Guides to Front (Snap Lines to Front):** the guides are brought to the foreground and cover the objects.

Note	The main menu uses the term <i>Guides</i> , but the pop-up menu refers to <i>Snap Lines</i> .
-------------	---

To create a new Guide:

- 1) Right-click on an empty part of the work area and select **Insert Snap Point/Line** from the pop-up menu.
- 2) In the dialog that appears, specify the type (Point, Vertical line, or Horizontal line).
- 3) Depending on the choice made, the two edit fields *X* and *Y* become active; enter the position of the Guide.
- 4) Click **OK** to close the dialog.

Tip	When positioning the Snap Guides, it is useful to display the rulers. To do so, select View > Rulers .
------------	--

Tip	Drag a Snap Guide directly onto the slide by clicking on the ruler and then dragging onto the slide.
------------	--

To edit a Guide:

- 1) Right-click next to or on the guide to be edited.
- 2) Select **Edit Snap line** from the pop-up menu.
- 3) Enter the new value (or values) and click **OK**.

To delete a Guide:

- 1) Right-click next to or on the guide to be deleted.
- 2) Choose **Delete Snap line** from the pop-up menu.

Figure 76 show the three types of guides, the grid on a slide, and the dialog to create a new Guide.

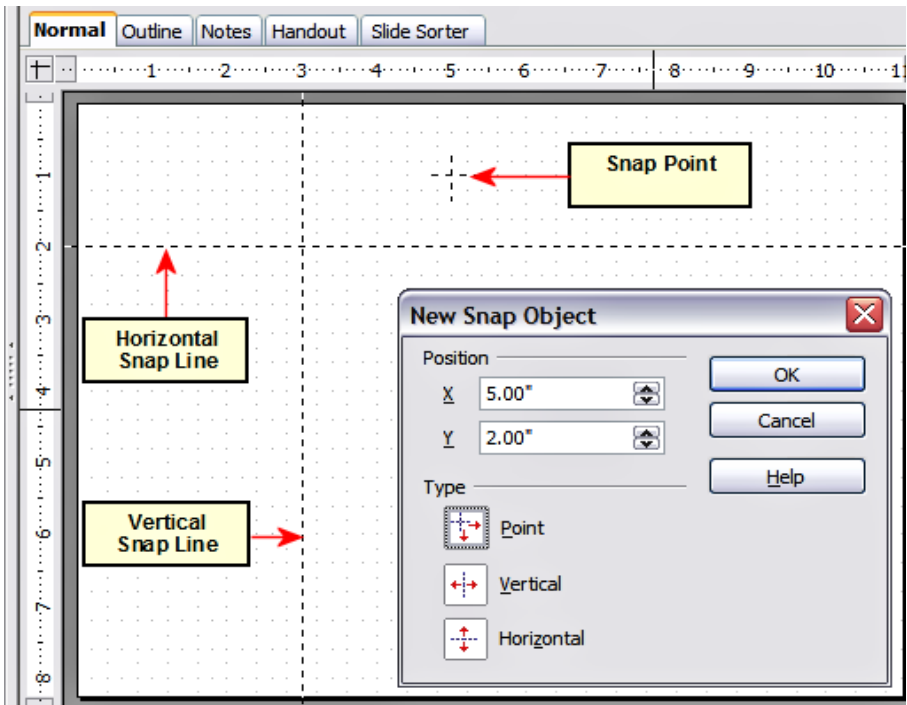


Figure 76: Gridline, snap lines and snap point on a slide

Converting an object to a different type

You can convert an object into a different type. Right-click on the object and select the Convert to display a menu (Figure 77) containing the following options:

- **To Curve:** converts the selected object to a Bézier curve.
- **To Polygon:** converts the selected object to a polygon. After the conversion choose Edit Points to edit the shape.
- **To Contour:** converts the selected object to a polygon, or a group of polygons. If the conversion creates a group of polygons (for example, when you convert a text object), then press *F3* to enter the group before you can select an individual polygon.
- **Convert to 3D:** converts the selected object to a three-dimensional (3D) object.

- **Convert to 3D Rotation Object:** creates a three-dimensional shape by rotating the selected object around its vertical axis.
- **To Bitmap:** converts the selected object to a bitmap.
- **To metafile:** converts the selected object to Windows Metafile Format (WMF), containing both bitmap and vector graphic data.

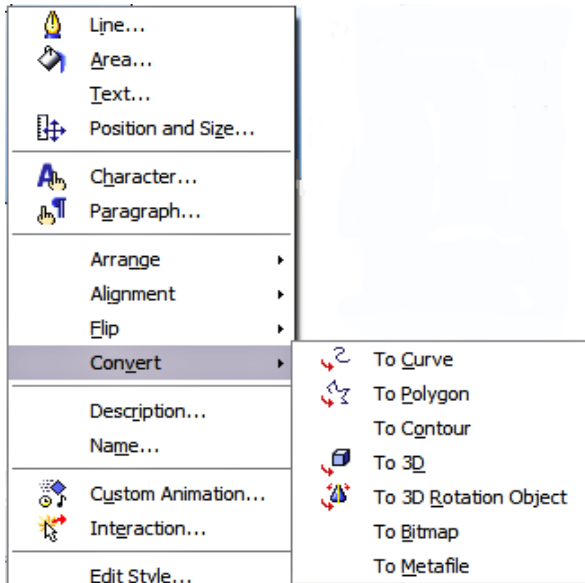



Figure 77: The convert options in the context menu

Setting up interaction with a shape or image

You can associate with a shape or an image some action to be performed when the user clicks on it. To create an interaction:

- 1) Select the graphic object for which an interaction will be created.
- 2) When the green handles show, select from the Drawing toolbar (Figure 64) the **Interaction** button  or right-click on the object and select **Interaction** from the pop-up menu.
- 3) The dialog shown in Figure 78 is displayed. Select the interaction type and the parameters (if applicable).
- 4) Click **OK** to close the dialog.

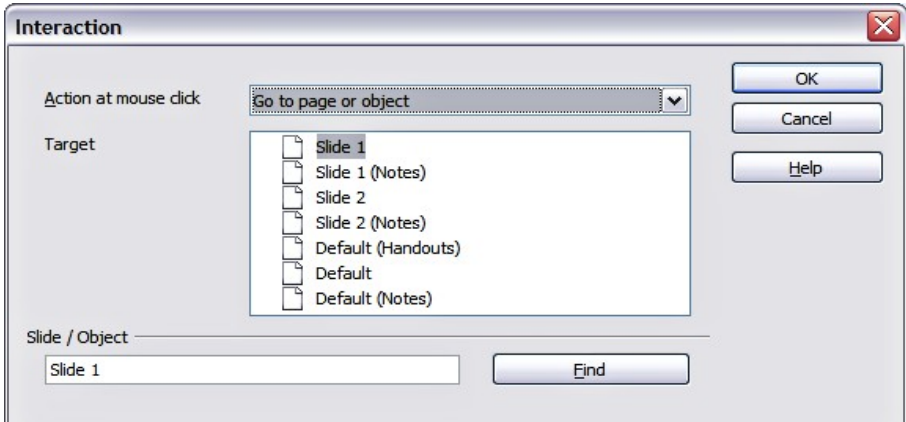


Figure 78: Dialog to set the interaction with a graphic object

To remove an interaction from a graphic object follow the steps 1–5, above taking care to select **No action** as the interaction type at step 4.

The possible actions and their parameters are described in Table 2.

Table 2: Interactions and their parameters

Interaction type	Parameters
Go to Previous slide	No parameters.
Go to Next slide	No parameters.
Go to First slide	No parameters.
Go to Last slide	No parameters.
Go to Page or Object	Specify the target from the list in the Target box. You can search for a specific target in the Document box at the bottom of the screen.
Go to Document	Select the document in the Document box. Use the Browse button to open a file picker dialog. If the document to be opened is in Open Document Presentation format, the target list will be populated allowing the selection of the specific target in the document.
Play sound	Select the file containing the sound to be played. Use the Browse button to open a file picker dialog.
Run program	Select the program to execute. Use the Browse button to locate it.
Run Macro	Select a macro that will run during the presentation. Use the Browse button to open the macro browser dialog.
Exit presentation	When the mouse is clicked over the graphic object, the presentation will terminate.

Animating images

Impress offers some animation functionalities that are typical of specialized programs. An animated image consists of a sequence of images (frames) that are displayed in succession. Each frame may contain one or multiple drawing objects. To start creating a custom animated image open the Animator dialog from **Insert > Animated Image** (see Figure 79).

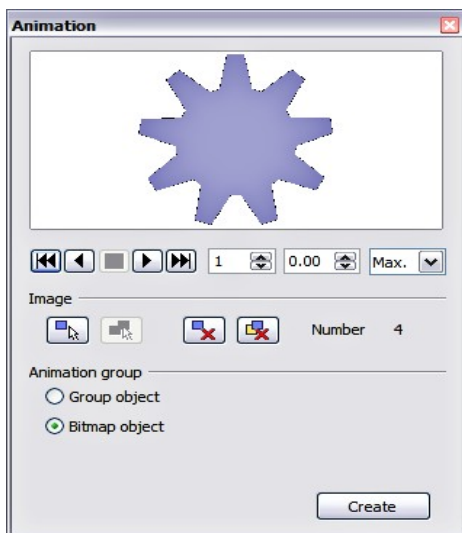



Figure 79: The Animation dialog

Creating an animation

Several mechanisms can be used to create an animated image. This chapter describes only two of them as that should be sufficient to understand the functions offered.

Frame by frame animation

- 1) Create the image you intend to animate using the drawing tools.
- 2) Select the image and click the **Apply Object**  button. This copies the object (or objects) into the upper part of the Animation dialog.
- 3) Apply some transformation to the object; for example, rotate it, change the color, if you are animating a text add or subtract a letter and so on.
- 4) When you are ready, create the second frame of the animation and click the **Apply Object** button again.
- 5) Repeat steps 3 and 4 until you have created all the desired frames of the animation.

- 6) Select **Bitmap object** in the *Animation group* section of the Animator dialog. This allows you to customize the timing of each of the frames and the number of repetitions for the animation (set the value to *Max* to obtain an infinite loop).
- 7) Click **Create** to place the animated image on the slide.

Note If the image to be copied in the Animator consists of several objects, you can choose to treat each object as a separate frame. In this case click the **Apply objects individually** button. Remember that each object will be centered in the animation.



Animated image in one step

For some simple animations it is possible to create all the animation frames in advance, and place them on the slide. This method works well for a rotating line, a shape gradually changing color, shapes increasing or decreasing size. In most of these occasions it is convenient to use the **Edit > Duplicate** command.


When all the frames are already prepared, use the **Apply objects individually** to create one frame for each of the objects.




It is easy to obtain for example a rotating segment:

- 1) Draw a segment, say, horizontal and make it fairly thick (use **Format > Line** or the Line and Filling toolbar to do that).
- 2) Open the Duplicate dialog by selecting **Edit > Duplicate** and set the number of copies to 5, the X and Y axis to 0.1, the angle to 30, the enlargement width and height to 0, and click **OK**.
- 3) Select the 6 segments created by *Impress* and open the Animator (**Insert > Animated image** from the main menu bar).
- 4) On the Animator dialog, click **Apply objects individually**.
- 5) Select **Bitmap object** in the lower part of the dialog, then click the **Create** button.

Other functions of the Animator

You can review the animation at any time by pressing the **Play** button  as well as navigate the various frames using the other controls available.

If you are not satisfied of a particular frame you can remove it. To do so:

- 1) Navigate to the frame using the edit control with the spin buttons.
- 2) Click the **Delete current image** button .

You can also delete the whole animation by clicking the **Delete all images** button



Tip If you want to work on the animation frames a bit more, you can copy them into the Impress work area by selecting **Group object** and then clicking **Create**.

Tip Since all the objects are centered in the animation window, to animate an object off the center of the image, create a blank rectangle of the same size of the final image and select it along with the object to be animated. Make sure that **Group object** is selected before clicking the **Apply object** button.

Using Fontwork

Use Fontwork to obtain special text effects. For more about this topic, see Chapter 15 (Using Fontwork) in the *Getting Started* guide.

To start using Fontwork:


- 1) Open the Fontwork Gallery by clicking the  icon on the Drawing toolbar (see Figure 68) or on the Fontwork toolbar (see Figure 82). If the Drawing toolbar is not showing, you can go directly to the Fontwork toolbar by selecting **View > Toolbars > Fontwork** from the main menu bar.
- 2) Select from the Fontwork Gallery (Figure 80) the preferred style and click **OK**. You can modify it later, so pick one providing an effect similar to the desired one. The text *Fontwork* in the selected style appears on the slide.



Figure 80: The Fontwork gallery

- 3) Double-click the object to edit the Fontwork text. Type your own text in place of the black *Fontwork* that appears over the object (Figure 81).
- 4) Press the *Esc* key or click outside the area with the blue resizing handles to exit.



Figure 81. Editing Fontwork text

Now that the Fontwork object is created, you can edit some of its attributes. To do this, you can use the Fontwork toolbar or other options as described in the next section.

Using the Fontwork toolbar

Make sure that the Fontwork toolbar, shown in Figure 82, is visible on the workspace. If not, select **View > Toolbars > Fontwork** from the main menu bar.

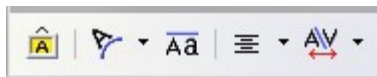


Figure 82: The Fontwork toolbar

In addition to the Fontwork Gallery icon, this toolbar contains the following icons:



Fontwork shape: to change the shape of the selected object, choose a shape from the extended toolbar (Figure 83).

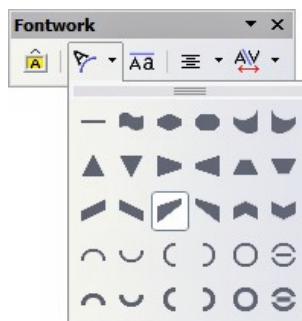


Figure 83: The extended shapes toolbar



Fontwork Same Letter Heights: Changes the height of characters in the object. Toggles between normal height (some characters taller than others, for example capital letters, d, h, l and others) and all letters the same height. See Figure 84.



Figure 84. Left: normal letters; right: same letter heights



Fontwork Alignment: specify the alignment of the text within the frame from the choices available in Figure 85. The effects of the text alignment can only be appreciated if the text spans over two or more lines. In the Stretch Justify mode all the lines are filled completely.

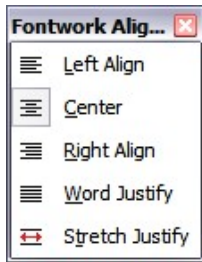


Figure 85: The extended alignment toolbar



Fontwork Character Spacing: select the desired spacing (Figure 86) and whether kerning pairs should be used. For custom spacing, input a percentage value: 100% is normal spacing; less than 100% is tight spacing; more than 100% is expanded spacing.

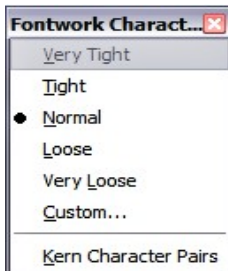


Figure 86: The extended character spacing toolbar

Modifying Fontwork text as a shape

It is possible to treat Fontwork text as a shape and therefore to apply to it all the formatting that has been described in this chapter. Assign line properties only to Fontwork which does not have a 3D effect, otherwise the changes will not be visible.

Tip

Change the Fontwork color quickly using the Area fill color swatch on the Line and Filling toolbar.

In the same way as it is possible to modify the angles of Trapezoids and Parallelogram basic shape by moving the yellow dot that is displayed along with the blue resizing handles, it is possible to modify some of the Fontwork shapes.



Chapter 6

Formatting Graphic Objects

This chapter describes how to format the graphic objects created with the drawing tools described in Chapter 5.

The formatting of each graphic object, in addition to its size, rotation and position on the slide, is determined by a number of attributes that define the line, text and area fill of each object. These attributes (among others) also contribute to form a *graphics style*, so although this chapter discusses the formatting when applied manually to an object, you can use the same methods to build a collection of graphics styles.

Using graphics styles to format graphics

In many situations where a presentation contains only a few graphic objects, manual formatting can be an efficient way to change their appearance. However, when you want to achieve consistency in the style across the slides of your presentation (or your presentations portfolio), or simply when you want to apply the same formatting to a large number of objects, the best approach is to use graphics styles.

Graphics styles are the equivalent for graphic objects to the presentation styles for text. A graphics style groups all the formatting attributes that a graphic object could have and associates this set to a name, making them quickly reusable. If a style is modified (for example, by changing the area transparency), the changes are automatically applied to all the graphics with that style.

Using the inheritance properties of styles also achieves professional results in a short time. For example, if multiple lines change in color but are otherwise identically formatted, the best way to proceed is to define a generic style for the line and a number of hierarchically dependent styles which only differ in the line color attribute. If later you need to change the arrowhead style or the thickness of the lines, it is sufficient to change the parent style and all the other styles will change accordingly.

When creating several presentations, a library of well-defined graphics styles is an invaluable tool for speeding up the process of formatting a new presentation while achieving the desired appearance.

To create a new style, follow the procedures outlined in Chapter 2. As shown in Figure 87, the dialog to create a graphics style consists of 15 pages.

- The Organizer page, which contains a summary of the style and its hierarchical position, is discussed in Chapter 2.
- The Font, Font Effects, Indents & Spacing, Alignment, Tabs and Asian typography pages, which set the properties of the text and are shared with presentation styles, are discussed in detail in Chapter 3.
- The Dimensioning page is used to set the style of dimension lines and it is not normally used in presentations. For further details refer to the *Draw Guide*.
- The remaining pages (Text, Text animation, Connector, Line, Area, Shadowing, and Transparency) contain the same options as the dialogs for manual formatting of the Line, Area, Text and Connectors; they are discussed in this chapter.

Note In most of the cases you will not need to configure the parameters of every page; for example, to create a simple line style you will probably only use 3 of the 15 pages.

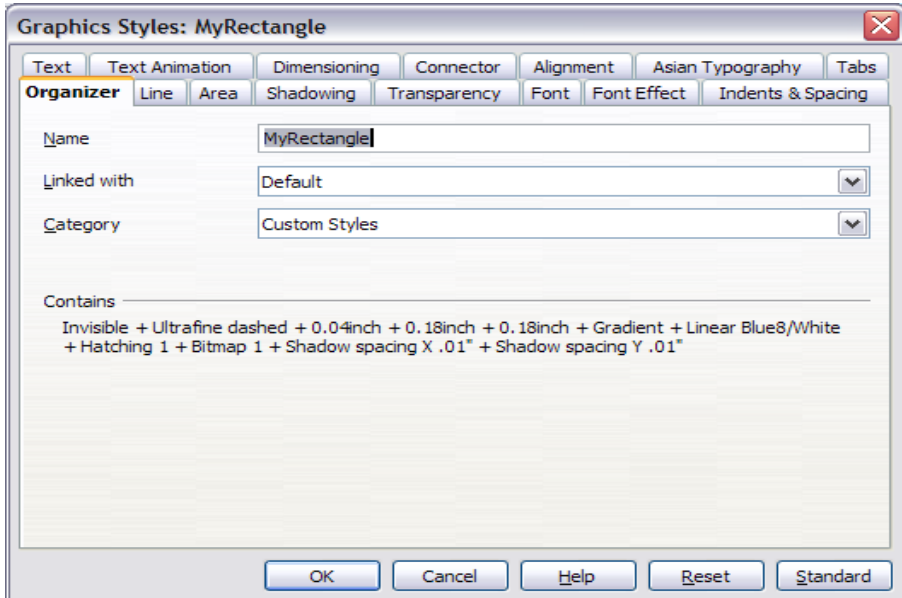


Figure 87: The dialog for defining a custom graphics style

To apply a style, select the object (or objects) and click on the style from the Styles and Formatting window. If the window is not showing, press *F11*, or click the Styles and Formatting icon at the left-hand end of the formatting bar, or select **Format > Styles and Formatting** from the menu bar. Press *F11* again when the dialog is not needed, to maximize the workspace area.

Formatting lines and shapes

Use the **Format** menu to modify lines and shapes.

- 1) Click on the shape or line to select it.
- 2) Click **Format** in the menu bar. Some of the options may not be available (grayed out) because of the type of object selected. For example, if the object is a simple line, the **Area** choice will be unavailable because a line does not have an area to fill.
- 3) Select one of the formatting options:
 - *Line* to set the characteristics of the line, including the border of an area (see “Formatting lines” on page 108).
 - *Area* to format the fill, or interior, of an object. This includes color, transparency, and pattern (see “Formatting areas” on page 111).
 - *Position and Size* to move, rotate, and manipulate an object according to specified measurements (see “Moving, resizing and rotating a graphic object” on page 104).
 - *Text* to format the appearance of the text that can be added to any shape or line (see “Formatting text” on page 124).

Most of these commands are also available for selection in the pop-up menu that appears by right-clicking on the object.

Moving, resizing and rotating a graphic object

This section describes the mechanisms that are available in Impress to move, resize and rotate a graphic object. Note that the same procedures can be applied equally to a picture (see Chapter 4) and to a graphic (see Chapter 5).

Moving graphic objects

- 1) Click the graphic object, if necessary, to show the green resizing handles.
- 2) Move the pointer over the graphic object until the pointer changes shape. On most operating systems, the cursor associated with moving objects is a four-headed arrow, but it may also be a hand or some other symbol.

- 3) Click and drag the graphic object to the desired position.
- 4) Release the mouse button.

For a more accurate placement of the graphic object, use the Position and Size dialog shown in Figure 88. To open this dialog, first select the graphic object by clicking on it; when the resizing green handles are displayed, either press *F4* or select **Format > Position and Size** from the menu bar.

Use the *Position* section of the dialog to specify the X (horizontal) and Y (vertical) position of the graphic object. The values represent the distance of the base point (selected on the right hand side of the dialog) relative to the top left corner of the slide.

To prevent accidental modification of the position of the graphic object, select the **Position** checkbox in the *Protect* section (bottom left) of the dialog.

The unit of measurement for this and the other dialogs in this section is set in **Tools > Options > OpenOffice.org Impress > General**.

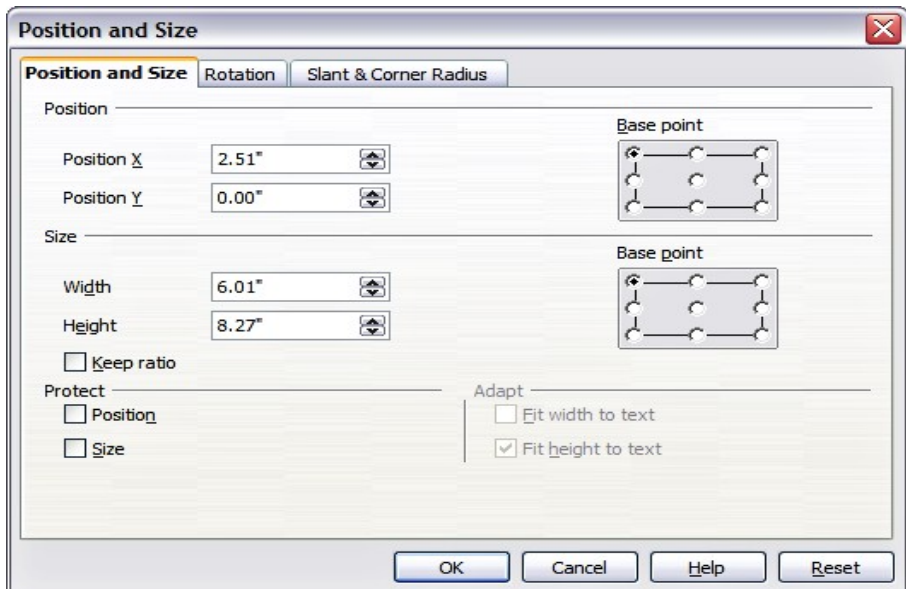


Figure 88: Fine adjustment of position and size of the graphic object

Resizing graphic objects

- 1) Click the graphic object, if necessary, to show the green resizing handles.
- 2) Position the pointer over one of the green resizing handles. The pointer changes shape, giving a graphical representation of the direction of the resizing.

- 3) Click and drag to resize the graphic object.
- 4) Release the mouse button when satisfied with the new size.

The corner handles resize both the width and the height of the graphic object simultaneously, while the other four handles only resize one dimension at a time.

Tip To retain the original proportions of the graphic, *Shift+click* one of the corner handles, then drag. Be sure to release the mouse button **before** releasing the *Shift* key.


For more accurate resizing of the graphic object, use the Position and Size dialog (Figure 88). Select as the base point the part of the graphic object that you would like to anchor to the page. The default setting (top left corner) means that when resizing the area, the position of the top left corner of the area will not change. Now modify either the *Width* value or the *Height* value of the object. To maintain the proportions between width and height, select the **Keep ratio** checkbox before modifying any value. Notice that when the checkbox is selected both dimensions change simultaneously.

To prevent accidental modifications of the size, make sure that the **Size** checkbox is selected in the *Protect* section in the bottom left part of the dialog.

Rotating graphic objects

As for the position and the size, rotation of an object can be done manually or using a dedicated dialog. To rotate a graphic manually, do as follows:

- 1) Select the graphic object if necessary so that the green handles around it show.

- 2) Click the **Rotate** button  on the Drawing toolbar. This toolbar is usually located at the bottom the screen, but it can be undocked and used as a floating toolbar. If the toolbar is not showing, select **View > Toolbars > Drawing**. The Drawing toolbar is discussed in detail in Chapter 5.

Note The icons representing the functions in the toolbars are different depending on the operating system used and on whether OOo has been customized for the Linux distribution in use or not. When in doubt, hover the mouse over the icons and wait for the tooltip to appear showing the name of the button.

- 3) Eight red handles replace the green square handles, as shown in Figure 89. Move the mouse over one of the corner handles and the mouse cursor shape will change. Click the mouse and move in the direction in which you want to rotate the graphic object.
- 4) When satisfied release the mouse button.

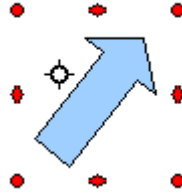


Figure 89: Shape showing the red rotating handles. Only the corner ones are active.

At step 2 a black crosshair with a circle appears in the middle of the picture: this represents the pivot point for the rotation. Normally the center of the picture will be just fine, but on some occasions you may wish to rotate around a corner or even around a point outside the picture; to do that, click on the crosshair and drag it to the desired position.

To restrict the rotation angles to multiples of 15 degrees, press the *Shift* key while rotating the graphic. This is very handy to rotate pictures of right angles, for example from portrait to landscape or vice versa.

Instead of rotating a graphic object manually, you can use the **Rotation** dialog shown in Figure 90. To display this dialog, select the graphic object so that the green resizing handles are shown, then press *F4* or select **Format > Position and Size** and select the **Rotation** page.

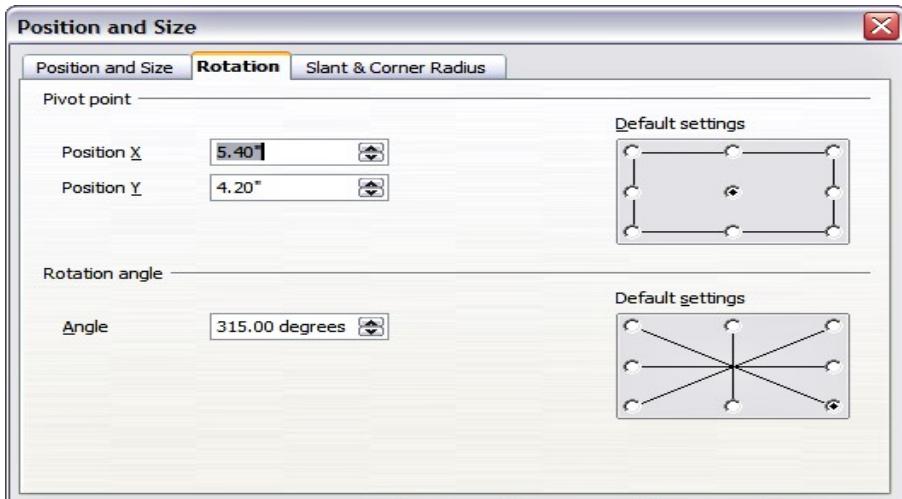


Figure 90: The Rotation page of the Position and Size dialog

In the top part of the dialog, select the position of the pivot point relative to the top left corner of the page. The default position of the pivot point is the center of the figure.

In the lower part of the dialog select the angle by which to rotate the graphic object. On the right hand side 8 default rotation values are easily configurable by selecting the desired button.

Formatting lines

The dialog to format the line properties (shown in Figure 91) contains three pages.

The *Line* page is further subdivided into four parts handling different aspects of the line.

The *Line Properties* section (left side) is the most important. It includes the following parameters:

- **Line style:** a variety of line styles is available in the drop-down list, but more can be defined if needed.
- **Color:** pick among the already defined colors. If a color not in the list is needed, refer to “Creating colors” on page 112 to create a new one.
- **Width:** specifies the thickness of the line.
- **Transparency:** sets the transparency value of the line, a useful property when you do not want to hide completely what is under the line.

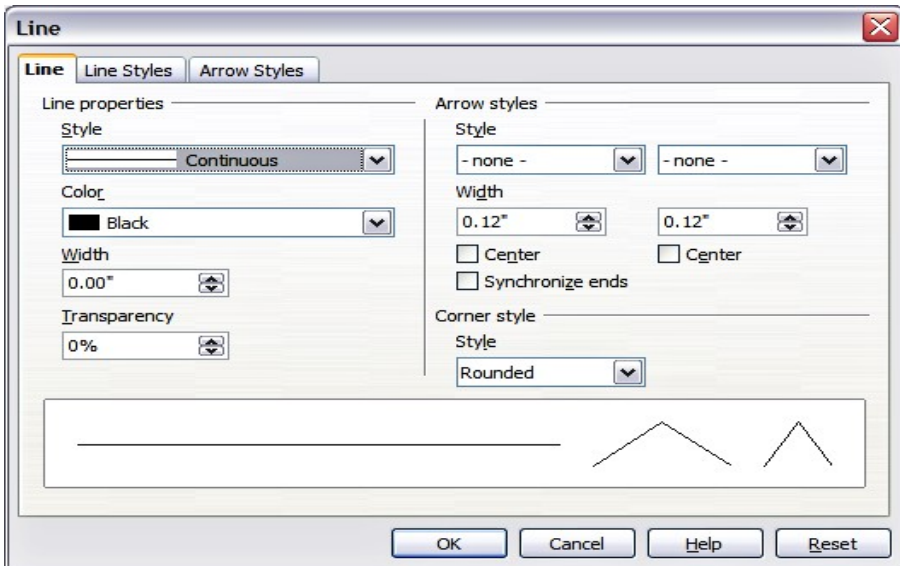


Figure 91: Main line formatting dialog

The *Arrow styles* section of this page is only applicable to line segments; it has no effect on the line that forms the border of a shape or of a polygon. Use this section to set the styles of the two ends of the segment. You can configure independently the two ends, selecting for each of them the arrow shape (**Style** drop-down menu), the **Width**, and the termination style (**Center** checkbox). Selecting the **Center** checkbox moves the center of the arrowheads to the end point of the line. If the two ends should be identical, select the **Synchronize ends** checkbox. To create new arrowheads, use the *Arrow styles* page, as described in the following section.

Use the *Corner style* section of this page to choose how the connection between two segments should look. There are four available options in the drop-down menu.

The bottom part of the page shows a preview of the applied style and a preview of two corners so that the corner style choice can be quickly evaluated. To appreciate the difference between corner styles, choose a thick line style and observe how the preview changes.

Creating line styles

Use the *Line Styles* page of the Line dialog (shown in Figure 92) to create new line styles and load previously saved line styles. Normally it is not a good practice to modify the predefined styles; instead, create new ones when necessary.

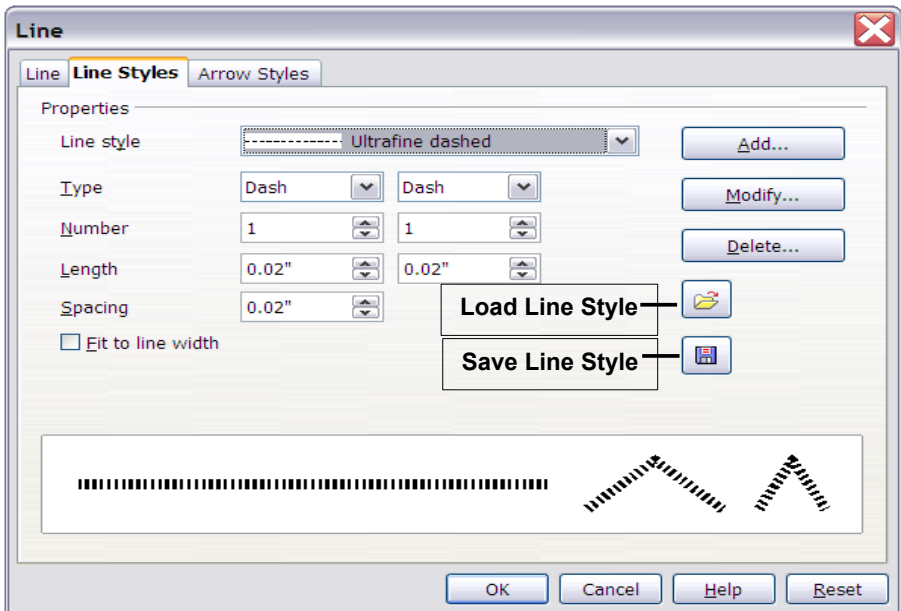


Figure 92: Advanced options for creating line styles

To create a new line style:

- 1) Choose **Format > Line** from the menu bar.
- 2) Select from the *Line style* drop-down menu a style similar to the desired one.
- 3) Click **Add**. On the pop-up dialog, type a name for the new line style and click **OK**.
- 4) Now define the new style. Start by selecting the line type for the new style. To alternate two line types (for example, dashes and dots) within a single line, select different types in the two **Type** boxes.
- 5) Specify the number and length (not available for dot style) of each of the types of line selected, set the spacing between the various elements, and decide if the style should fit to the line width (length).

The new line style is available only in the current presentation. If you want to reuse the line style in other presentations, click the **Save Line Styles** icon and type a memorable name. This saves all of the line styles in this presentation. (Saved styles have a file extension of .sod.)

To make previously saved line styles available in the current presentation, click the **Load Line Styles** icon, select the saved list of styles, and click **Open**.



Use the **Modify** button to change the name of the style. Recommended only for custom line styles, not the built-in ones.

Creating arrow styles

Use the third page of the Line dialog to create new arrow styles, modify existing arrow styles, or load previously saved arrow styles.

- 1) The first step is to draw a curve with the shape you want for the arrowhead.

Note

The arrowhead must be a *curve*. A curve is something you could draw without lifting a pencil. For example,  is a curve but  is not a curve.

- 2) Select the curve. With the resizing handles showing, select **Format > Line** from the menu bar, or right-click and choose **Line** from the pop-up menu.
- 3) Go to the *Arrow styles* page (Figure 93), click the **Add** button, type a name for the new arrow style, and click **OK**.
- 4) Now you can access the new style from the Arrow style list. When you select the name of the new style, it is shown at the bottom of the dialog.

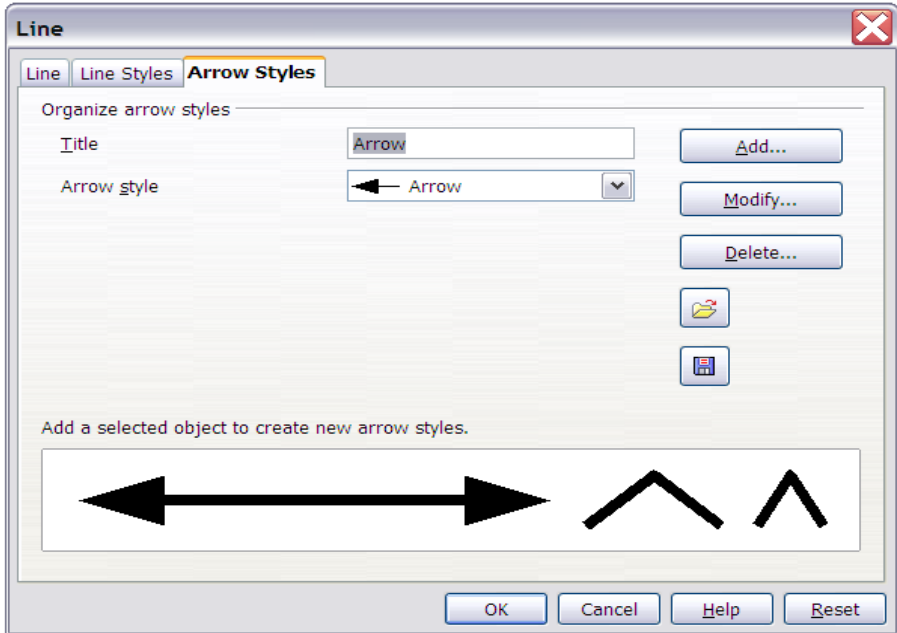


Figure 93: Advanced options for creating arrow styles

Formatting areas

Impress offers many different options for formatting the fill of an area.

- 1) Start by selecting the object to which the formatting will be applied.
- 2) When the resizing handles appear, select **Format > Area** from the menu bar. The dialog shown in Figure 94 is displayed.
- 3) Select the desired *type* of fill from the drop-down list. The Area page changes to display the choices available for that fill style, as described on the following pages.
- 4) Select the required fill and its parameters, and then click **OK** to close the dialog and apply your selection.

Picking the type of fill from the five available choices (None, Color, Gradient, Hatching, and Bitmap) modifies the entries in the list below and makes some new options appear in the Area page. The list is populated with the default choices for the selected fill type. If none of the choices is satisfactory, you can fully customize the fill by using the page with the corresponding name in the same dialog.

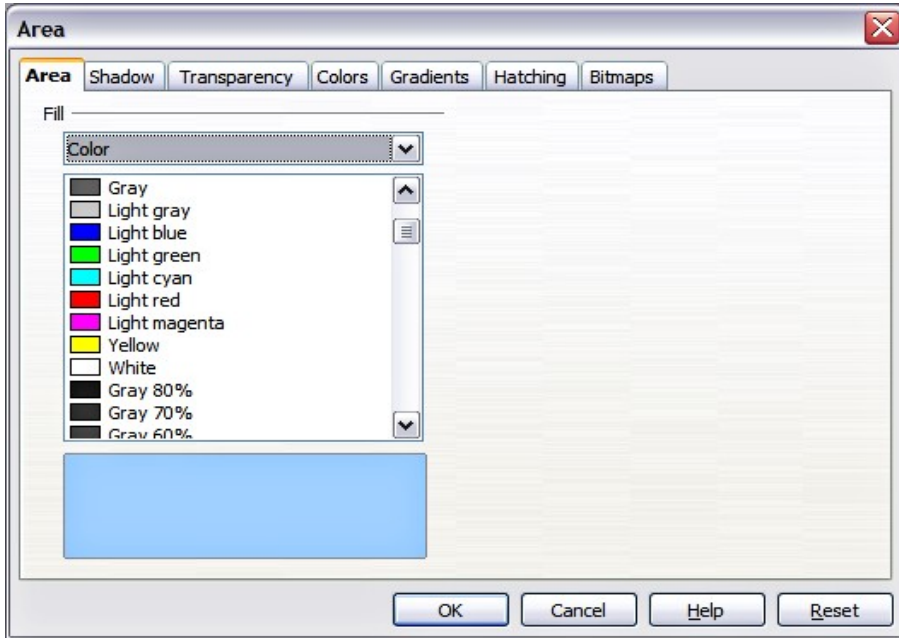


Figure 94: Area page of the area formatting dialog

Creating area fills

Impress comes with many pre-defined area fills in four categories: colors, gradients, hatching patterns, and bitmaps. If none of the provided fills is satisfactory, you can fully customize them and create new fills. The following sections describe how to create new fills and how to apply them.

On each page of the Area dialog, to modify the characteristics of an existing fill, change those characteristics in the dialog and then click the **Modify** button. (In some cases, you can also change the name of the fill in the same step.) However, it is recommended to create new fills or modify custom fills, and not change the pre-defined ones.

Colors

For color fills, select one from the list on the Area page, as shown in Figure 94.

Creating colors

On the Colors page, shown in Figure 95, you can modify existing colors or create your own.

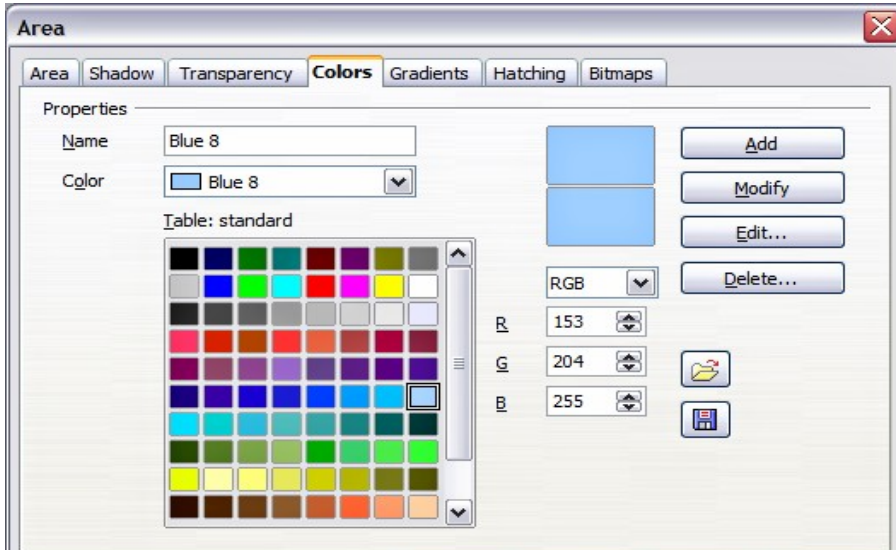


Figure 95: Customizing colors

Every color is specified by a combination of the three primary colors (Red, Green and Blue), hence the notation RGB. To create a new color:

- 1) Enter the name for the color in the *Name* box.
- 2) Specify the red, green and blue component on a 0 to 255 scale. Alternatively specify the Cyan, Magenta, Yellow and black (K) components, from 0% to 100%.
- 3) Click the **Add** button. The color is now added to the list on the Area page.

To modify a color:

- 1) Select the color to modify from the list.
- 2) Enter the new values that define the color (if necessary change the settings from RGB to CMYK or viceversa).
- 3) Modify the name as required.
- 4) Click the **Modify** button.

Alternatively, use the **Edit** button (this will open a new dialog), modify the color components as required and click **OK** to exit the dialog.

Tip

You can also add custom colors using **Tools > Options > OpenOffice.org > Colors**. This method makes the color available to all components of OOO, whereas colors created using **Format > Area > Colors** are only available for Impress.

Gradients

A gradient fill provides a smooth transition from one color to another. The transition pattern may vary from a simple linear transition to a more complex radial transition.

If the predefined gradients are not satisfactory, you can create a new gradient or modify an existing one.

Select *Gradient* in the drop-down list on the Area page and pick the gradient from the list (see Figure 96). To manually input the number of steps (increments) that should be applied, deselect the **Automatic** checkbox and enter the number of steps required.

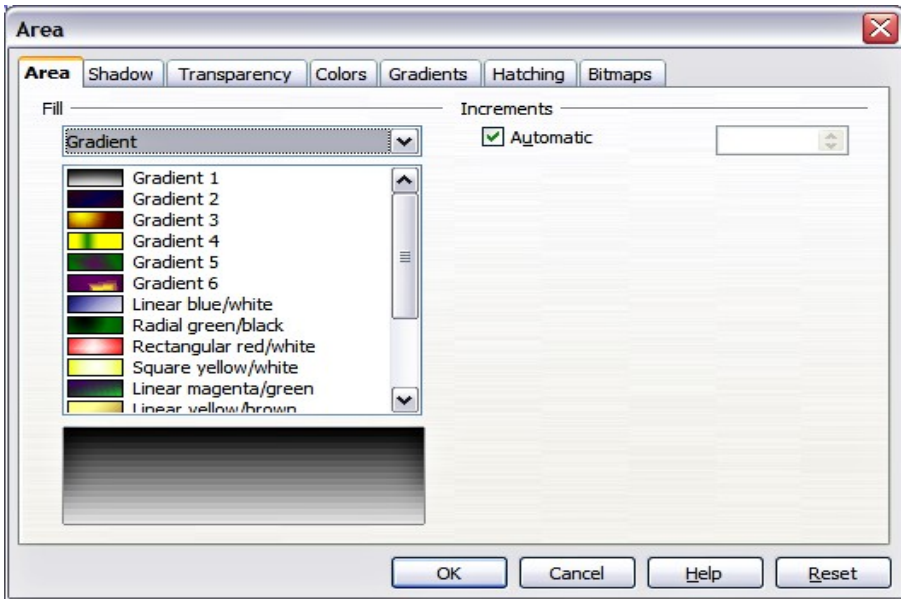


Figure 96: Selecting a gradient fill

Creating gradients

To create a new gradient or to modify an existing one, select the Gradients page from the Area dialog (shown in Figure 97). Several types of gradients are predefined and in most cases changing the *From* and *To* colors will be sufficient to obtain the desired result.

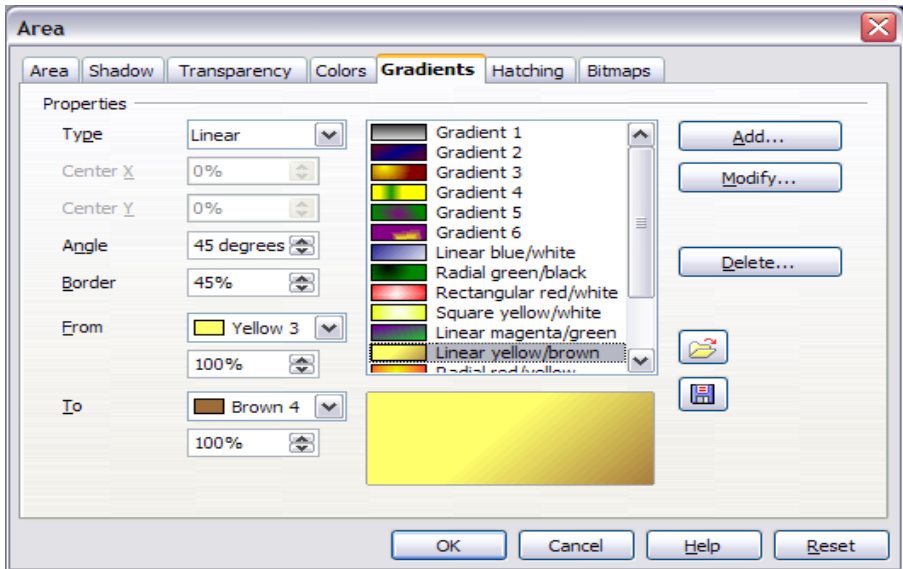


Figure 97: The Gradients page of the Area dialog

It is highly recommended to create a new gradient even if you just want to change the two colors rather than modifying the predefined ones which should only be used as starting points.

To create a new gradient:

- 1) First choose the *From* and *To* colors (Figure 98).

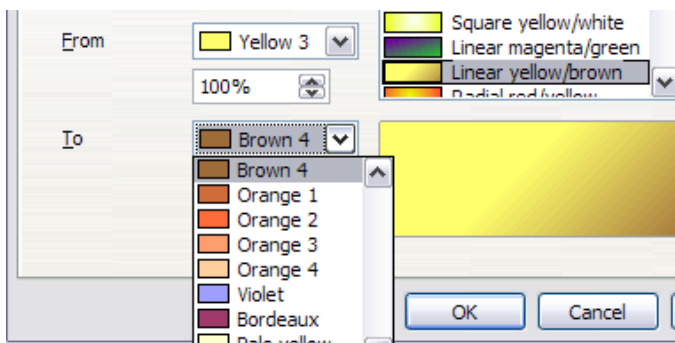


Figure 98: Gradient transition color selection

- 2) Then choose a type of gradient from the list: Linear, Axial, Radial, Ellipsoid, Square or Rectangular.

A preview of the gradient type is shown under the available gradients list in the middle of the dialog. Figure 99 shows an example.

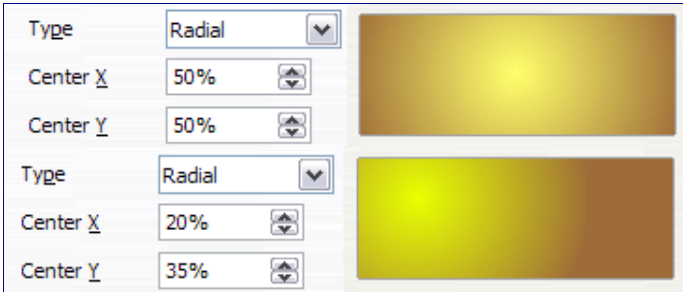


Figure 99: Center option in a radial gradient

- 3) Depending on the chosen type some options will be grayed out. Set all the properties as desired (very often the default values will work well). The properties to set to create a gradient are summarized in Table 3.
- 4) Click the **Add** button to add the newly created gradient to the list. The gradient is now available to all the OOo components and also for future presentations. It pays to give it a memorable name.

Table 3: Gradient properties

Property	Meaning
Center X	For Radial, Ellipsoid, Square and Rectangular gradients, modify these values to set the horizontal offset of the gradient center.
Center Y	For Radial, Ellipsoid, Square and Rectangular gradients, modify these values to set the vertical offset of the gradient center.
Angle	Specifies for all the gradient types the angle of the gradient axis
Border	Increase this value to make the gradient start further away from the border of the shape
From	Set here the start color for the gradient. In the edit box below enter the intensity of the color: 0% corresponds to black, 100% to the full color.
To	Set here the end color for the gradient. In the edit box below enter the intensity of the color: 0% corresponds to black, 100% to the full color.

Hatching

A hatching fill is a pattern of lines that is repeated throughout the area.

To apply a hatching pattern to an area, go to the Area page, select *Hatching* from the drop-down list and then select the desired hatching from the list (Figure 100). To apply a background color to the hatching pattern, selecting the **Background color** checkbox and choose a color from the drop-down list.

As for gradients and colors, if the predefined patterns are not satisfactory, you can create a new pattern or modify a predefined one.

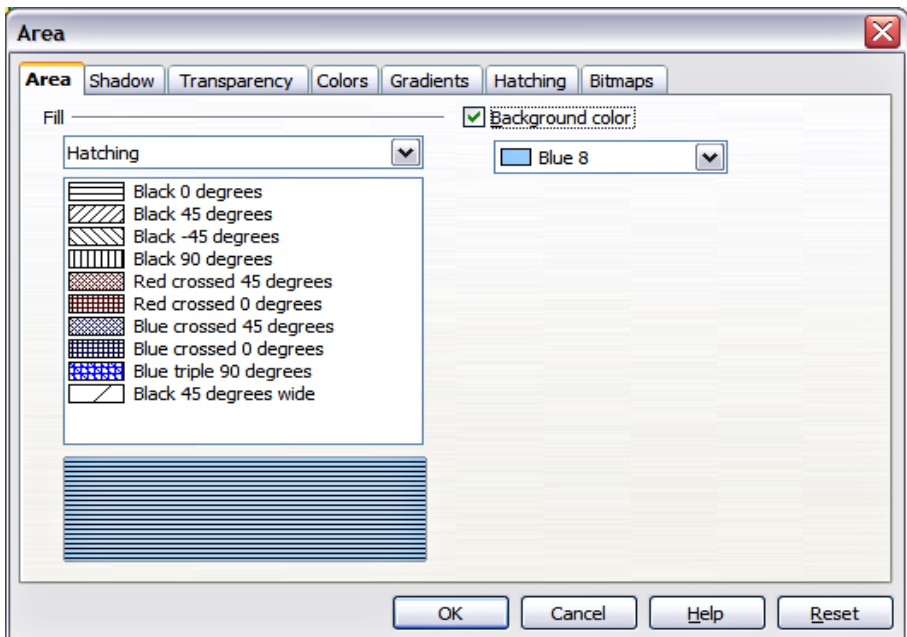


Figure 100: Selecting a hatching fill pattern

Creating hatching patterns

You can create new hatching patterns or modify existing ones. Start by selecting the *Hatching* page of the Area dialog. This is shown in Figure 101.

As for gradients and colors, if the predefined patterns are not satisfactory, it is recommended to create a new pattern rather than modify a predefined one. To do so:

- 1) Select a pattern similar to the one that will be created as a starting point.
- 2) Modify the properties of the lines forming the pattern. A preview is displayed in the window below the available patterns.
- 3) Click the **Add** button and choose a name for the newly created hatching.

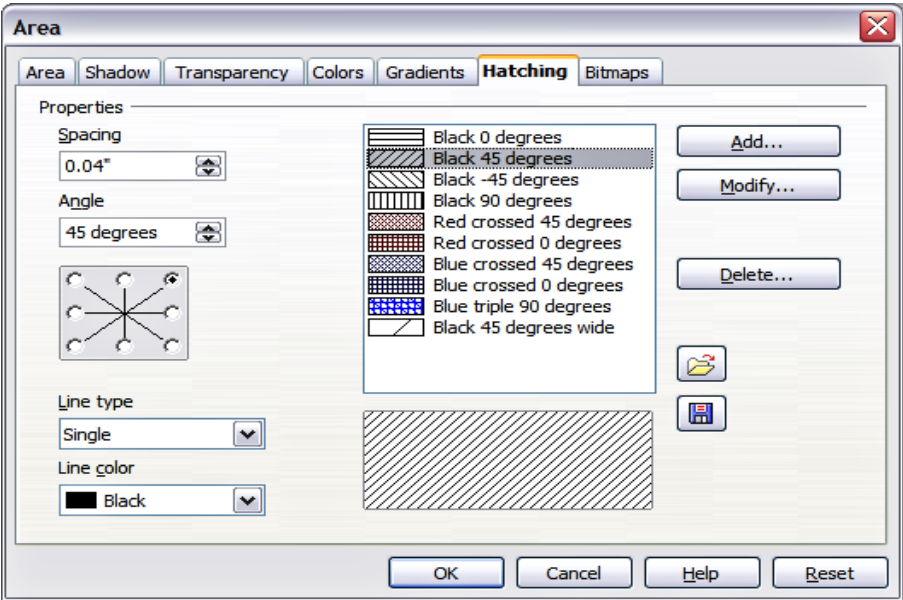


Figure 101: The Hatching fill dialog

The properties that can be set for a hatching pattern are shown in Table 4.

Table 4: Properties of hatching patterns

Property	Meaning
Spacing	Determines the spacing between two lines of the pattern. As the value is changed the preview window is updated.
Angle	Use the mini map below the numerical value to quickly set the angle formed by the line to multiples of 45 degrees. If the required angle is not a multiple of 45 degrees, just enter the desired value in the edit box.
Line type	Set single, double or triple line for the style of the pattern.
Line color	Use the list to select the color of the lines that will form the pattern.

Bitmaps

The last type of fill for an area is the bitmap fill.

On the Area page, chose *Bitmap* from the drop-down list. Select from the list of bitmaps the one to be used to fill the area. Note that any imported bitmaps should be available in the list.

Set the size, position and offset parameters (as applicable) in the right hand side of the page, and then click **OK** to close the dialog.

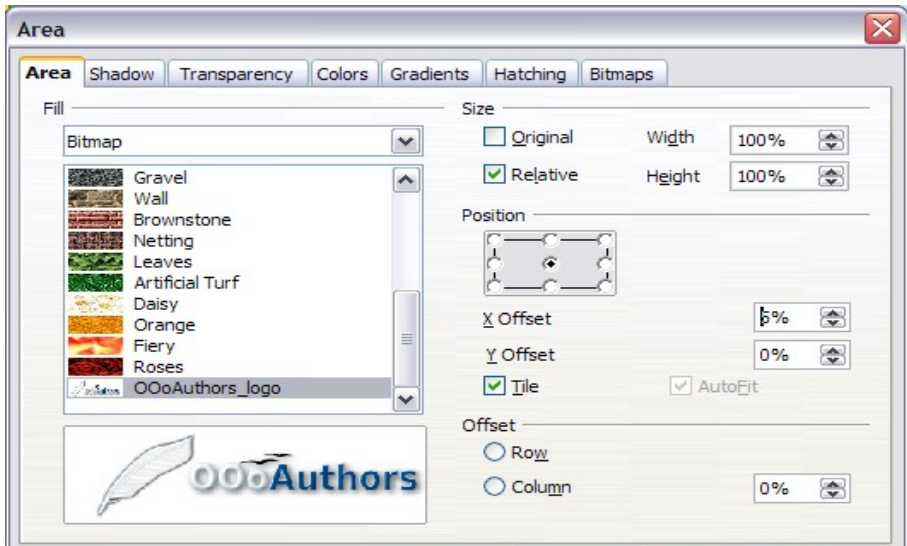


Figure 102: Advanced formatting for bitmap fill

As Figure 102 shows, when using a bitmap fill there are quite a number of parameters to be configured. These are described in Table 5.

Table 5: Bitmap fill properties

Property	Meaning
Size – Original	Select this box to retain the original size of the bitmap.
Size – Relative	To rescale the object deselect the Original checkbox and select this one. The Width and Height edit boxes are enabled.
Size – Width	When Relative is selected 100% means that the bitmap original width will be resized to occupy the whole fill area width, 50% means that the width of the bitmap will be half that of the fill area.
Size – Height	When Relative is selected 100% means that the bitmap original height will be resized to occupy the whole fill area height, 50% means that the height of the bitmap will be half that of the fill area.
Position – Anchor Map	Select from the map the place of the area where the bitmap should be anchored to.
Position – X offset	When tiling is enabled, enter in this box the offset for the width of the bitmap in percentage values. 50% offset means that at the anchor point of the bitmap OOo will place the middle part of the bitmap and start tiling from there.

Property	Meaning
Position – Y offset	This will have the same effect of the X offset, but will work on the height of the bitmap.
Position – Tile	When this checkbox is selected the bitmap will be tiled to fill the area. The size of the bitmap used for the tiling is determined by the Size settings.
Position – Autofit	Stretches the bitmap to fill the whole area. Selecting this checkbox disables all the size settings.
Offset – Row	If tiling is enabled offsets the rows of tiled bitmaps by the percentage entered in the box so that two subsequent rows are not aligned.
Offset – Column	If tiling is enabled, offsets the columns of tiled bitmaps by the percentage entered in the box so that two subsequent columns of bitmaps are not aligned.

The way some of these parameters work is difficult to describe; the best way to understand them is to use them. Some examples of bitmap fills are given in Figure 104 along with the parameters used.

Creating and importing bitmaps

As for the other types of fill, OOo comes with a number of predefined bitmaps, but you can also add (import) new ones or to create your own pattern on a 8x8 grid, using the *Bitmaps* page of the Area dialog (shown in Figure 103).

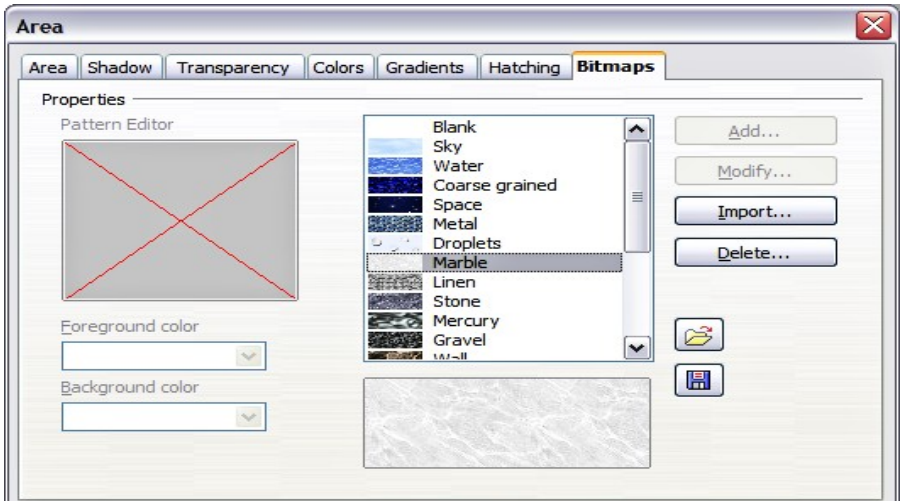


Figure 103: The Bitmaps page of the Area fill dialog.

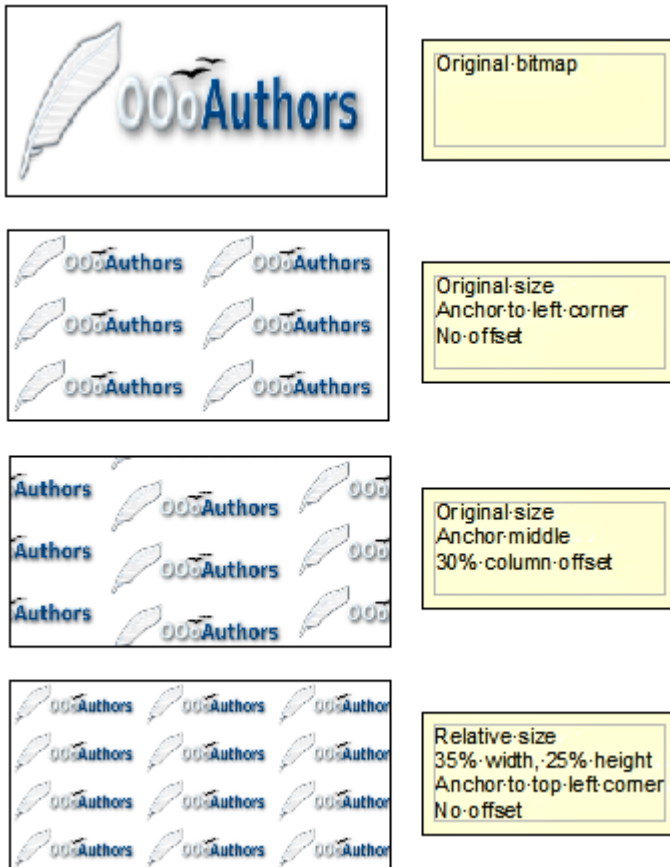


Figure 104: Some examples of bitmap fill

To create a bitmap fill:

- 1) Start with the Blank bitmap type on top of the list to activate the Pattern editor.
- 2) Select the Foreground and Background colors.
- 3) Start creating the pattern by clicking with the left mouse button the squares (pixels) that you want to be painted in the foreground color. Use the right mouse button to apply the background color. Check the preview window to see if the desired effect is achieved.
- 4) When done, click **Add** to save the pattern.

To import a bitmap created in Draw or another program:

- 1) Click the **Import** button.

- 2) A file picker dialog is displayed. Browse to the directory containing the bitmap file and select it, then click **Open**.
- 3) Type a name for the imported bitmap and click **OK**.

Formatting shadows

Shadowing can be applied to both lines and areas. To apply a shadow to an area, first select the object to which shadowing should be applied, then select **Format > Area**.

Shadows can also be applied to lines, but it is not very obvious how to do it. One way is to click the **Shadow** icon on the Line and Filling toolbar (see the last tool in Figure 105). The other way is to apply a style to the line that uses a shadow (see “Using graphics styles to format graphics” on page 102 for additional information on using styles).

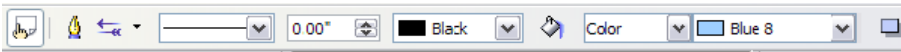


Figure 105: The Line and Filling toolbar provides quick access to many common formatting tools

Using the first method, you cannot customize the shadow; it is applied according to the default settings. The second method offers full flexibility to configure the shadow properties. If the Line and Filling toolbar is not shown when selecting an object, open it using **View > Toolbars** on the menu bar.

The dialog to customize a shadow is shown in Figure 106.

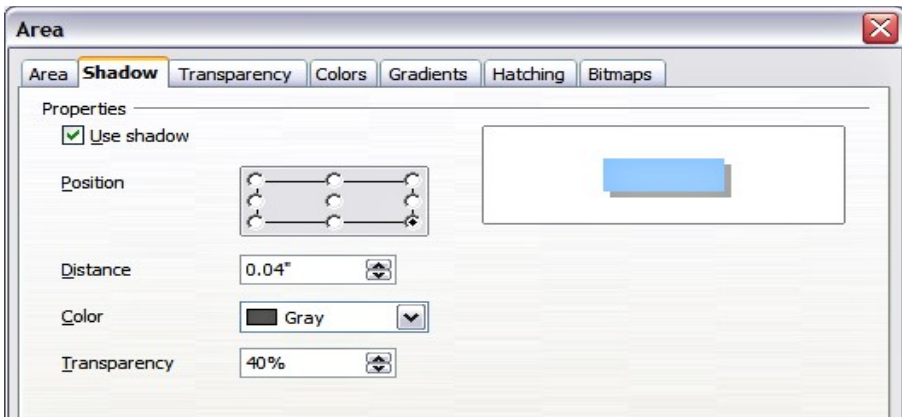


Figure 106: Dialog for customizing the shadowing of graphic objects

When the **Use shadow** checkbox is selected, the following parameters can be set:

- **Position:** the selected point in the mini map determines the direction in which the shadow is cast.
- **Distance:** determines the distance between the object and the shadow.

- **Color:** sets the color of the shadow.
- **Transparency:** determines the amount of transparency for the shadow.

Tip By setting the transparency value above 0%, the objects below the shadow are not completely hidden by the shadow. This produces a pleasant visual effect, as shown in Figure 107.

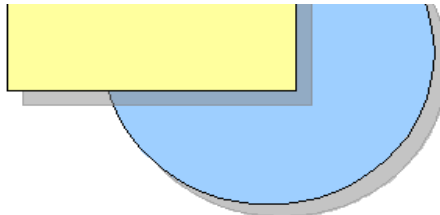


Figure 107: Shadow with 50% transparency

Transparency formatting

Transparency is applicable to lines, areas, and shadows. To apply transparency to lines, refer to “Formatting lines” on page 108; for shadows, refer to “Formatting shadows” on page 122.

To apply transparency to areas, select **Format > Area** and then go to the Transparency page shown in Figure 108.

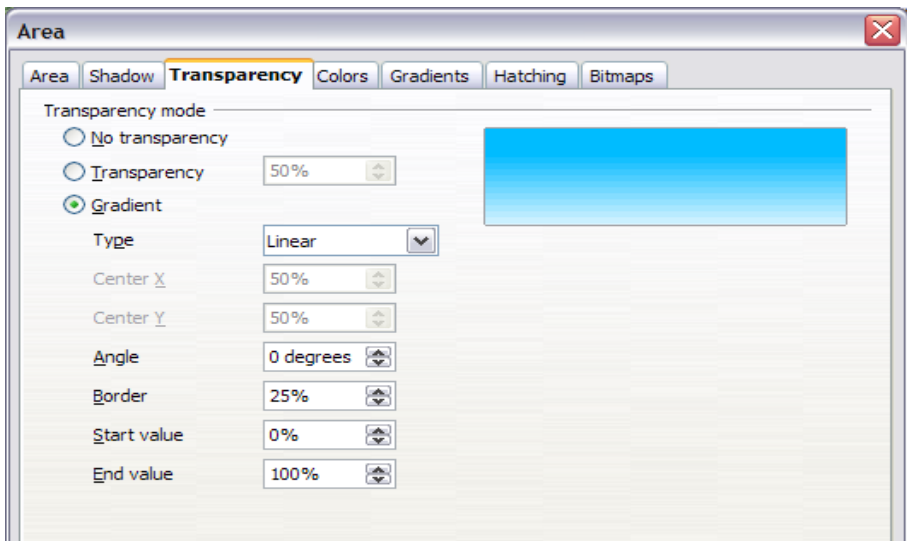


Figure 108: Setting the object transparency

There are two types of transparency: one which is uniformly applied to all the area of the object, and the gradient one. To obtain a uniform transparency, select **Transparency** and then select the percentage of transparency required. For a gradient transparency so that the area becomes gradually transparent, select **Gradient** and then set the parameters of the gradient:

- **Type:** pick between Linear, Axial, Radial, Ellipsoid, Quadratic or Square.
- **Center X, Y:** for some types of gradient, you can specify the position of the center in percentage points.
- **Angle:** the angle of the gradient, applicable to all but the radial type of gradients.
- **Border:** the percentage of the shape (measured from the edge) that is not subject to the gradient settings.
- **Start value:** the transparency value of the start point of the gradient: 0% is fully opaque, 100% means fully transparent.
- **End value:** the transparency value of the end point of the gradient: 0% is fully opaque, 100% fully transparent.

Formatting text

Impress provides two separate dialogs related to text formatting.

- To modify the formatting such as font, font effects and so on, select the text in the shape and then go to **Format > Character**. This is covered in Chapter 3.
- To determine how the text which is added to a line or a shape behaves, use the settings on the Text dialog, as described in this section.

Before formatting text, add it to the object (a shape or a line):

- 1) Select the object to which text will be added.
- 2) With the green (or blue) resizing handles showing, double-click on the object and wait for the cursor to become an I-beam or just start typing.
- 3) Type the text. When finished, click somewhere outside the object or press *Esc*.

To format the text in a shape:

- 1) Select the object to which text was added.
- 2) Select **Format > Text** or right-click on the shape and select **Text** from the pop-up menu. The Text dialog (Figure 109) is displayed.

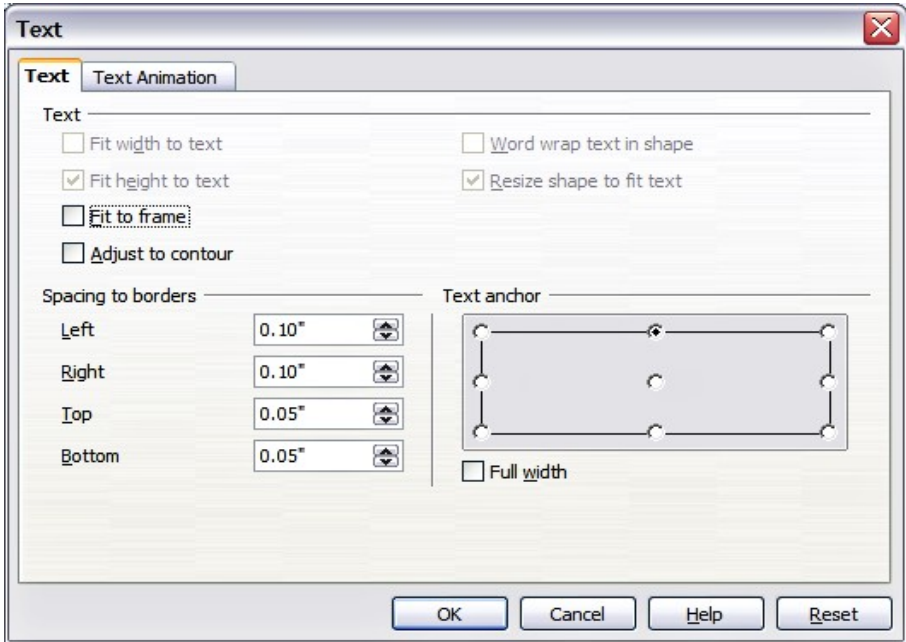


Figure 109: Main dialog to set the text properties

The top section of the dialog offers several options in the form of checkboxes. Some of the checkboxes will be grayed out, depending on the object to which the text will be attached.

- Select **Fit width to text** to expand the width of the shape or line if the text is longer than it.
- Select **Word wrap text in shape** to automatically start a new line when the edge of the shape is reached.
- Select **Fit height to text** to expand the object height whenever it is smaller than the text (set by default for lines).
- Select **Resize shape to fit text** to expand a custom shape when the text inserted in the shape is too large.
- Select **Fit to frame** to expand the text so that it fills all the available space.
- Select **Adjust to contour** to make the text follow a curved line.

In the *Spacing to borders* section, specify the amount of space to be left between the border of the shape or line and the text; this is similar to the settings for indentation and spacing for paragraphs.

The text anchor grid is used to decide where to anchor the text. The **Full width** checkbox determines if the anchoring should be performed to the full width of the shape.

Text animation

Use this page to specify special effects applied to the text. Choose between four options in the list and where applicable the direction of the effect picking one of the four arrow buttons to the right. The available effects are:

- **Blink:** the text will blink on the screen.
- **Scroll through:** the text will move into the shape and then out following the chosen direction.
- **Scroll back and forth:** the text will not exit the shape border and move first in the chosen direction.
- **Scroll in:** the text will scroll in towards the given direction starting from the edge of the shape.

By default no animation is applied.

The other properties that can be set are:

- **Start inside** checkbox: when set the animation will start from inside the shape.
- **Text visible when editing** checkbox: set this box to see the text while editing.
- **Animation cycles:** includes three further options to set the frequency of the animation, the increments between two positions of the animation and finally the delay before the animation starts.

To see some of the animations in action, it is necessary to start the presentation. Press *F9* or select **Slide Show > Slide Show** from the main menu. To return to the edit mode, press *Esc*.

Formatting connectors

Connectors are lines that join two shapes. Connectors stem from a **glue point** of the shape. Refer to Chapter 5 (Creating Graphic Objects) for a description of the usage of connectors.

Connector properties can be accessed and modified in two ways:

- Manual formatting: right-click on the connector line and select Connector in the pop-up menu.
- Style-based formatting: select one of the available graphics styles or create a new one as discussed in “Using graphics styles to format graphics” on page 102.

Both methods open the Connector dialog (shown in Figure 103) where you can set the style of the connectors. Choose between Standard (the default), Line, Straight, and Curved connector. Whenever multiple connectors overlap, use the Line skew section of the dialog to distance the lines. It is possible to customize the distance between 4 different lines.

In the *Line spacing* section of the dialog, set the horizontal and vertical space between the connector and the object at each end of the connector.

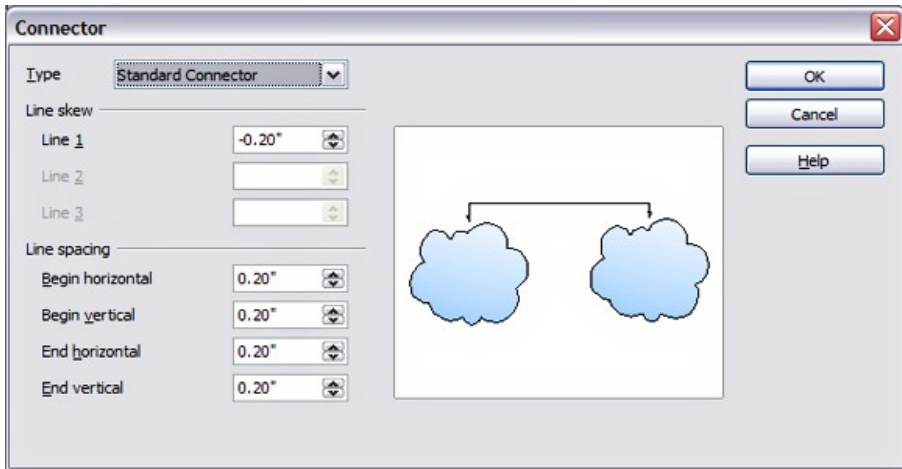


Figure 110: Setting up the connector properties



Chapter 7

Inserting Spreadsheets, Charts, and Other Objects

Using spreadsheets in Impress

A spreadsheet embedded in Impress includes most of the functionality of a spreadsheet in Calc and is therefore capable of performing extremely complex calculations and data analysis. However, in most cases people limit the use of spreadsheets in Impress to creating complex tables or presenting data in a tabular format. If you need to analyse your data or apply formulas, these operations are best performed in a Calc spreadsheet and the results displayed in an embedded Impress spreadsheet.

Inserting a spreadsheet

To add a spreadsheet to a slide, select the corresponding layout in the list of predefined layouts in the Tasks pane, as shown in Figure 111. This inserts a placeholder for a spreadsheet in the center of a slide, as shown in Figure 112. To insert data and modify the formatting of the spreadsheet, it is necessary to *activate* it and enter the edit mode. To do so, double-click inside the frame with the green handles.

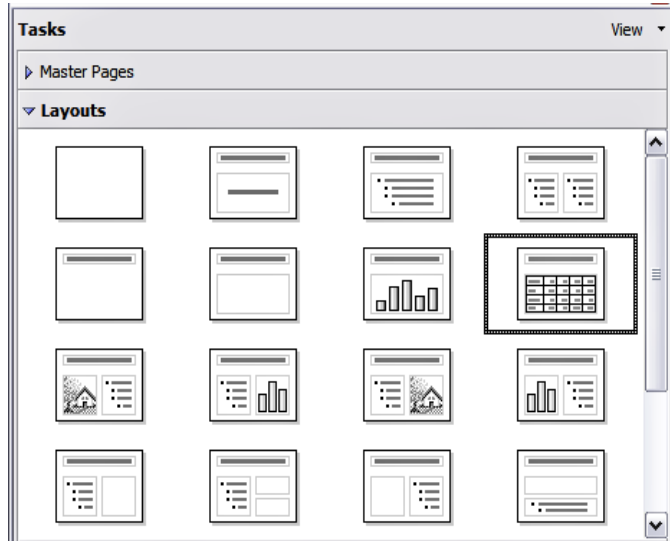


Figure 111: The spreadsheet layout in the task pane

Alternatively, select **Insert > Spreadsheet** from the main menu bar. This opens a small spreadsheet in the middle of the slide. When a spreadsheet is inserted using this method, it is already in edit mode.

It is also possible to insert a spreadsheet as an OLE object as described in “Inserting other objects” on page 141.

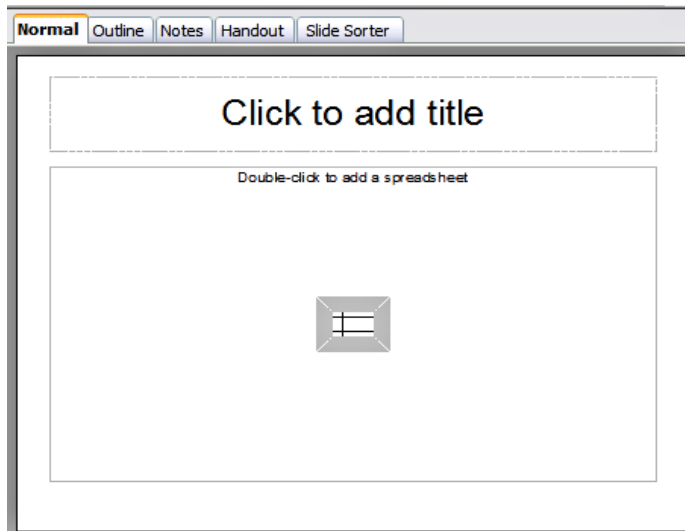


Figure 112: A slide ready to host a spreadsheet

When editing a spreadsheet, the main menu bar and the Formatting toolbar change (see Figure 113) showing entries and tools that make working with the spreadsheet easier.

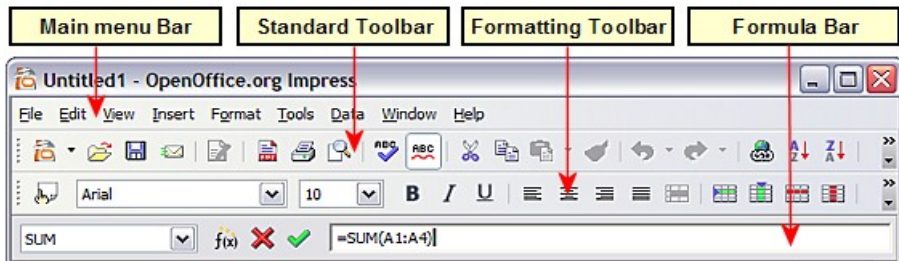


Figure 113: The menu bar and the formatting toolbar in spreadsheet editing mode

One of the most important changes is the presence just under the Formatting toolbar of the Formula toolbar, shown in Figure 128. The Formula toolbar contains (from left to right):

- The active cell reference or the name of the selected range
- The formula wizard button
- The sum and formula buttons *or* the cancel and accept buttons (depending on the contents of the cell)
- A long edit box to enter or review the contents of a cell

If you are familiar with Calc, you will immediately recognize the tools and the menu items since they are much the same.

Resizing and moving a spreadsheet

To resize the area occupied by the spreadsheet or change its position, enter the edit mode and use the black handles found in the gray border surrounding the spreadsheet (see Figure 114).

Move the mouse over the handles to resize the spreadsheet area. The corner handles resize the two sides forming the corner simultaneously, while the handles in the middle of the sides modify one dimension at a time. When moved over each handle, the cursor changes shape to give a visual representation of the effects applied to the area.

When resizing or moving a spreadsheet, ignore the first row and the first column (easily recognizable because of their light gray background) and the horizontal and vertical scroll bars). They are only used for editing purposes and will not be included in the visible area of the spreadsheet on the slide.

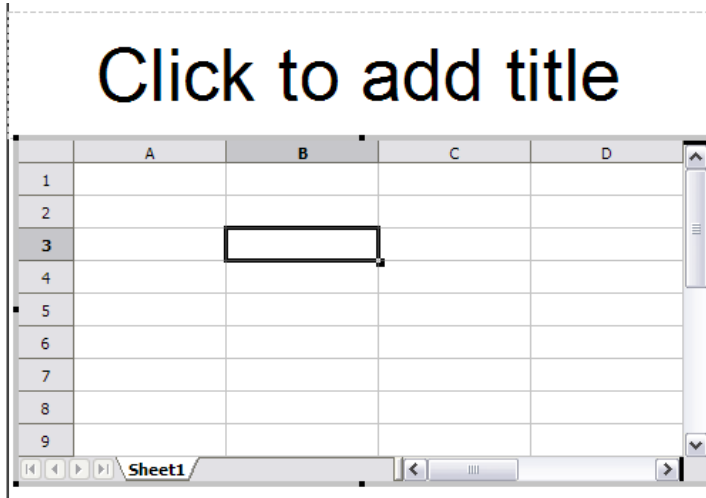


Figure 114: A spreadsheet in edit mode. Note the active cell and the resizing black handles on the gray border

The position of the spreadsheet within the slide can be changed both when in edit mode and when not in edit mode. In both cases:

- 1) Move the mouse over the border until the cursor changes shape (typically a four-headed arrow).
- 2) Click the left mouse button and drag the spreadsheet to the desired position.
- 3) Release the mouse button.

When not in edit mode (green handles), the spreadsheet object is treated like any other object, therefore resizing it results in changing the scale rather than the spreadsheet area. This is not recommended as it may produce distortion of the fonts and picture shapes.

Moving around the spreadsheet and entering data

How a spreadsheet is organized

A spreadsheet consists normally of multiple tables which in turn contain cells. However, in Impress only one of these tables can be shown at any given time on a slide.

The default for a spreadsheet embedded in Impress is one single table called “Sheet 1”. The name of the table is shown at the bottom of the spreadsheet area (see Figure 114).

If required, it is possible to add other sheets. To do that:

- 1) Right-click on the bottom area.
- 2) Select **Insert > Sheet** from the pop-up menu.

Just like in Calc, it is possible to rename a sheet or move it to a different position using the same pop-up menu or the **Insert** menu in the main menu bar.

Note Even if you have many sheets in your embedded spreadsheet, only the sheet which is active when leaving the spreadsheet edit mode will be shown on the slide.

Each of the sheets is further organized in *cells*. Cells are the elementary unit of the spreadsheet. They are identified by a row number (shown on the left hand side on gray background) and a column letter (shown in the upper part again on gray background). For example, the top left cell is identified as A1, while the third cell on the second row is C2. All data, whether text or numbers, is input in a cell.

Moving the cursor to a cell

To move around the spreadsheet and select the cell which has the focus, you can:

- Use the arrow keys.
- Left-click with the mouse on the desired cell.
- Use the combinations *Enter* and *Shift+Enter* to move one cell down or one cell up respectively; *Tab* key and *Shift+Tab* key to move one cell to the right or to the left respectively.

Other keyboard shortcuts are available to move quickly to certain cells of the spreadsheet. Refer to Chapter 7 (Getting Started with Calc) in the *Getting Started* guide for further information.

Entering data in the selected cell

Keyboard input is received by the *active* cell, identified by a thick black border (see Figure 114 where cell B3 is active). The cell reference (or “coordinates”) is also shown on the left hand end of the formula bar.

To insert data, first select the cell to make it active, then type in it. Note that the input is also added to the main part of the formula bar where it may be easier to read.

Impress will try to automatically recognize the type of contents (text, number, date, time and so on) of a cell and apply default formatting to it. Note how the formula bar icons change according to the type of input, displaying accept and reject buttons (



) whenever the input is not a formula. Use the green Accept button to accept the input made in a cell or simply select a different cell. In case Impress wrongly recognized the type of input, it is possible to change it using the toolbar shown in Figure 113, or from the **Format > Cells** in the main menu bar.

Tip Sometimes it is useful to treat numbers as text (for example, telephone numbers) and to prevent Impress from removing the leading zeros or right align them in a cell. To force Impress to treat the input as text, type a single apostrophe ' (U + 00B4) before entering the number.

Formatting spreadsheet cells

Normally, for the purpose of a presentation it may be necessary to increase considerably the size of the font as well as matching it to the style used in the presentation.

The fastest and most flexible way to format the embedded spreadsheet is to make use of styles. When working on an embedded spreadsheet it is possible to access the cell styles created in Calc and use them. It is however recommended to create specific cell styles for presentation spreadsheets, as the Calc cell styles are likely to be unsuitable when working within Impress.

To apply a style (or indeed manual formatting of the cell attributes) to a cell or group of cells simultaneously, first select the *range* to which the changes will apply. A range consists of one or more cells, normally forming a rectangular area. A selected range consisting of more than one cell can be easily recognized because all its cells except the active one have a black background. To select a multiple cells range:

- 1) Click on the first cell belonging to the range (either the left top cell or the right bottom cell of the rectangular area).
- 2) Keep the left mouse button pressed and move the mouse to the opposite corner of the rectangular area which will form the selected range.
- 3) Release the mouse button.

To add further cells to the selection press the *Control* key and repeat the steps 1 to 3 above.

Tip You can also click on the first cell in the range, hold down the *Shift* key, and click in the cell in the opposite corner. Refer to Chapter 7 (Getting Started with Calc) in the *Getting Started* book for further information on selecting ranges of cells.

Some shortcuts are very useful to speed up the selection:

- To select the whole visible sheet, click at the intersection between the rows indexes and the column indexes, or press *Control+A*.
- To select a column, click on the column index at the top of the spreadsheet.
- To select a row, click on the row index on the left hand side of the spreadsheet.

Once the range is selected, you can modify the formatting such as font size, alignment (including vertical alignment), font color, number formats, borders, background and so on. To access these settings, select **Format > Cells** from the main menu bar. This command opens the dialog shown in Figure 115.

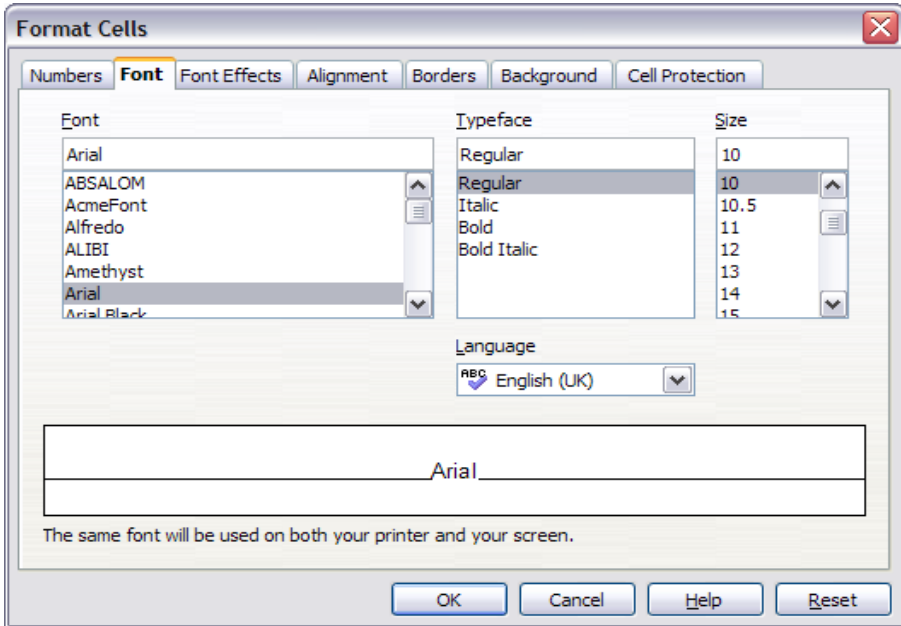


Figure 115: The Format Cells dialog consists of 7 pages

If the text does not fit the width of the cell, increase these values by hovering the mouse over the line separating two columns and, when the mouse cursor changes shape, clicking the left button and dragging the separating line to the new position. A similar procedure can be used to modify the height of a cell (or group of cells).

To insert rows and columns in a spreadsheet, use the **Format** menu or right-click on the row and column headers and select the appropriate option from the pop-up menu. To merge multiple cells, select the cells to be merged and select **Format > Merge cells** from the main menu bar. To de-merge a group of cells, select the group and again **Format > Merge Cells** (which will now have a checkmark next to it).

When you are satisfied with the formatting and the appearance of the table, exit the edit mode by clicking outside the spreadsheet area. Note that Impress will display exactly the section of the spreadsheet which was on the screen before leaving the edit mode. This allows you to hide additional data from the view, but it may cause the apparent loss of rows and columns. Therefore, take care that the desired part of the spreadsheet is showing on the screen before leaving the edit mode.

Inserting a chart

To add a chart to a slide, select the corresponding layout in the list of predefined layouts in the task pane or use the **Insert Chart** feature.

Creating a chart in AutoLayout

- 1) In the Tasks pane, choose a layout that contains a chart (look for the vertical bars). See Figure 116.

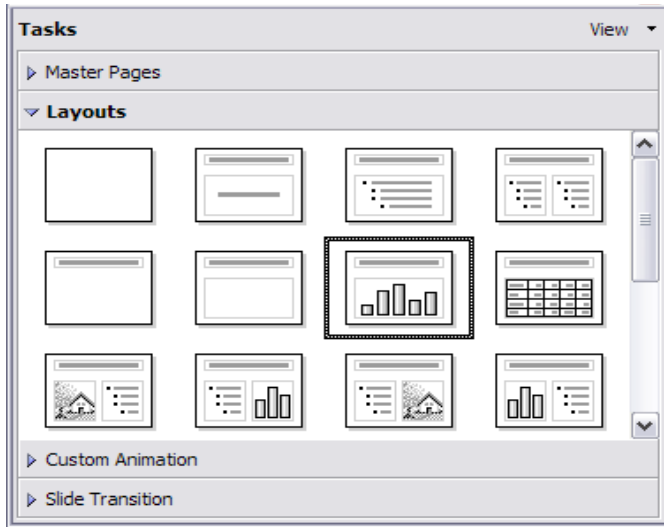


Figure 116: Examples of AutoLayout templates with charts

- 2) Double-click the chart icon in the center of the chart area. A full-sized chart appears that has been created using sample data. See Figure 117.
- 3) To enter your own data in the chart, see “Entering chart data” on page 137.

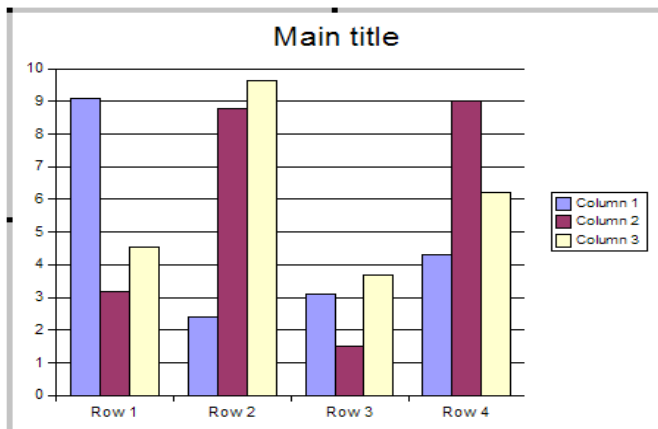




Figure 117: Chart made with sample data

Creating a chart using the Insert chart feature

- 1) Select **Insert > Chart**, or click the **Insert Chart** icon  on the Standard toolbar. A chart appears that has been created using sample data. See Figure 117.
- 2) To enter your own data in the chart, see the “Entering chart data” on page 137.

Choosing a chart type

- 1) Double-click the chart. It should now have a gray border. The main toolbar has now changed to show tools specifically for charts. (If the main toolbar is not showing, select **View > Toolbars > Main Toolbar.**)
- 2) Click the **Chart Type** icon  or select **Format > Chart Type**. The **Chart Type** dialog appears. See Figure 118.
- 3) In the section **Chart category**, select either **2D** or **3D** to see the different types of charts.
- 4) In the section **Chart type**, click one of the icons to select it and see the different variants of the selected chart type in the **Variants** section.

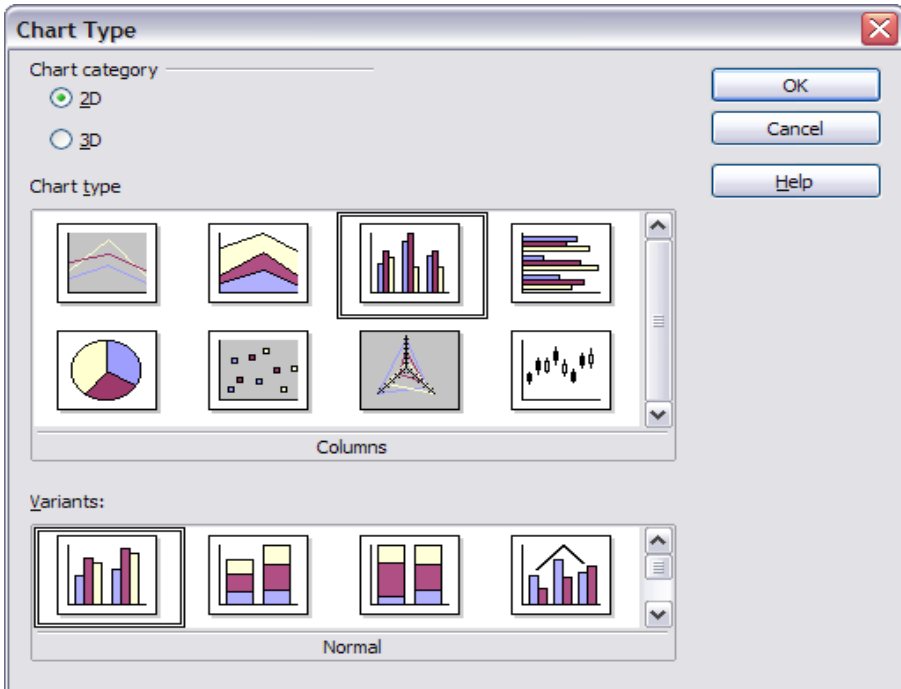



Figure 118: Chart Type dialog showing 2-dimensional charts

- 5) Choose a chart variant.
- 6) Click **OK**. The chart in the presentation reflects the new type selected.

Entering chart data

Opening a chart data window

- 1) Double-click the chart. It should now have a gray border. The main toolbar has now changed to show tools specifically for charts.
- 2) Click the **Chart Data** icon  or select **Edit > Chart Data**. The **Chart Data** window (Figure 119) appears. (If the main toolbar is not showing, select **View > Toolbars > Main Toolbar**.)

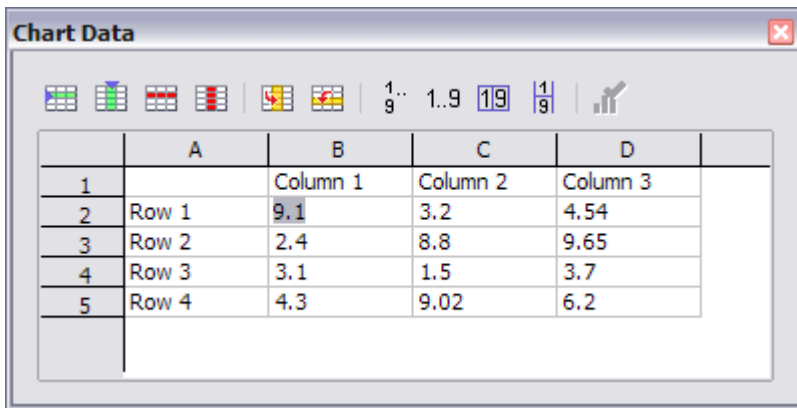


Figure 119: Chart Data area

Entering data

Enter data in the Chart Data window.

- *Insert* buttons insert a row or column.
- *Delete* buttons remove the information from a selected row or column.
- *Switch* buttons exchange the contents of the selected row with the contents of the row below it, or the contents of a column with those of the column to the right.
- *Sort* buttons organize the content in ascending order. You can sort data within a selected row or column, or sort the rows or columns themselves.
- *Apply to Chart* transfers the data from the table to the chart.
- *Input fields* are where you insert data. Enter information in the boxes within the desired rows and columns.

Tip By dragging the Chart Data window so that your chart is visible, you can immediately see the results after clicking the **Apply to Chart** button.

Formatting the chart

Format menu

The format menu has many options for formatting and fine-tuning the look of your charts.

Double-click the chart so that it is enclosed by a gray border. Click **Format** in the main menu list. See Figure 120.

- *Title* formats the titles of the chart, the x axis and y axis.
- *Legend* formats the location, borders, background, and type of the legend.
- *Axis* formats the lines that create the chart as well as the font of the text that appears on both the X and Y axes.
- *Grid* formats the lines that create a grid for the chart.
- *Chart Wall*, *Chart Floor*, and *Chart Area* are described in the following sections.

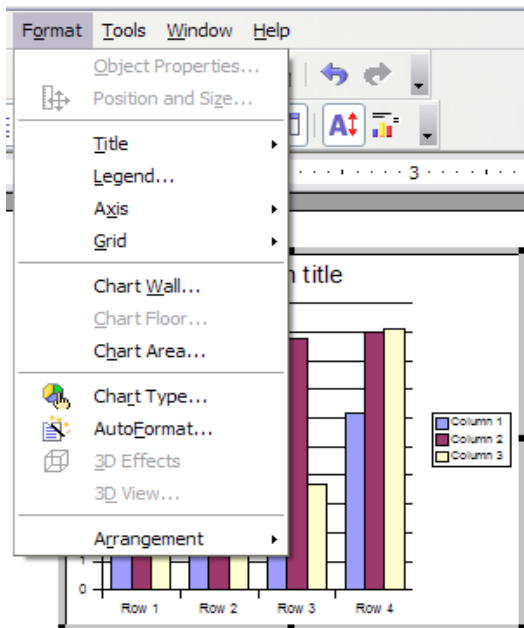


Figure 120: Chart format menu

- *Chart Type* changes what kind of chart is displayed and whether it is two- or three-dimensional.
- *Auto Format* takes you through the AutoLayout feature.
- *3D Effects* formats various elements of a 3D chart.
- *3D View* formats the various viewing angles of 3D chart.

Note **Chart Floor**, **3D Effects**, and **3D View** options are only available for a 3D chart. These options are unavailable (grayed out) if a two-dimensional chart is selected.

The two main areas of the chart control different settings and attributes for the chart. See Figure 121.

- *Chart wall* contains the graphic of the chart displaying the data.
- *Chart area* is the area surrounding the chart graphic. The main title and the key are in the chart area.

Note **Chart Floor**, from the **Format** menu, is only available for 3D charts and has the same formatting options as **3Chart Area** and **Chart Wall**.

Knowing the difference between the chart wall and chart area is helpful when formatting a chart.

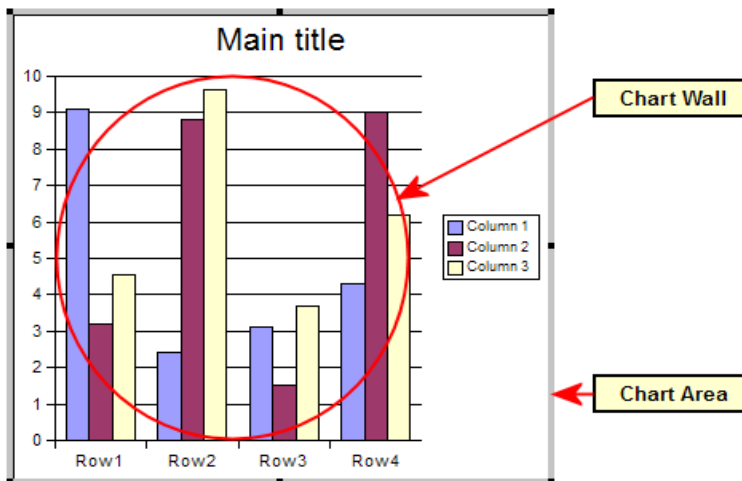


Figure 121: The Chart wall and Chart area

Resizing the chart

- 1) Click on the chart to select it. Green sizing handles appear around the chart.
- 2) To increase or decrease the size of the chart, click and drag one of the markers in one of the four corners of the chart. To maintain the correct ratio of the sides, hold the *Shift* key down while you click and drag.

Moving chart elements

- 1) Double-click the chart so that it is enclosed by a gray border.
- 2) Click any of the elements—the title, the key, or the chart graphic—to select it. Green resizing handles appear.
- 3) Move the pointer over the selected element. When it becomes a four-headed arrow, click and drag to move the element.
- 4) Release the mouse button when the element is in the desired position.

Note If your graphic is 3D, round red handles appear which control the three-dimensional angle of the graphic. You cannot resize or reposition the graphic while the round red handles are showing. With the round red handles showing, *Shift* + *Click* to get the green resizing handles. You can now resize and reposition your 3D chart graphic. See the following tip.

Tip You can resize the chart graphic using its green resizing handles (*Shift* + *Click*, then drag a corner handle to maintain the proportions). However, you cannot resize the title or the key.

Changing the chart area background

- 1) The chart area is the area surrounding the chart graphic, including the main title and key.
- 2) Double-click the chart so that it is enclosed by a gray border.
- 3) Select **Format > Chart Area**. The **Chart Area** window appears ().
- 4) Choose the desired format settings.

Changing the chart graphic background

The chart wall is the area that contains the chart graphic.

- 1) Double-click the chart so that it is enclosed by a gray border.
- 2) Select **Format > Chart Wall**. The **Chart Wall** window appears. It has the same formatting options as described in “Changing the chart area background” above.
- 3) Choose your settings and click **OK**.

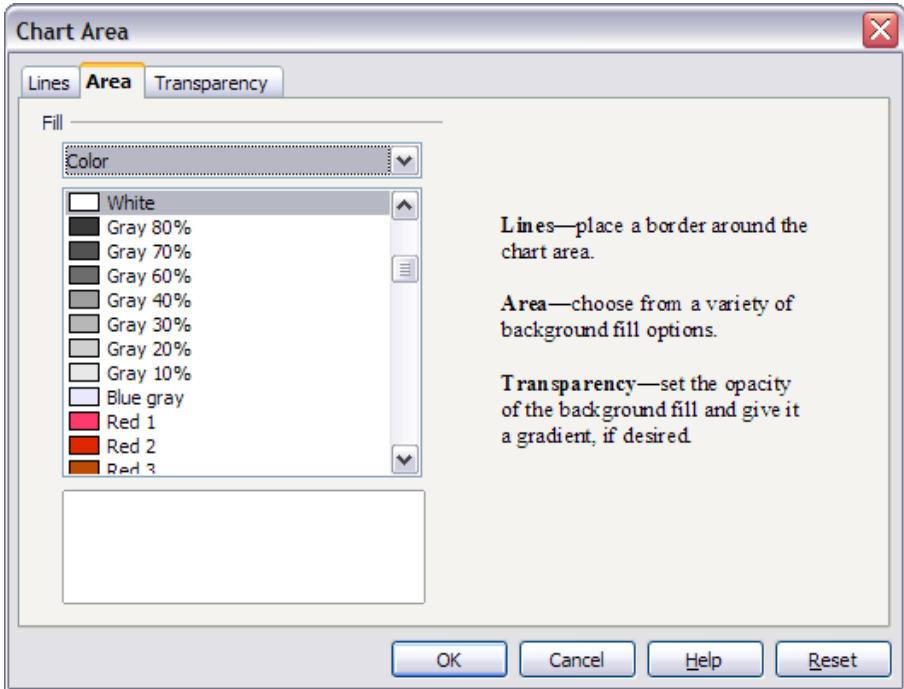


Figure 122: Chart Area dialog

Inserting other objects

Impress offers the capability of inserting in a slide various types of objects such as music or video clips, Writer documents, Math formulas, generic OLE objects and so on. A typical presentation may contain movie clips, sound clips, OLE objects and formulas; other objects are less frequently used since they do not appear during a slide show.

This section covers the part of the Insert menu shown in Figure 123.

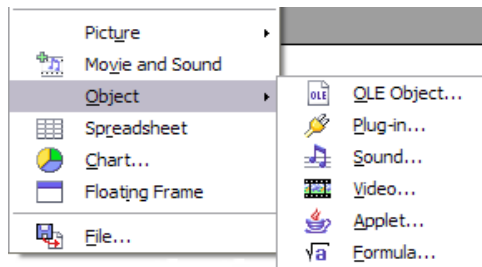


Figure 123: Part of the Insert menu

Movies and sound

To insert a movie clip or a sound into a presentation, select **Insert > Movie and Sound**. Select the media file to insert from the dialog, to place the object on the slide.

To insert media clips directly from the Gallery:

- 1) If not already open, open the Gallery by selecting **Tools > Gallery**.
- 2) Browse to the Theme containing media files (for example the Sounds theme).
- 3) Click on the movie or sound to be inserted and drag it into the slide area.

The Media Playback toolbar (Figure 124) is automatically opened; you can preview the media object as well as resize it. If the toolbar does not open, select **Tools > Media Player**.

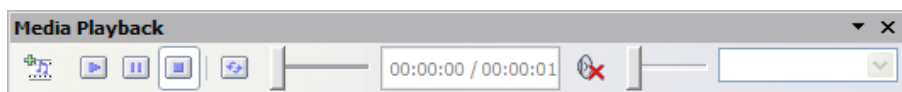


Figure 124: The media playback toolbar (movie clip)

The Media Playback toolbar consists of the following elements:

- *Add button*: opens a dialog where you can select the media file to be inserted.
- *Play, Pause, Stop buttons*: control the media playback.
- *Repeat button*: if pressed the media will restart once finished.
- *Playback slider*: allows to select the position within the media clip
- *Timer*: displays the current position of the media clip
- *Mute Button*: when selected the sound will be suppressed
- *Volume Slider*: allows adjusting the volume of the media clip
- *Scaling drop-down menu*: only available for movies allows scaling of the movie clip.

The movie will start playing as soon as the slide is shown during the presentation.

Note that Impress will only link the media clip, therefore when the presentation is moved to a different computer, the link will most likely be broken and as a consequence the media will not play. An easy workaround that prevents this from happening is the following:

- 1) Place the media file to be included in the presentation in the same folder where the presentation is stored.
- 2) Insert the media file in the presentation.
- 3) When sending the presentation to a different computer, send also the media file and place both files in the same folder on the target computer.

Note At present (OOo 2.1) it is not possible to have a media file played throughout the presentation. It will only be active in the slide where it has been inserted.

Impress offers the possibility to preview the media clips that are to be inserted by means of the provided media player. To open it select **Tools > Media Player**. The media player is shown in Figure 125. Its toolbar is the same as that of the Play Media toolbar described above.

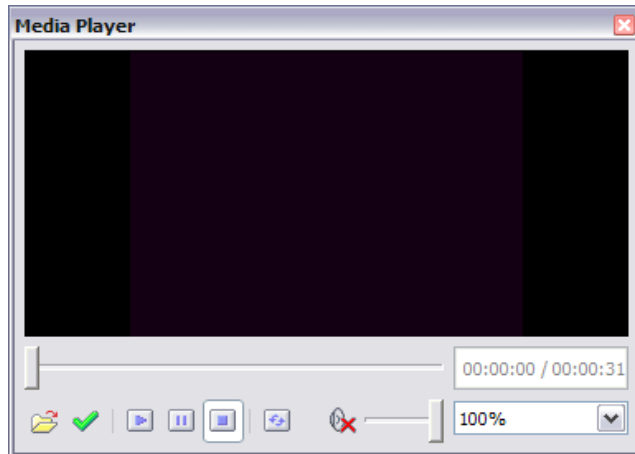


Figure 125: The embedded media player in OpenOffice.org

OLE objects

Use an OLE (Object Linking and Embedding) object to insert in a presentation either a new document or an existing one. Embedding inserts a copy of the object and details of the source program in the target document, that is the program which is associated to the file type in the operating system. The major benefit of an OLE object is that it is quick and easy to edit the contents just by double-clicking on it. You can also insert a link to the object that will appear as an icon rather than an area showing the contents itself.

To create and insert a new OLE object:

- 1) Select **Insert > Object > OLE object** from the main menu. This opens the dialog shown in Figure 126.
- 2) Select **Create new** and select the object type among the available options.

Note “Further objects” is only available under a Windows operating system. It does not appear in the list under any other system.

- 3) Click **OK**. An empty container is placed in the slide.

- 4) Double-click on the OLE object to enter the edit mode of the object. The application devoted to handling that type of file will open the object.

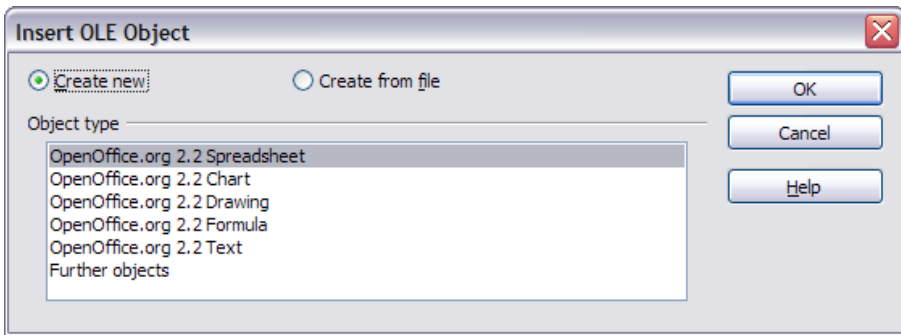


Figure 126: Insert OLE Object dialog

Note If the object inserted is handled by OpenOffice.org, then the transition to the program to manipulate the object will be seamless; in other cases the object opens in a new window and an option in the File menu becomes available to update the object you inserted.

To insert an existing object:

- 1) Select **Insert > Object > OLE object** from the main menu.
- 2) In the Insert OLE Object dialog (Figure 126), select **Create from file**. The dialog changes to look like Figure 127.
- 3) To insert the object as a link, select the **Link to file** checkbox. Otherwise, the object will be embedded.
- 4) Click **Search**, select the required file in the file picker window, then click **Open**. A section of the inserted file is shown on the slide.

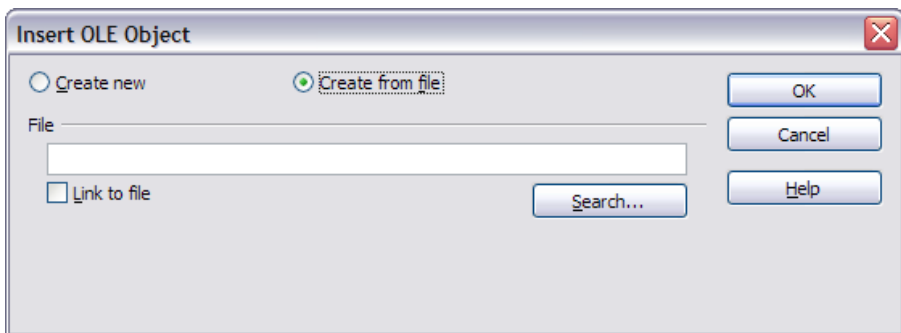


Figure 127: Inserting an object as a link

Other OLE objects

Under Windows, the Insert OLE Object dialog has an extra entry, *Further objects*, as shown in Figure 126.

- 1) Double-click on the entry **Further objects** to open the dialog shown in Figure 128.

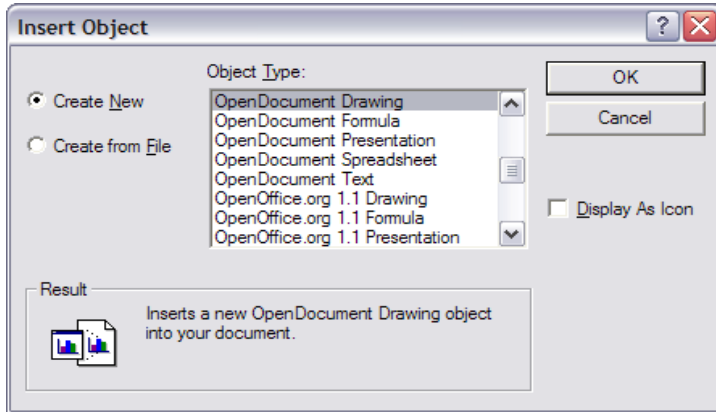


Figure 128: Advanced menu to insert an OLE object under Windows

- 2) Select **Create New** to insert a new object of the type selected in the Object Type list, or select **Create from File** to create a new object from a file.
- 3) If you choose **Create from File**, the dialog shown in Figure 19 opens. Click **Browse** and choose the file to insert. The inserted file object is editable by the Windows program that created it.

If instead of inserting an object, you want to insert a *link* to an object, select the **Display As Icon** checkbox.

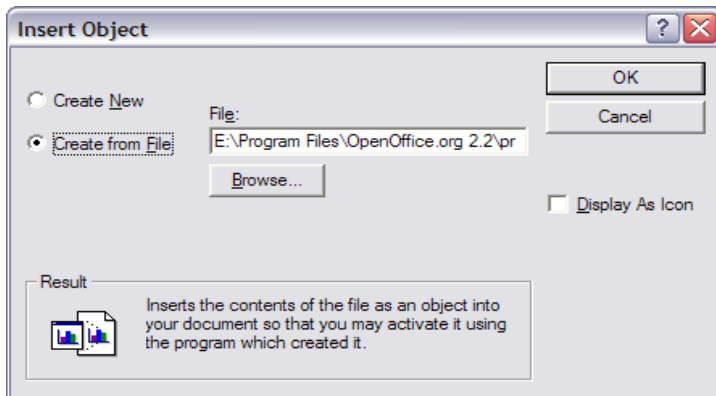


Figure 129: Insert object from a file

Formulas

Use **Insert > Object > Formula** to create a Math object in a slide. When editing a formula, the main menu changes into the Math main menu.

Care should be taken about the font sizes used in order to make them comparable to the font size used in the rest of the slide. To change the font attributes of the Math object, select **Format > Font Size** from the main menu bar. To change the font type, select **Format > Fonts** from the main menu bar.

For additional information on how to create formulas, refer to Chapter 11 (Getting Started with Math) in the *Getting Started* guide, or Chapter 16 (Math Objects) in the *Writer Guide*.

Note that unlike Writer, a formula in Impress is treated as an object, therefore it will not be automatically aligned with the rest of the text. The formula can be however moved around (but not resized) as any other object.

Inserting the contents of a file

You can insert the contents of a file into a presentation. The types of file accepted are OpenOffice.org Draw file, HTML files or plain text files.

Select **Insert > File** from the main menu to open a file picker window. If there is an internet connection, it is also possible to insert in the file name field a URL. Select the file and click **Insert**.



Chapter 8

Adding and Formatting Slides, Notes and Handouts

This chapter describes how to add new slides to the presentation and how to format them. It then introduces two additional views—the Notes view and the Handouts view—and explains how to format Notes and Handouts.

Two pop-up menus are quite useful when performing the operations described in this chapter. One menu is displayed by right-clicking on a slide in Normal view and then selecting **Slide** to display a submenu (shown in Figure 130). The other menu appears by right-clicking on the slide thumbnail in the Slides Pane, as shown in Figure 131, which also shows the tabs to switch view.

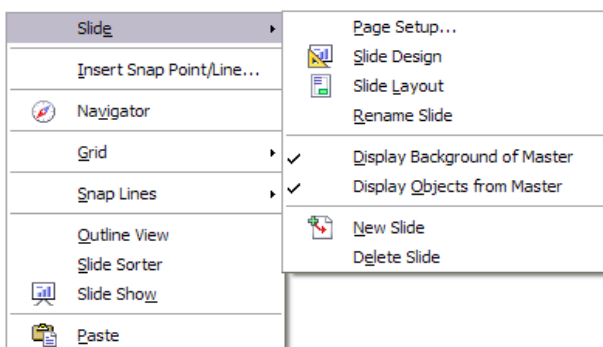


Figure 130: Slide pop-up submenu

Adding, renaming, and removing slides

Adding a new slide

There are several equivalent ways to add a slide to a presentation:

- Select **Insert > Slide** (works in Normal and Outline view).

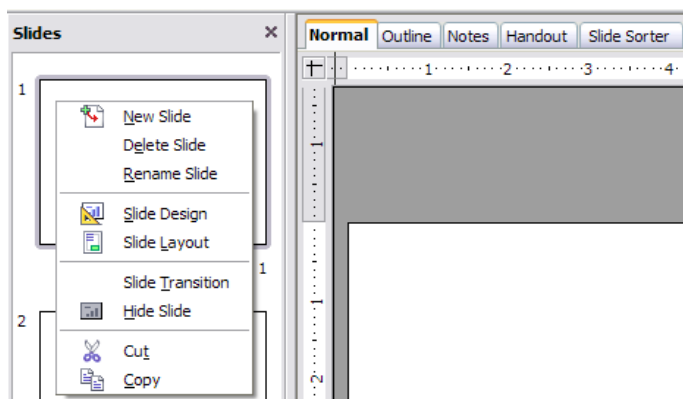


Figure 131: (Left) Pop-up menu on the Slides Pane; (Right) View tabs

- Right-click on the Slides pane and select **New Slide** from the pop-up menu (works in Normal, Outline and Notes view).
- Right-click on the main work area while in Slide Sorter view and select **New Slide** from the pop-up menu.
- On the work area in Normal view, right click on the active slide and select **Slide > New Slide**.

The new slide is inserted after the current slide or in the position where the mouse was clicked.

If multiple slide masters exist, the new slide will apply the master of the previous slide in the sequence.

Inserting a slide from another presentation

You can insert slides from other presentations in three ways:

- Using **Insert > File**. With this method, you can optionally *link* the slides instead of copying (embedding) them into the presentation.
- Copying and pasting.
- Dragging and dropping, to copy or move slides.

To insert a slide from another presentation:

- 1) In Normal view, select the slide after which you want to insert the new slide, then choose **Insert > File** from the menu bar.
- 2) In the file browser, locate the file containing the slide that you want to insert, and click **Insert**.

- 3) In the Insert Slides/Objects dialog (Figure 132), click the plus sign next to the icon for the presentation file, and then select the slides that you want to insert. (You can see that the slides would be easier to select if they had more descriptive names.)
- 4) Optionally select the **Link** checkbox.
- 5) Click **OK**. The slides are inserted after the selected slide in the presentation.

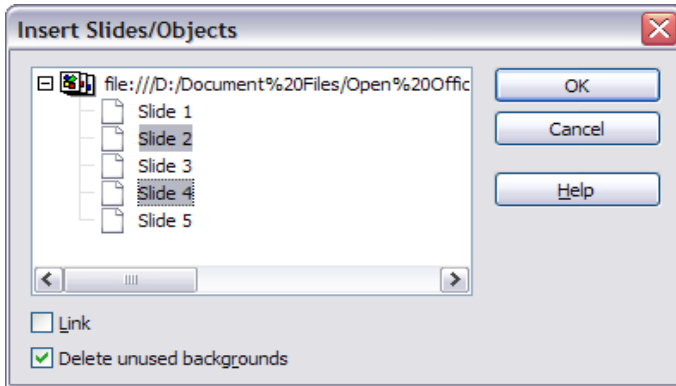


Figure 132: Inserting slides from another presentation

To copy and paste slides between presentations:

- 1) Open the presentations that you want to copy from and paste into.
- 2) In the presentation containing the slides that you want to copy, choose **View > Slide Sorter**.
- 3) Select the slides, and then choose **Edit > Copy**, or click the **Copy** button on the main toolbar, or press *Control+C*.
- 4) Change to the presentation where you want to paste the slides, and then choose **View > Normal**.
- 5) Select the slide that you want the copied slides to follow, and then choose **Edit > Paste**, or click the **Paste** button on the main toolbar, or press *Control+V*.

To copy or move slides between presentations:

- 1) Open the presentations that you want to copy or move slides between. Arrange the windows so both presentations are visible. Choose **View > Slide Sorter** in each window.
- 2) In the presentation containing the slides that you want to copy or move, select the required slides. To **move** the slides, drag and drop them into the other presentation. To **copy** the slides, hold down the *Control* key while dragging and dropping.

Duplicating a slide

Duplicating a slide is a convenient way to add slides, since the new slide is an exact copy of the selected slide. To duplicate a slide:

- 1) Go to Normal view either by clicking on the tab on the work area or selecting **View > Normal** from the menu bar.
- 2) Make sure that the slide to be duplicated is on the work area.
- 3) Select **Insert > Duplicate Slide** from the menu bar.

The duplicated slide is inserted after the original slide and is displayed in the work area.

Here is another way to duplicate a slide:

- 1) In Normal view, go to the slide after which you want to insert the new slide.
- 2) Open the Navigator and select the slide you want to duplicate (see Figure 133).

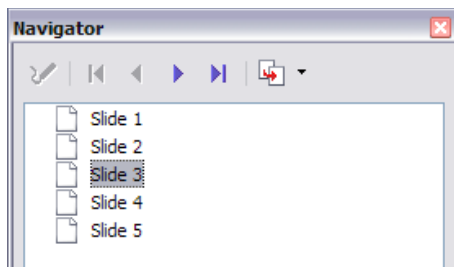


Figure 133: Selecting a slide in the Navigator

- 3) Drag the slide into the workspace and release the mouse button. The Name Object dialog (Figure 134) opens.

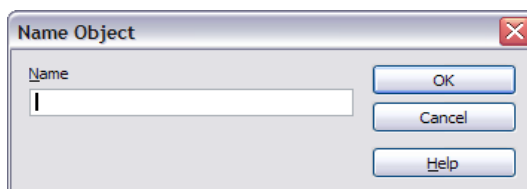


Figure 134: Naming the new slide

- 4) Type a name for the duplicated slide and then click **OK**. The new slide is inserted after the selected slide.

Tip

Duplicating a slide is a good way to prevent having slides with too much information crowded on them. Try duplicating the “busy” slide and split the points over two or more slides. All the formatting, backgrounds and so on will be preserved.

Expanding a slide

Sometimes you will have a slide with too many subpoints to fit in the space available. Instead of reducing the font size or using other methods to squeeze more text into the space, it is usually better to subdivide the contents of the slide into two or more slides.

As mentioned in the Tip above, you can duplicate the slide and manually split the points. Another way is to “expand” the contents of the slide. To do this:

- 1) [optional] Duplicate the slide (in case it is needed later).
- 2) Choose **Insert > Expand Slide** from the menu bar. Impress creates a new slide for each highest level of the outline. The outline text becomes the title of the new slide. Outline points below the top level on the original slide are moved up one level on the new slide.
- 3) If required, repeat steps 2 and 3 on any slide where level 2 entries of the outline exist, to expand those as well.

Figure 135 shows a slide with an outline consisting of three high level points and two second-level points under bullet point 2. The **Expand** command has generated three slides, each having as title the first level outline and (if present) the second level points in the text area.

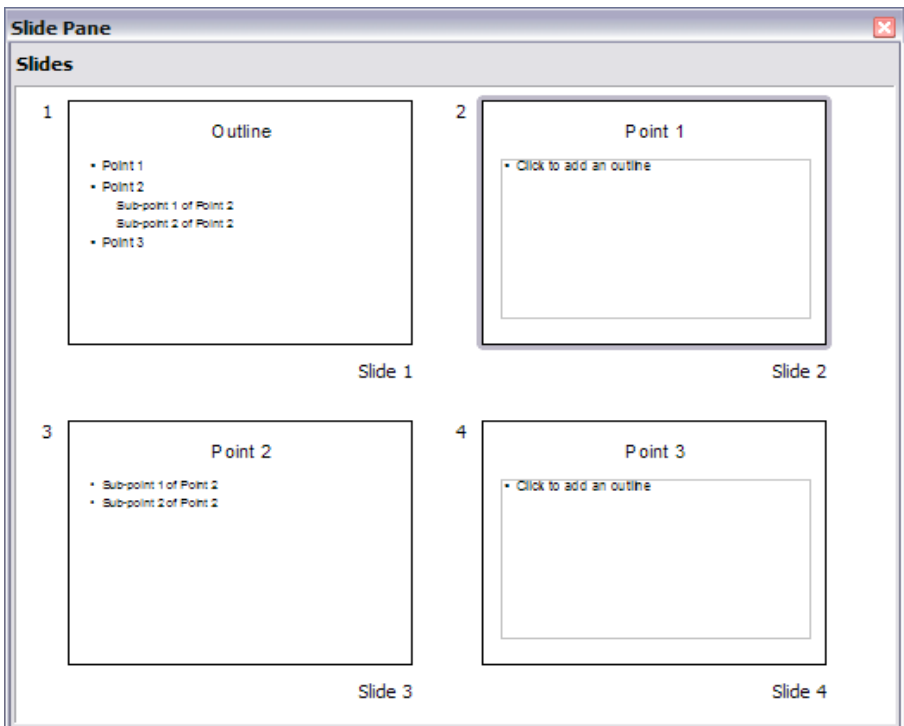


Figure 135: Slide 1 is expanded in slides 2, 3 and 4.

Creating a summary slide

It is also possible to “reverse” the Expand operation to create summaries. The Summary command is useful to create an **agenda for the presentation**.

- 1) Select the slide that will be the first one to appear in the summary. Do this by clicking on it in the Slides Pane or in Slide Sorter view.
- 2) Select **Insert > Summary Slide**. Impress creates a new slide at the end of the presentation where all the titles of the slides from the one after the selected one to the last are written as bullet points in the body of the slide.
- 3) Move this slide to wherever you want it to appear in the presentation.

Renaming a slide

To rename a slide, do one of the following:

- Right-click on the slide thumbnail in the Slides pane or in the main area when in Slide Sorter view and select **Rename Slide** from the pop-up menu.
- In Normal view, right-click on the slide in the work area, then select **Slide > Rename Slide** from the pop-up menu.

In the Rename Slide dialog, type a new name for the slide and then click **OK**.

Deleting a slide

To delete a slide, use the most convenient among these options:

- In Normal, Outline or Slide Sorter view, select a slide and then click **Edit > Delete Slide** or press the *Delete* key.
- In the Slides Pane (not available in Slide Sorter view) right-click on the slide to be deleted and select **Delete Slide** from the pop-up menu, otherwise just select the slide and then press the *Delete* key.
- In Normal view, right-click on the work area, then select **Slide > Delete Slide** from the pop-up menu.

Tip When working in the Slide sorter view (**View > Slide sorter**) it is possible to delete multiple slides simultaneously by selecting them with the mouse and pressing the *Delete* key.

Creating slides from an outline

As discussed in Chapter 1, when planning a presentation it is often quite useful to develop an outline using OOo Writer. Once the outline is ready, you will probably want to create one or more separate slides for each of the top level outline elements. You can do this in several ways:

- Sending the outline from Writer to Impress (creates a new presentation)
- Sending an **autoabstract** from Writer to Impress (creates a new presentation)
- Copying and pasting the outline from Writer to Impress

Sending an outline from Writer to Impress

If a text document in Writer contains headings formatted with the default Heading paragraph styles, you can choose **File > Send > Outline to Presentation** to create a new presentation containing the headings as an outline.

The new presentation opens in Outline view, as shown in Figure 136. Click on the **Normal** tab to populate the slides in the Slides pane.

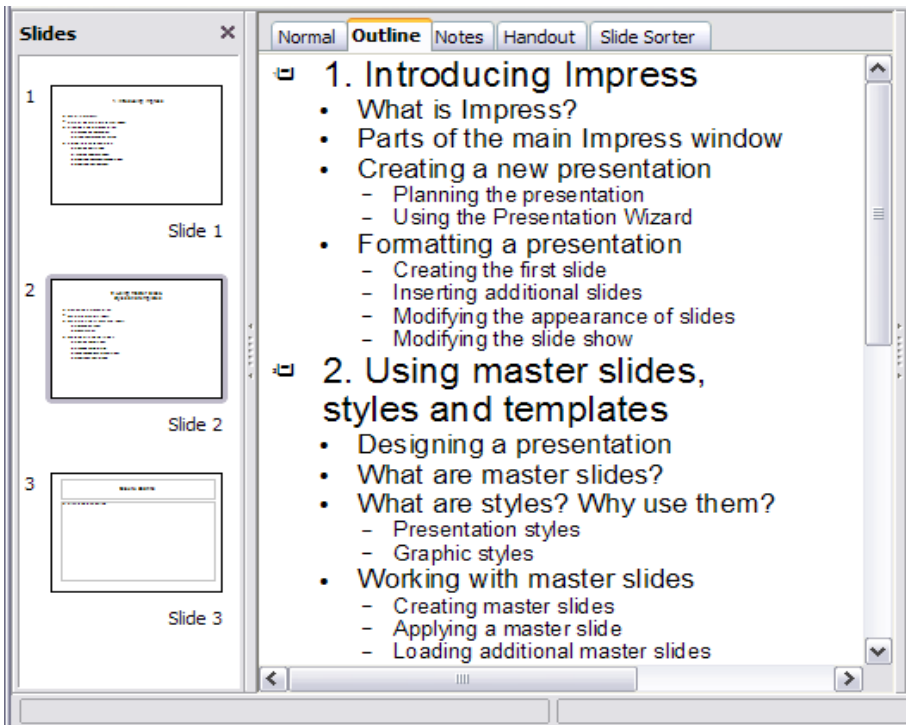


Figure 136: Outline created from a Writer document

As shown in Figure 137, some outline levels may have too many points to fit on one slide. You can expand those slides as described in “Expanding a slide” on page 151, or duplicate the slides and manually change their contents, as described in “Duplicating a slide” on page 150.

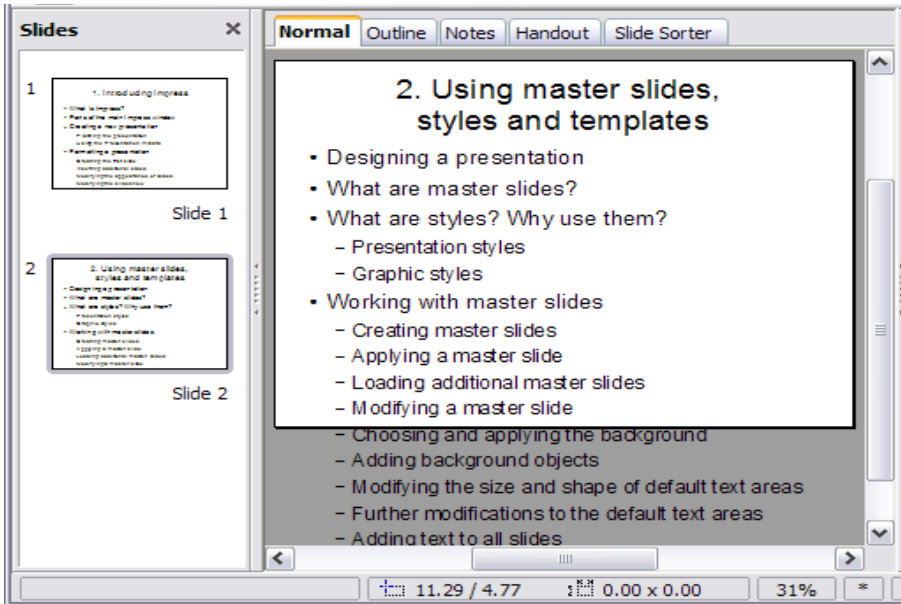


Figure 137: Slides created from an outline may have too many points to fit the space

Sending an autoabstract from Writer to Impress

If a text document in Writer contains headings formatted with the default Heading paragraph styles, you can use the AutoAbstract feature to copy the headings and a number of subsequent paragraphs to a new presentation. You can specify the number of outline levels as well as the number of paragraphs displayed.

- 1) Choose **File > Send > AutoAbstract to Presentation**.
- 2) On the Create AutoAbstract dialog (Figure 138), choose the number of outline levels to be copied to the presentation. For example, if you choose 4 levels, all paragraphs formatted with Heading 1 to Heading 4 are included, along with the number of paragraphs specified in **Subpoints per level**.
- 3) The new presentation opens in Outline view. Click on the **Normal** tab to populate the slides in the Slides pane.
- 4) If some outline levels have too many points to fit on one slide, you can expand those slides as described in “Expanding a slide” on page 151 or duplicate the slides and manually change their contents as described in “Duplicating a slide” on page 150.

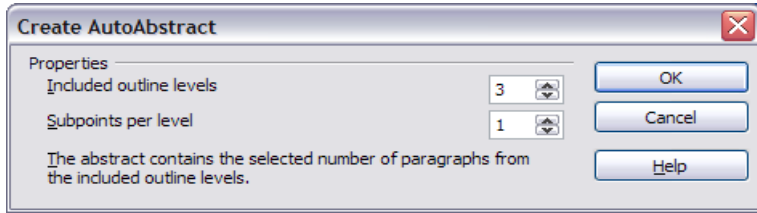


Figure 138: Choosing outline levels for an autoabstract

Copying and pasting an outline

Use this method to add slides from an outline to an existing presentation.

- 1) Create a new slide and choose the “Title, Text” layout (see “Choosing a slide layout from the list” on page 158).
- 2) Paste in the text area the outline created with Writer. Do not worry if the text does not fit the space on the slide.
- 3) When pasting, the hierarchical structure of the outline may be lost. If necessary, use the **Demote** button on the Text Formatting toolbar to recreate it so that the outline points are at the correct hierarchical level. It may be useful to open the Style and Formatting window at the Presentation styles page to track the outline level of each item.
- 4) If some outline levels have too many points to fit on one slide, you can expand those slides or duplicate the slides and manually change their contents.



Modifying slides

It is highly recommended to avoid manually changing the formatting of individual slides in a presentation; instead, use slide masters as much as possible. A presentation can have multiple slide masters, so the need for modifying slide backgrounds or other features should be an exception rather than the rule. See Chapter 2 for details about using slide masters.

Formating the slide or page area

The Page Setup dialog is used for several purposes, some of which depend on where you open the dialog. For example, if you are in Notes view or Handout view when you open the Page Setup dialog, you are setting up the page layout for Notes or Handouts, respectively (see pages 160 and 164 for more information). If you are in Normal view, you are formatting the slides themselves.

Note Any changes to the page format (size, margins, orientation, and so on) apply to *all* slides in the presentation. You cannot define more than one page style in Impress, as you can in Writer or Calc.

You can change the background of individual slides, as described on page 157.

To format the slide or page area:

- 1) Switch to Normal view (click the tab in the main work area or select **View > Normal** in the menu bar).
- 2) Select **Format > Page** from the menu bar, or right-click and choose **Page Setup** from the pop-up menu to open the Page Setup dialog, shown in Figure 139.

The *Page* tab has three sections: *Paper format*, *Margins*, and *Layout settings*. Settings on this tab affect all slides in the presentation.

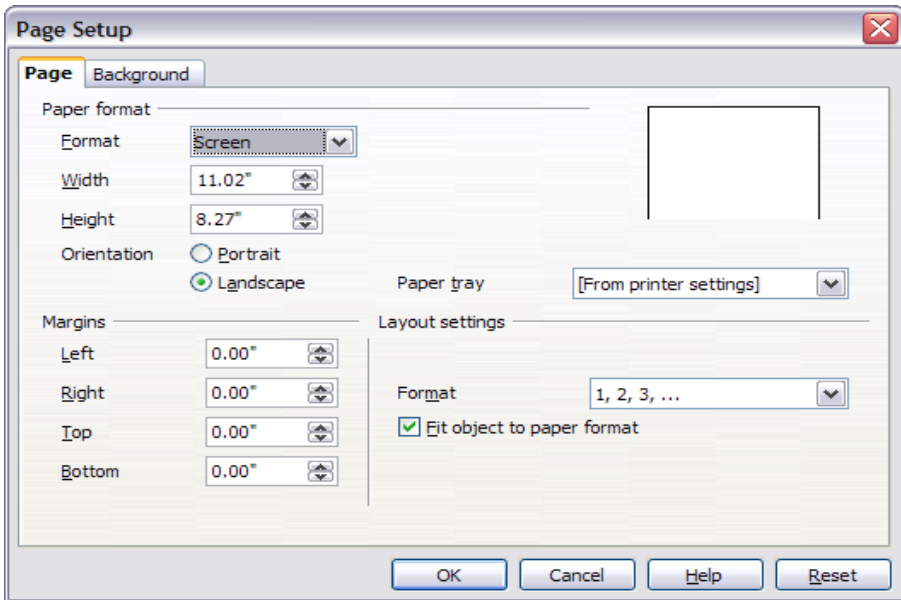


Figure 139: The Page Setup dialog

- 3) In the *Paper format* section, select the preferred **Paper format** from the drop-down list. Note that the dimensions change automatically when a standard format is selected. Despite the name (Paper format), the list contains selections for displaying the slides as well as printing them on paper.

The default values for the *Screen* settings are optimized for screen presentation (4:3 ratio) but will also print on Letter or A4 paper with landscape orientation. If your computer uses a wide-screen monitor, you may

wish to take advantage of that by selecting the *User* format and editing the Width and Height manually.

- 4) You can also select the orientation of the slide or paper (Portrait or Landscape) and the paper tray to be used. Note that in Impress you cannot specify different trays for different pages (slides), as you can in Writer; however, you can specify different trays for printing slides, notes, and handouts. This is useful if, for example, you want to print slides on transparencies and handouts on ordinary paper.

For more about printing presentations, see Chapter 10.

- 5) In the *Margins* section, you can change the spacing between the edges of the page and the contents of the slide.
- 6) In the *Layout settings* section, select the page number format in the Format drop-down list. To allow resizing the slide objects and fonts to fit the paper, select the **Fit object to paper format** checkbox.
- 7) Click **OK** to save your changes.

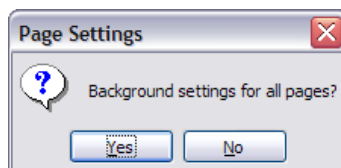
Changing the background of a slide

A presentation can have multiple slide masters, so the need for modifying slide backgrounds should be an exception. See Chapter 2 for details about using slide masters.

Applying a background to a slide master or to individual slides is no different from filling the area of a shape. See Chapter 6 (Formatting Graphic Objects) for details.

To change the background for a slide:

- 1) Switch to Normal view (click the tab in the main work area or select **View > Normal** in the menu bar).
- 2) Select the slide you want to change.
- 3) Select **Format > Page** from the menu bar, or right-click and choose **Page Setup** from the pop-up menu to open the Page Setup dialog. Choose the *Background* tab.
- 4) Follow the instructions in “Formatting areas” in Chapter 6.
- 5) Click **OK** to save the changes. A pop-up dialog (shown below) asks if you want to change the background on all slides. To change only the selected slide, click **No**.



Choosing a slide layout from the list

After creating a new slide, decide what this slide will contain and what layout is most suitable for the purpose. Impress offers various types of predefined layouts that can be applied to a slide; these layouts are shown in Figure 140.

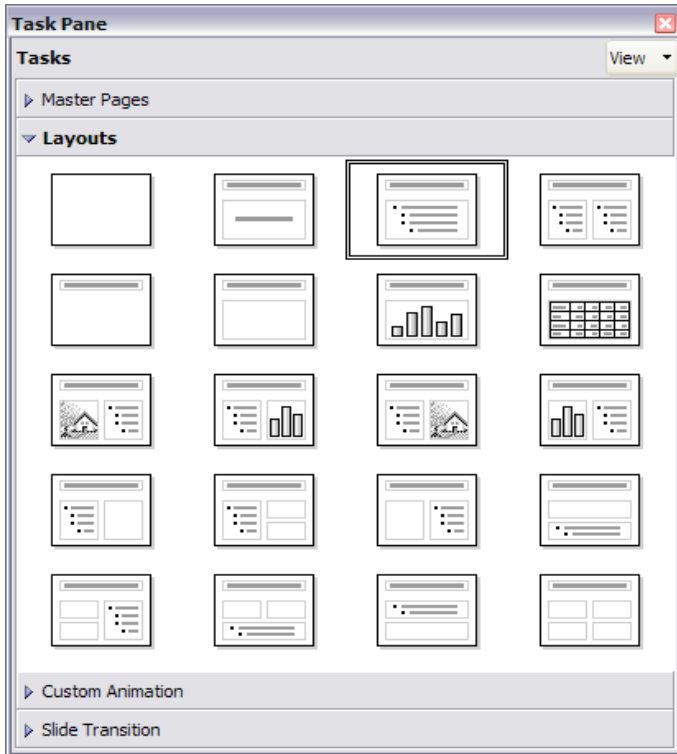


Figure 140: The available automatic layouts for slides

Note If the layout is changed when the slide already contains contents, Impress will not delete the contents, so slide elements may overlap.

To apply a layout to a slide:

- 1) In the Task pane, select the *Layouts* tab. If the Task pane is not visible, select first **View > Task Pane**.
- 2) Hover the mouse cursor over the layout thumbnail to get a tooltip with a summary of the contents included in the layout.
- 3) Click on the selected layout to apply it to the slide.

You cannot create new AutoLayouts. However, if none of these layouts suit your requirements, you can rearrange elements on an individual slide and duplicate that slide as often as needed, copy it from one presentation to another, or save it in a template.

All the techniques discussed in Chapter 3 for working with text boxes can be applied to the Title and AutoLayout text elements of the slide, while the placeholder for images can be moved and resized as discussed in Chapter 4. Chapter 7 describes how to include and modify spreadsheets, charts, and other objects.

Choosing a slide master from the list

In the Task Pane, select the *Master Pages* tab.

To apply one of the slide masters to *all slides* in your presentation, click on it in the list.

To apply a different slide master to one or more *selected slides*:

- 1) In the Slide Pane or the Slide Sorter view, select the slides you want to change.
- 2) In the Task Pane, right-click on the slide master you want to apply to the selected slides, and click **Apply to Selected Slides** on the pop-up menu.

Chapter 2 discusses slide masters (also called “master slides” and “master pages”) in detail.

Adding and formatting notes

Notes view provide a convenient way to create reminders or add extra information to the slides of the presentation. Notes are not displayed during a slide show, so with the dual monitor support feature available since OOo 2.1, you can use notes as a presentation cue. You can also print the notes pages and use them as handouts.

To **add notes to a slide**:

- 1) In the Slides pane, select the slide to which you want to add notes.
- 2) Switch to Notes view (click the tab in the main work area or select **View > Notes** from the menu bar). The main work area looks like Figure 141.
- 3) Click in the text box showing “Click to add notes” and type or paste text or graphics as needed.
- 4) To add notes to another slide, select it in the Slides pane. The Notes view changes to show the selected slide.
- 5) When done entering notes, return to Normal view.

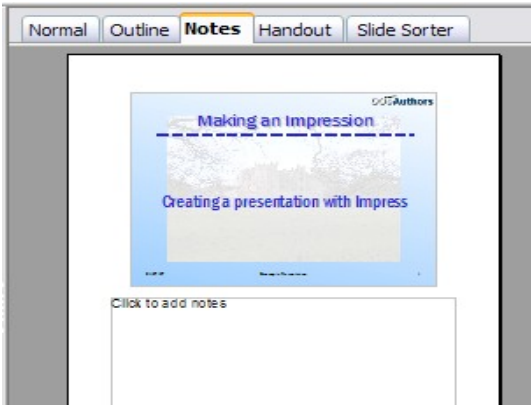


Figure 141: The work area in Notes view

Formatting notes

It is highly recommended to use the Notes Master and the Notes Presentation style to format the appearance of notes, rather than formatting them for each slide individually.

All the formatting guidelines given in this section can be applied to either the Notes Master or to the Notes Presentation style.

To open the Notes Master (Figure 142), choose **View > Master > Notes Master** from the menu bar.

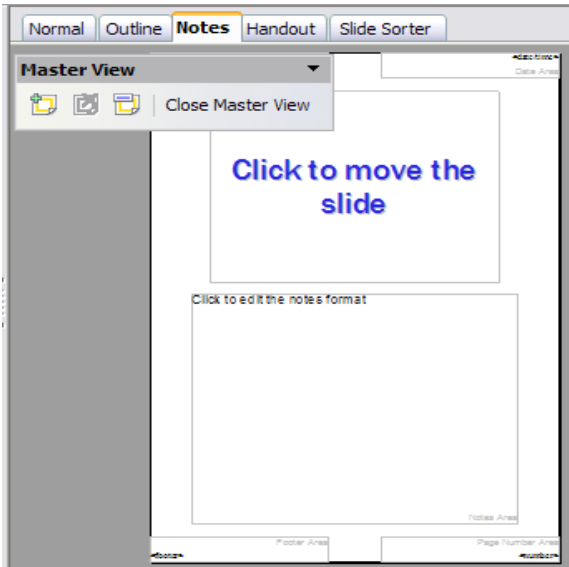


Figure 142: Notes Master View

Formatting the Notes page

To access the Page formatting for the Notes:

- 1) Switch to Notes view (click the tab in the main work area or select **View > Notes** from the menu bar).
- 2) Select **Format > Page** from the menu bar, or right-click and choose **Page Setup** from the pop-up menu to open the Page Setup dialog, shown in Figure 143.

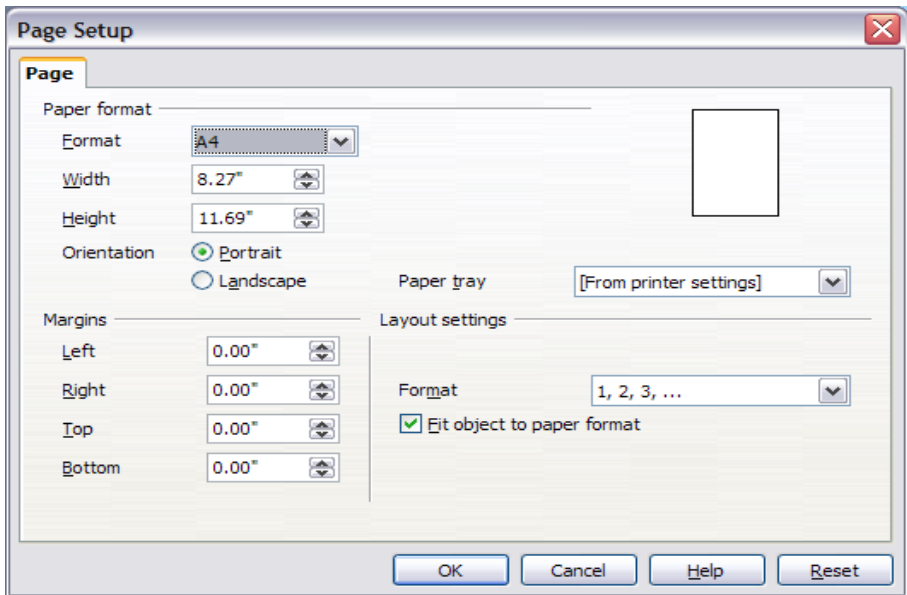


Figure 143: The Page Setup dialog for notes

- 3) Set the desired parameters. The Page Setup dialog for notes is the same as the dialog for slides. Refer to “Formatting the slide or page area” on page 155 for a description of this dialog. The only difference is that by default the Notes page orientation is set to portrait and the format is A4.
- 4) Click **OK** to close the dialog.

Setting automatic layout options

In Notes view, Impress creates four areas where you can put information about the presentation:

- Header area
- Date and Time area
- Footer area
- Slide number area

To customize these fields, proceed as follows:

- 1) Switch to Notes view from the corresponding tab in the work area or by selecting **View > Notes** from the main menu, or open the Notes Master (**View > Master > Notes Master**).
- 2) Select **Insert > Date and Time** from the main menu to display the Header and Footer dialog. Select the **Notes and Handouts** tab (Figure 144).

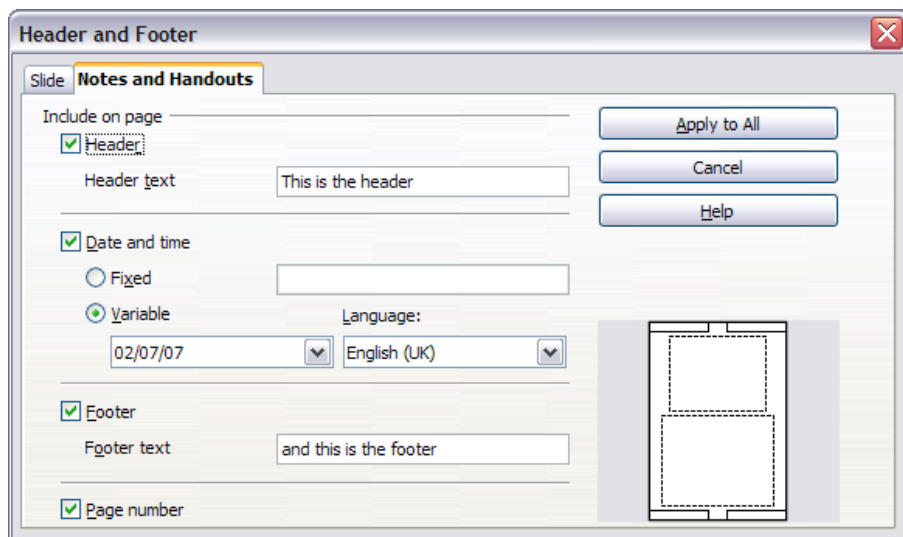


Figure 144: The dialog to set up header and footer for notes

- 3) Select the checkboxes to activate the corresponding areas. For the Header and Footer, type the text in the edit fields.

For the Date and time, select between **Fixed** (enter in the edit box the date and time that should be displayed) or **Variable** (the date and time of the slide creation will be inserted in the notes pages). Use the two drop-down menus to select the format of the date and the language.

If the Page number checkbox is activated, to format the type of numbering refer to “Formatting the Notes page” on page 161).

- 4) Click the **Apply to All** button to save these settings and close the dialog.

Text formatting

When text is inserted in the Notes text box, it is automatically formatted using the Notes style from the Presentation styles. The best way to format the notes text is therefore to modify this style to suit your needs. Refer to Chapter 2 to learn how to work with styles.

If manual formatting is required, for example to highlight a particular section of the notes, the guidelines given in Chapter 3 apply.

Advanced Notes formatting

You can make other changes to the Notes pages. For example, you can:

- Move the text box and the slide image around the page
- Resize the slide image and text box
- Add other text boxes to the page

Printing notes

- 1) Choose **File > Print** from the menu bar.
- 2) Click the **Options** button on the Print dialog.
- 3) In the *Contents* section of the Printer Options dialog, make sure that only the **Notes** checkbox is selected (Figure 145).

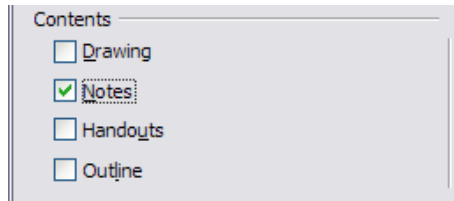


Figure 145: Select Notes for printing

- 4) Make any other adjustments needed on the Printer Options dialog, then click **OK** to save the changes and return to the Print dialog.
- 5) On the Print dialog, make any needed changes and then click **OK** to print.

For more about printing slides, notes, and handouts, see Chapter 9.

Exporting notes to PDF

- 1) Choose **File > Export as PDF** from the menu bar and name the file.
- 2) In the PDF Options dialog, choose the *General* tab.
- 3) Under *General*, make sure that **Export notes** is checked and then click **OK**.

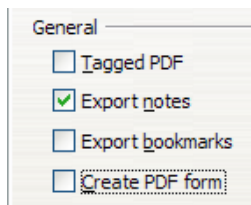


Figure 146: Exporting Notes to PDF

The notes pages follow the presentation in the PDF (that is, if your presentation has 10 slides, the PDF contains 10 pages, each with one slide, followed by 10 pages with notes formatted for paper). If you want only the Notes pages, you will need to use some other program to remove the unwanted pages of slides from the PDF.

Creating handouts

A handout is a special view of the presentation suitable to be printed and distributed to the audience. Each handout page contains from one to six thumbnails of the slides so that the audience can follow what is presented as well as use it as reference. This section explains how to customize the handout page, an example of which is given in Figure 147.

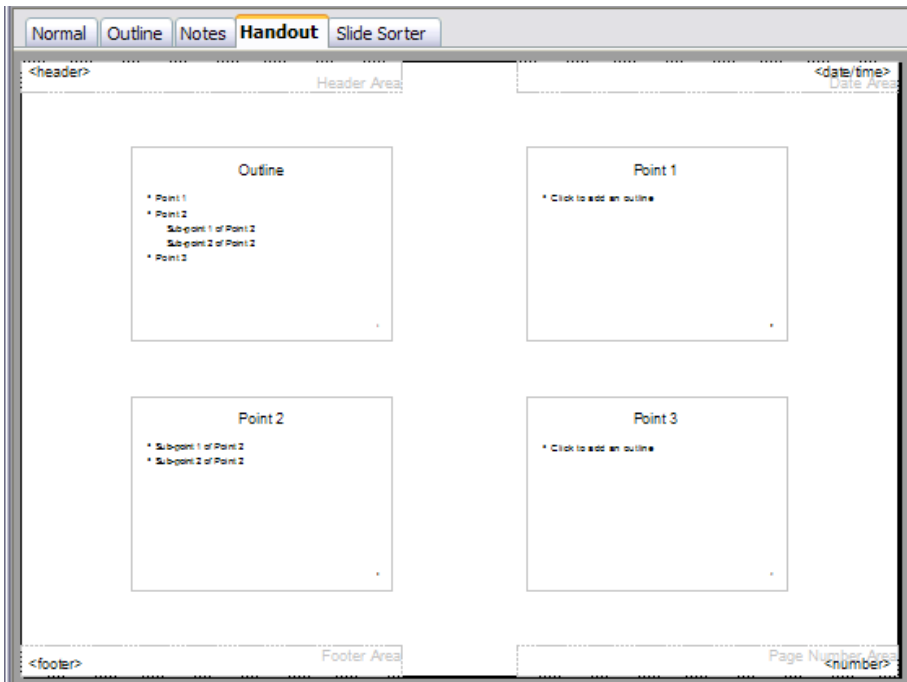


Figure 147: Example of handout with four slide thumbnails

Note that the handout view consists of only one page regardless of the number of slides that compose the presentation.

Changing the layout

When creating handouts, first decide how many slide thumbnails you want printed on each handout page.

- 1) Select the Handout view either by clicking on the tab in the work area or by selecting **View > Handout Page** from the menu bar.
- 2) If the Task pane is not visible, select **View > Task Pane** from the menu bar.

Tip As for any other toolbar, you can undock the Task pane by holding down the *Control* key and double-clicking on an empty part of the pane.

- 3) In the Task pane select the *Layouts* tab, which looks like Figure 148 in Handout view.

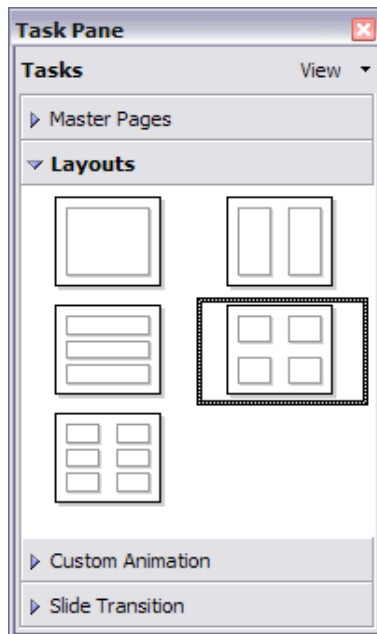


Figure 148: The available layouts for handouts in the Task Pane

- 4) Choose the preferred layout. The main work area changes to reflect the choice.

Formatting handouts

You can format several aspects of the handout, from the page style to the elements that appear on the page. You cannot format individual handout pages; any changes apply to all handouts in the presentation file.

Formatting the page

To format the handout pages:

- 1) Be sure you are in Handouts view. (Click the Handouts tab in the work area or select **View > Handout Page** from the menu bar.)
- 2) Select **Format > Page** from the main menu, or right-click on the handout and select **Slide > Page Setup** from the pop-up menu.
- 3) On the Page Setup dialog (Figure 143 on page 161), set the paper size, orientation (portrait or landscape), margins, and other parameters.
- 4) Click **OK** to close the dialog.

Setting automatic layout options

In Handout view, as in Notes view, Impress creates four areas where you can put information about the presentation:

- Header area
- Date and Time area
- Footer area
- Slide number area

The way to access and customize these areas is the same as for the Notes and uses the same dialog. Refer to “Setting automatic layout options” on page 161 for information.

Note The information in these areas does not show in Handout view, but it does appear correctly on the printed handouts.

Resizing thumbnails and adding graphics

You can move (but not resize) the slide thumbnails and add lines, boxes, and other graphic elements to the handouts. Figure 149 shows an example. See Chapter 5 (Creating Graphic Objects) for instructions on using the graphics tools.

Tip After designing a handout, you may wish to save it in a template so you can reuse it whenever you want. See “Working with templates” in Chapter 2 (Using slide masters, styles and templates) for instructions on saving templates and starting a new presentation from a template.

Caution



If you click on one of the other handout layouts and then return to the one you have reformatted, the slide thumbnails return to their original positions, although any lines or other graphics you have added remain where you put them. You will need to move the thumbnails back to where you want them.

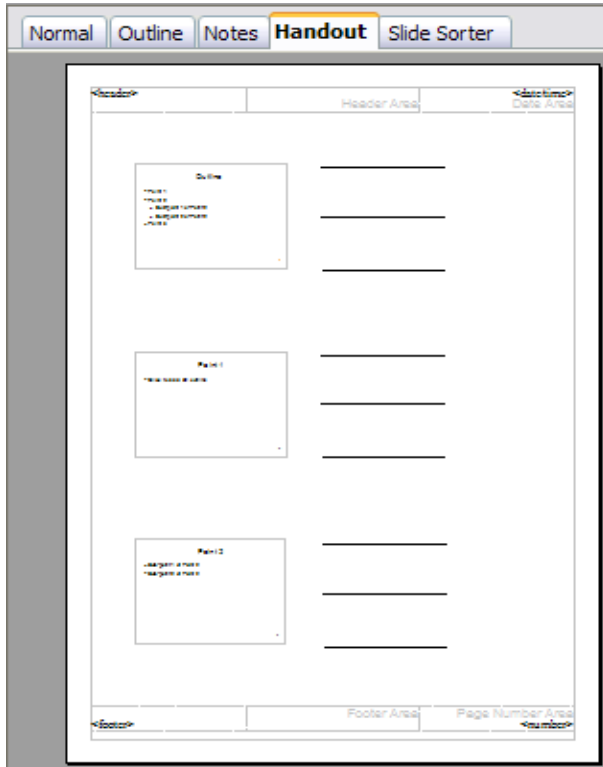


Figure 149: Customized 3-slide handout

Printing handouts

- 1) Choose **File > Print** from the menu bar.
- 2) Click the **Options** button on the Print dialog.
- 3) In the *Contents* section of the Printer Options dialog, make sure that only the **Handouts** checkbox is selected (Figure 150).

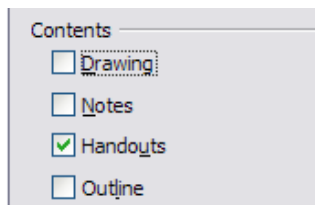


Figure 150: Select Handouts for printing

- 4) Click **OK** to save the change and return to the Print dialog.

- 5) On the Print dialog, you can select which slides to include in the handouts. In the *Print range* section (Figure 151), select **Pages** and specify the slide numbers to be included. Any numbers entered here correspond to *slides*, not pieces of paper.

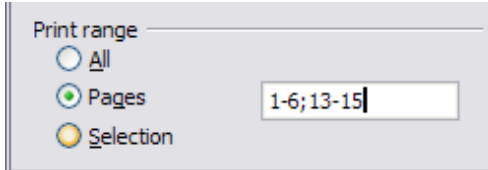


Figure 151: Choose which slides to print

For more about printing slides, notes, and handouts, see Chapter 9.

Note At present there is no way to export handouts to PDF.



Chapter 9

Slide Shows

Transitions, animations, and more

Putting together a slide show

OpenOffice.org Imoress gives you the tools to organize and display a slide show, including:

- What slides to show and in what sequence
- Whether to run the show automatically or manually
- Transitions between slides
- Animations on individual slides
- Interactions: what happens when you click a button or link

Most tasks associated with putting together a show from your slides are best done in Slide Sorter view. Choose **View > Slide Sorter** from the menu bar or click the Slide Sorter tab at the top of the workspace. All of your slides appear in the workspace; you may need to scroll to see them all.

Choosing basic settings for a slide show

Basic settings for a slide show include which slide to start from, the way you advance the slides, the type of presentation, and pointer options.

Choose **Slide Show > Slide Show Settings**. The Slide Show dialog (Figure 152) appears.

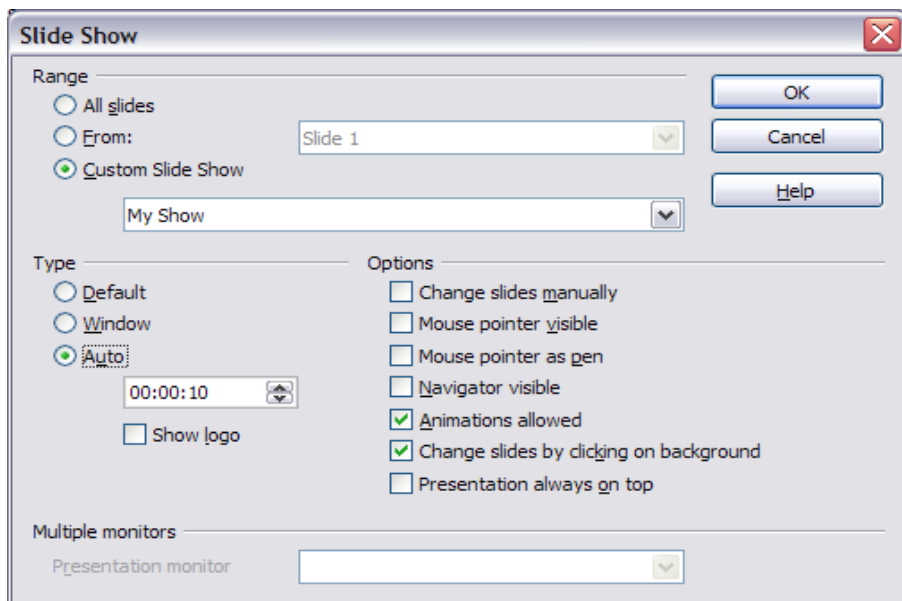


Figure 152: Choosing slide show settings

In the *Range* section, choose which slides to include in the slide show:

- **All slides** includes all of the slides except for those marked Hidden (see “Hiding slides so they do not appear in a show” on page 172). Slides are shown in the sequence they occur in the file. To change the sequence, either rearrange the slides in the slide sorter or choose a custom slide show (see “Showing slides in a different order” on page 172).
- **From:** starts the show at a slide other than the first. For example, you might have several slides at the beginning that describe you and your company, but when you present this show to your work colleagues, you want to skip that introduction.
- **Custom Slide Show** shows the slides in a different sequence that you have previously set up. This choice is not available until after you set up a custom slide show (see “Showing slides in a different order” on page 172). You can set up as many different custom shows as you wish from one set of slides; they will appear in the drop-down list under this choice.

In the *Type* section, choose how the slides will be displayed:

- **Default** shows the slides full screen, without the OpenOffice.org program controls visible, and exits the show after the last slide.
- **Window** runs the slide show in the OpenOffice.org program window and exits the show after the last slide.

- **Auto** restarts the slide show after the last slide. A pause slide is displayed between the last slide and the start slide. Press the *Esc* key to stop the show.

In the box under this choice, specify the length of time before the show restarts. If you enter zero, the show restarts immediately without showing a pause slide.

To display the OpenOffice.org logo on the pause slide, select the **Show logo** checkbox. The logo cannot be changed.

In the *Options* section:

- **Change slides manually** prevents slides from changing automatically. This choice overrides the **Auto** selection under *Type*.
- **Mouse pointer visible** shows the mouse pointer during a slide show. If you do not have a laser pointer or other device, this can be quite useful.
- **Mouse pointer as pen** enables you to write or draw on slides during the presentation. Anything you write with the pen is not saved when you exit the slide show. The color of the pen cannot be changed.
- **Navigator visible** displays the Navigator during the slide show. For more about the Navigator, see Chapter 1 (Introducing Impress).
- **Animations allowed** displays all frames of animated GIF files during the slide show. If this option is not selected, only the first frame of an animated GIF file is displayed. (This has nothing to do with the slide animations described in “Using slide animation effects” on page 177.)
- **Change slides by clicking on background** advances to the next slide when you click on the background of a slide. (Other ways of advancing to the next slide include pressing the spacebar on the keyboard.)
- **Presentation always on top** prevents any other program window from appearing on top of the presentation.

In the *Multiple monitors* section, you can choose which monitor to use for full screen slide show mode, if the current desktop is displayed on more than one monitor. If the current desktop spans only one monitor, or if the multiple-monitor feature is not supported on the current system, you cannot select another monitor. By default the primary monitor is used for slide show mode.

Notes	The multiple monitors feature is new in OpenOffice.org Impress 2.1. This setting is saved in the user configuration and not inside the document.
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Hiding slides so they do not appear in a show

You may not want to show all of the slides in a particular show. You can either hide some of the slides or set up a custom slide show. Which method is best depends on your needs. For example, you may have draft slides that you will show when they are finished, or you may have some slides that contain information for yourself, not your audience.

To hide a slide:

- 1) In the Slides pane, or in Slide Sorter view, select the slides that you want to hide.
- 2) Click the **Show/Hide Slide** icon on the Slide View toolbar, or choose **Slide Show > Show/Hide Slide**. The slide number now has a box around it, with a line through it, so indicate that it is hidden (see Figure 153). The slide remains in the file.

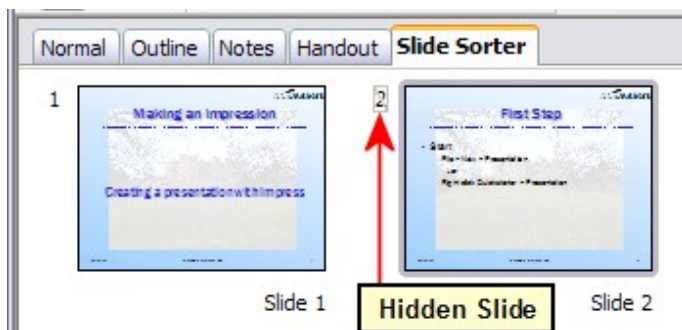


Figure 153: Slide 2 is hidden

To show a hidden slide:

- 1) In the Slides pane, or in Slide Sorter view, select the hidden slides that you want to show.
- 2) Click the **Show/Hide Slide** icon on the Slide View toolbar, or choose **Slide Show > Show/Hide Slide**.

Showing slides in a different order

To show the slides in a different order, you can either rearrange them in the slide sorter or set up a custom slide show. You can define as many custom slide shows as you need from one set of slides. In a custom slide show, you can choose which slides to include as well as the order in which they are shown. Any slides marked Hidden will not appear in a custom show.

Setting up a custom slide show

To set up a custom slide show:

- 1) Choose **Slide Show > Custom Slide Show** from the menu bar.
- 2) On the Custom Slide Shows dialog (Figure 154), select the **Use Custom Slide Show** checkbox and click **New**.

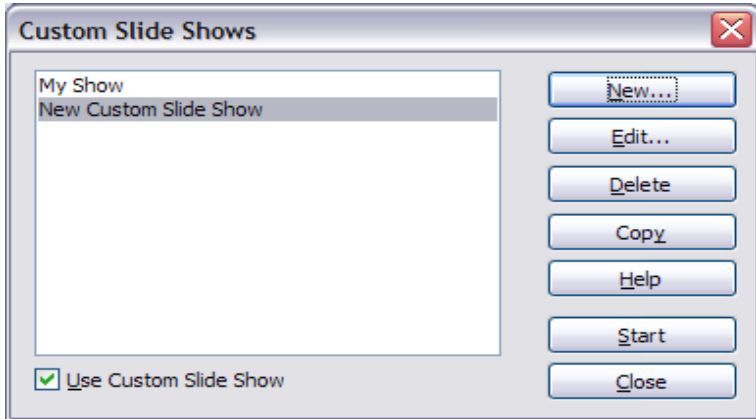


Figure 154: Start here to define or change a custom slide show

- 3) On the Define Custom Slide Show dialog (Figure 155), type a name for the new custom show. Then, in the *Existing slides* list, select the slides to include in the show, **in the order you want to show them**. Click the >> button to include the slides in the *Selected slides* list. In Figure 155, Slide 1 has been included, and Slide 2 has been selected but not yet included.

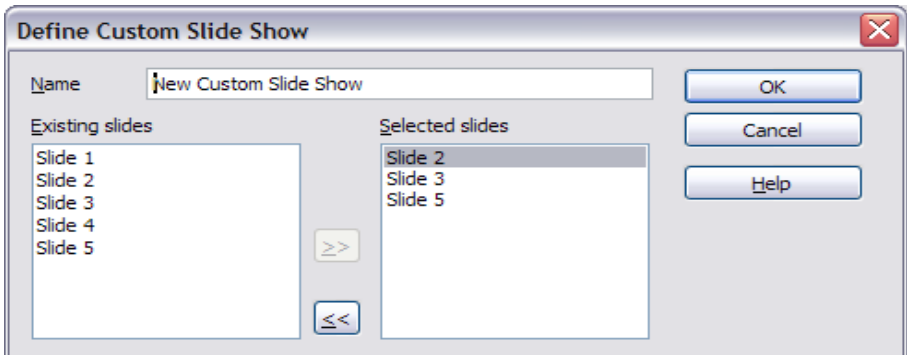


Figure 155: Defining a custom slide show

You can select and include several slides at the same time. Hold down the *Shift* key and click the first and last slide in a group to select that group (for example, slides 3 through 7), or hold down the *Control* key and click on individual slides to select them (for example, slides 3, 5, and 9).

- 4) When you are done arranging the order of the slides, click **OK** to save this custom show and return to the Custom Shows dialog.

Note If you include several slides at the same time, they are added to the *Selected slides* list in numerical order regardless of the order in which you selected them. In other words, if you click on slides 3, 9, and 5 in that order and add them all at the same time, they will be included in the *Selected slides* list in this order: 3, 5, 9. To put them in a different order, either select and include them one at a time or select and drag them up or down the list.

Tip Slides are added to the *Selected slides* list after the slide that is highlighted in that list. The last slide added is highlighted unless you select a different one. For example, you may have added slides 1, 2, 3 and 9, in that order. Slide 9 will be highlighted. If you now want to add slide 15 between slides 2 and 3, select 2 in the *Selected slides* list, then select slide 15 in the *Existing slides* list and click >>.

You can also add slide 15 at the end of the *Selected slides* list and then drag it up to where you want it in the sequence.

Editing, deleting, or copying a custom slide show

To edit a custom slide show (add, remove, or change the order of slides, or change the name of the show), select it in the Custom Shows dialog (Figure 154) and click **Edit**.

To delete a custom slide show, select it in the Custom Shows dialog and click **Delete**. Deletion is immediate; no confirmation message appears.

To create a copy of a slide show, select it in the Custom Shows dialog and click **Copy**. You can now edit the copy to rename it or add, remove, or change the order of slides in it.

You can run a custom slide show (for example, to test it) from the Custom Shows dialog, if the **Use Custom Slide Show** checkbox is selected. Select the slide show from the list and click **Start**.

When you are done working with custom slides shows, click **Close** to save all changes and close the Custom Shows dialog.

Using slide transitions

Slide transitions are the effects that take place when one slide gives way to the next one in the presentation, like *Roll down from top* or *Fly in from left*. They add dynamic flair to a slideshow, smoothing the transition between slides.

You can add transitions while in Slide Sorter view or in Normal view. To see the effect of a selection, you need to be in Normal view and select the **Automatic preview** checkbox on the Slide Transition page of the Tasks pane.

You can apply a single type of transition to all slides in the presentation or apply a different transition to any single slide, even having a different transition for every slide in the show. While using many different transitions may be fun to do, it may not give your show a professional appearance.

Tip

If you want most of the slides to have the same transition, but a few to be different, you may find it easiest to apply one transition to all slides and then change only the ones you want to be different.

Setting the timing of automatic slide changes

You can set up a slide show to run automatically, either unattended or while you speak. To set the default time for slides to be displayed before changing to the next slide, go to the Slide Transition pane (Figure 156), leave the transition effect set to No Transition, choose **Automatically after** in the *Advance slide* section, set a time, and click the **Apply to All Slides** button.

To vary the times for some slides, choose **Slide Show > Rehearse Timings** from the menu bar, or click the **Rehearse Timings** icon on the Slide Show toolbar. The slide show begins in full-screen mode, and a timer appears in the lower left-hand corner of the screen.

When you want to advance to the next slide, click the timer. To keep the default setting for this slide, click the slide, not the timer. Continue for all slides in your presentation. Impress records the display time for each slide. Save your presentation. When you next look at the time set under Automatically after, you will see that the times have changed to match what you set when rehearsing.

If you want the whole presentation to auto-repeat, open the menu **Slide Show > Slide Show Settings**. Click **Auto** and **OK**.

Applying a slide transition effect

- 1) In the Tasks pane, choose **Slide Transition** (Figure 156).
- 2) In the Slides pane or Slide Sorter view, select the slides to which you want to apply the transition. If you want the transition to apply to all slides, you do not need to select them first.
- 3) In the *Apply to selected slides* list, select a transition.
- 4) Modify the selected transition by changing the speed or adding a sound, in the *Modify transition* area.
- 5) If you choose to play a sound, select it in the *Sound* list. The **Loop until next sound** checkbox now becomes active. Select this checkbox to play the sound repeatedly until another sound starts.
- 6) Choose how to advance to the next slide: manually (on mouse click) or automatically. If you choose automatically, you can specify how long the slide remains visible before it automatically advances to the next slide.
- 7) If you want the effect you just defined to apply to all slides in the show, click the **Apply to All Slides** button.
- 8) To preview the transition effect, click the **Play** button.
- 9) To start the slide show from the current slide (so you can see all the transitions), click the **Slide Show** button.

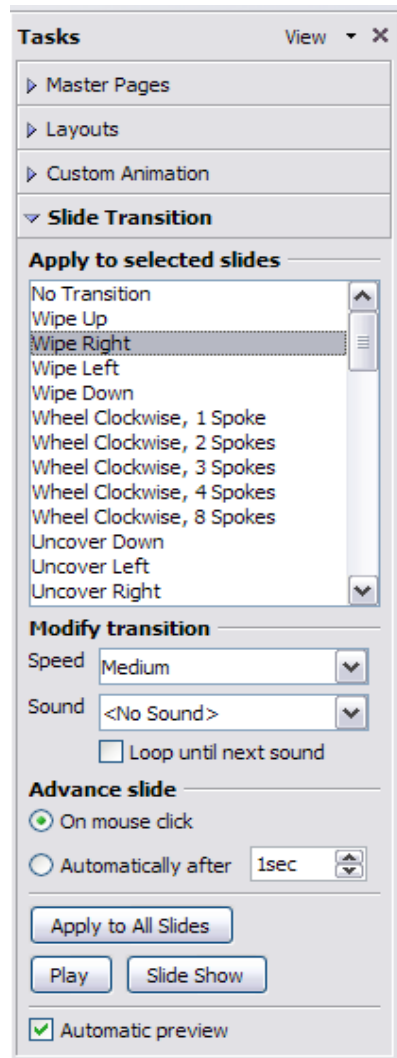


Figure 156: Task pane, showing Slide Transition page

Removing a transition effect

Select the desired slides, then choose **No Transition** in the list on the Slide Transition page of the Tasks pane.

Using slide animation effects

Slide animations are similar to transitions, but they are applied to individual elements on a single slide—a title, chart, image, or individual bullet point. Animations can make a presentation more lively and memorable. Just as with transitions, heavy use of animations can be fun, but distracting and even annoying for an audience expecting a professional presentation.

Animation effects need to be applied from Normal View so that you can select individual objects on a single slide.

Applying an animation effect

- 1) In Normal View, display the desired slide. Select the object you want to animate.
- 2) In the Tasks pane, choose **Custom Animation** (Figure 157).
- 3) Click **Add**. The Custom Animation dialog (Figure 158) appears. Choose an effect from one of the pages of this dialog, and choose the speed or duration of that effect. See the example on page 179 for some hints on how to combine multiple effects.
 - To choose the starting animation for the object, for example *Fly In* or *Dissolve In*, use the *Entrance* page.
 - To choose an effect such as a different font color or blinking text, use the *Emphasis* page.
 - To choose the effect when leaving this object, use the *Exit* page.
 - To choose the direct of movement of an animation, use the *Motion Paths* page.
- 4) Click **OK** to save the effect and return to the Custom Animation page on the Task pane. Here you can choose how to start the animation, change the speed, and some additional properties of the selected effect.

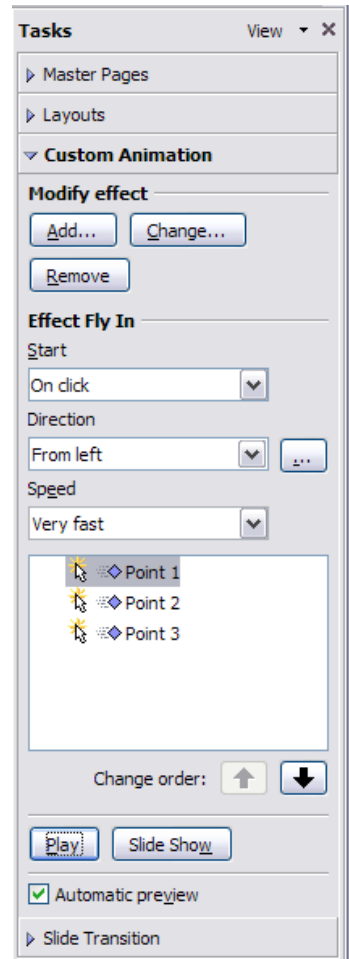


Figure 157: Task pane, showing Custom Animation page

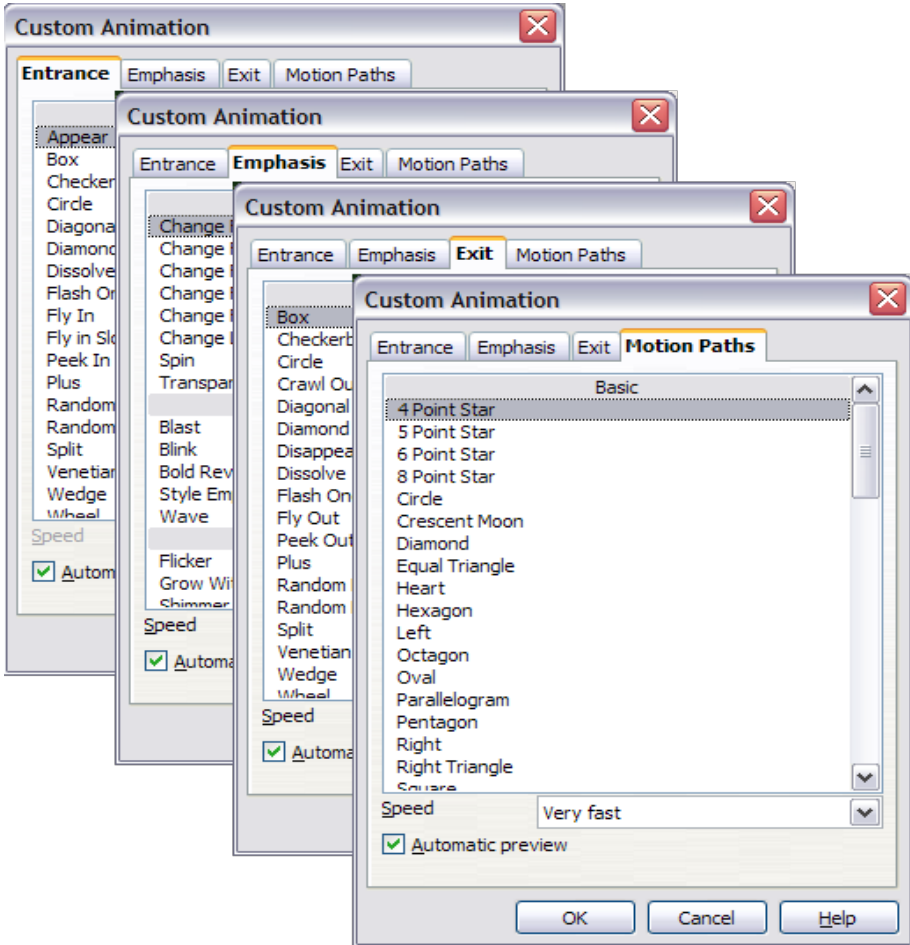


Figure 158: Custom Animation dialog. Choices may vary depending on the selected object; for example, pictures and text have different Emphasis choices.

Starting an animation effect

You have three choices for starting an animation effect:

- On click*—the animation stops at this effect until the next mouse click.
- With previous*—the animation runs at the same time as the previous animation.
- After previous*—the animation runs as soon as the previous animation ends.

Choosing additional properties of an animation effect

Many animations have properties that you can set or change. For example, if you chose the Change Font Color effect on the *Emphasis* page, you can specify the font color. If you chose Fly In on the *Entrance* page, you can specify the direction from which the object flies in.

The label on the properties box changes depending on the choices available for each effect. For example, a Fly In effect has a box labelled *Direction* and a Change Font Color effect has a box labelled *Font color*.

Example: Using multiple animation effects

To illustrate how you can set up multiple effects, let's look at a common animation: list items fly in one at a time from the bottom of the slide, and as each new item appears, the previous items change to a different color. Here is how to create these effects.

Step 1. Apply the “fly in” effect to individual list items.

- 1) Display the *Custom Animation* page of the Task pane.
- 2) Create a slide with several items in a bullet list. Our example slide (Figure 159) has four.

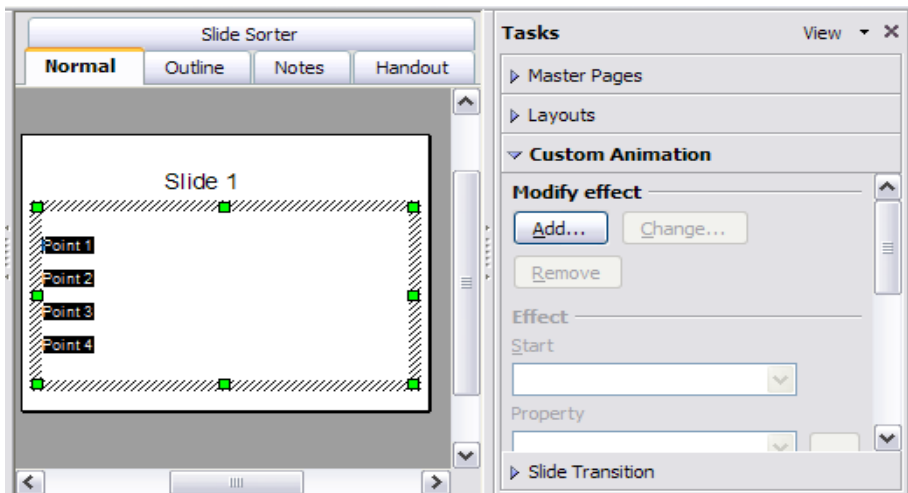


Figure 159: Example slide for multiple animations

- 3) Select all four items. Click **Add** on the Custom Animation pane.
- 4) On the *Entrance* page of the Custom Animation dialog (Figure 160), select **Fly In**, optionally change the Speed to **Medium**, and click **OK**.
- 5) The four effects you have just set up are listed in the animations list on the *Custom Animation* page, as shown in Figure 161.

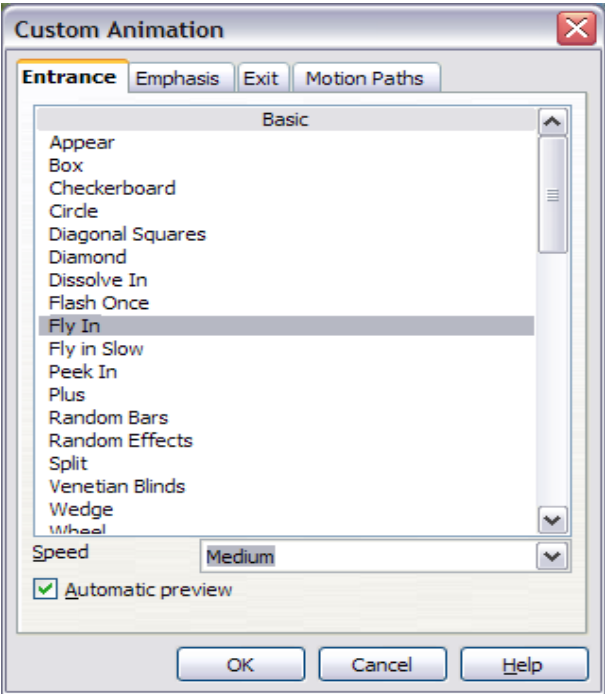


Figure 160: Choosing an entrance effect

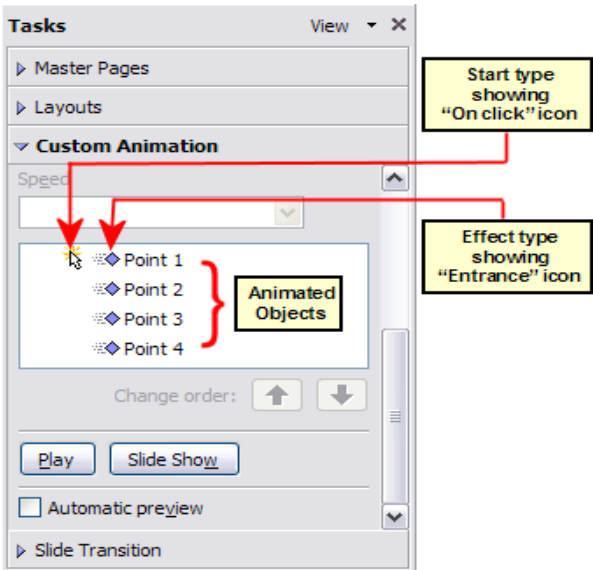


Figure 161: Animation list, showing four items

Step 2. Apply the “change font color” effect to some list items.

Now we want to set each of the first three list items to change color when the following item appears on the slide. To do this:

- 1) Select the first three items on the slide (not the animations list) and click **Add** in the Custom Animation pane. This time we go to the *Emphasis* page of the Custom Animation dialog and choose **Change Font Color**, as shown in Figure 162. Click **OK** to save this effect.

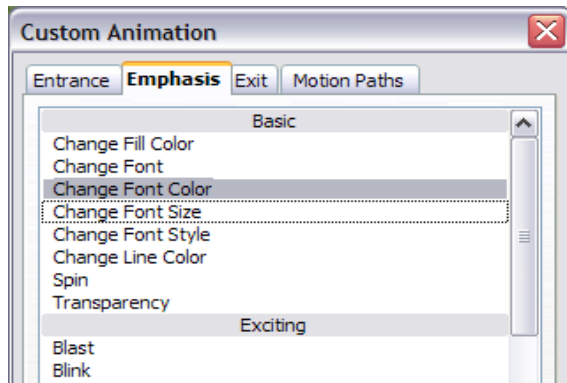


Figure 162: Choosing an emphasis effect

- 2) Notice that the three new animations are listed at the bottom of the animations list, and the “type of effect” icon for these three effects (in the second column) is different from the icon for the first four effects (see Figure 163).

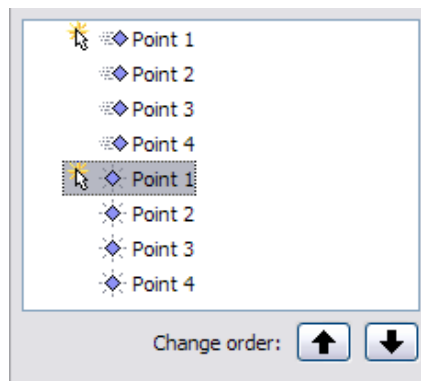


Figure 163: Animation list after adding a second set of animations

- 3) You could, if you wish, select any of the last three items and choose a different color from the *Font color* list on the Custom Animation pane.

- 4) Use the **Change order:** up-arrow button to move each of the last three items up the list to just under the other item with the same name. The animation list will now look like Figure 164.

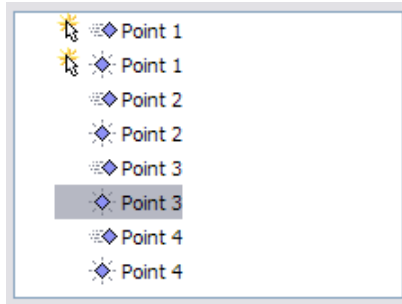


Figure 164: Animation list after moving items into required sequence

Step 3. Change the timing for some list items from With previous to On click

Notice that all of the items on the animations list (except for the two “Point one” items) are set to start at the same time as the previous item. However, we want the second “Point two” animation and the second “Point three” animation to also occur On click.

- 1) Select these items, and then choose **On click** from the *Start* list. The animation list now looks like Figure 165.
- 2) Save the file.
- 3) Test this set of animations by clicking the **Slide Show** button.

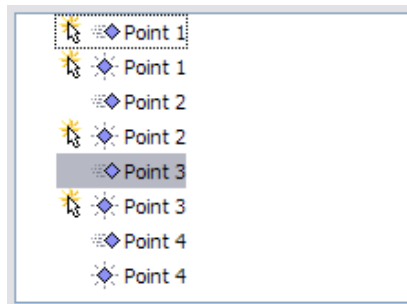


Figure 165: Final list of animations

Advanced animation effects

Click the Effect Options button [...] next to the properties drop-down list to display the Effect Options dialog.

Note What you see on the Effect Options dialog depends on the selected animation object. For example, the dialog has three pages for text objects but only two pages for picture objects (the *Text Animation* page does not appear). The Settings section on the Effect page also varies. Figure 166 shows the *Effect* page for a Direction effect, and Figure 167 shows the Settings section for a Font Color effect. For picture objects, the Text animation box on the *Effect* page is unavailable.

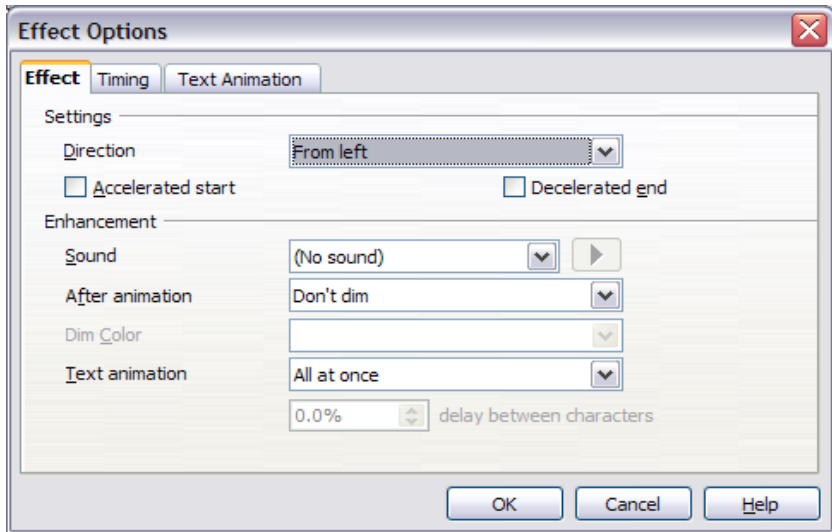


Figure 166: Effect option settings for a direction effect

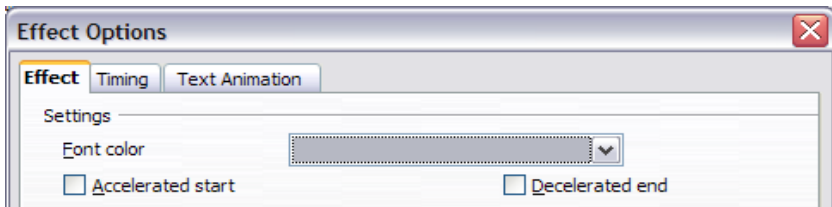


Figure 167: Effect option settings for a font color effect

On the *Effect* page of the Effect Options dialog (Figure 166) you can choose a sound to play, whether to dim or hide the object after animation, and (in the case of text objects) whether to animate the text all at once or word-by-word or letter-by-letter.

On the *Text Animation* page of the Effect Options dialog (Figure 168), you can group text in other ways: as one object, all paragraphs at once, or by first-level paragraphs (that is, one list item together with its sub-items, if any).

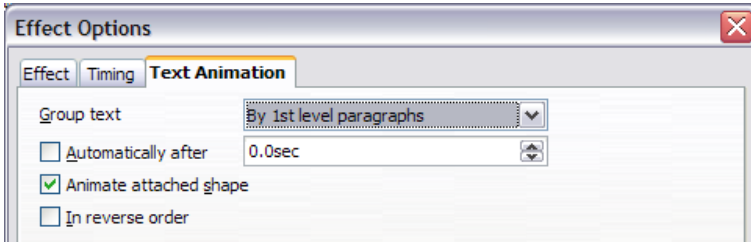


Figure 168: Text Animation effect options

The choices on the *Timing* page of the Effect Options dialog, shown in Figure 169, should be self-explanatory.

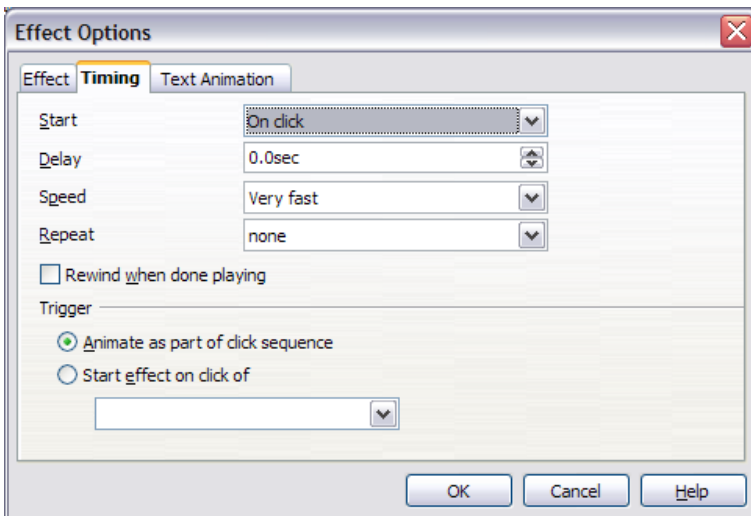


Figure 169: Timing page of Effect Options dialog

Removing animation effects

- 1) On the *Custom Animation* page of the Task pane, select the desired object.
- 2) Click the **Remove** button.

Using interactions

Interactions are things that happen when you click on an object in a slide. They are typically used with buttons or images, but text objects can also have interactions. Possible interactions include: go to previous slide, go to next slide, go to first slide, go to last slide, go to page or object (that is, a specific slide or named object in a slide), go to document, play sound, or run a macro.

To apply an interaction to an object (or change an interaction applied to an object), right-click on the object and choose **Interaction** from the pop-up menu. The Interaction dialog (Figure 170) appears. Select an interaction from the **Action at mouse click** drop-down list.

With some interactions, after you select one, the dialog changes to offer more choices. For example, Figure 171 shows the Interaction dialog after choosing Go to page or object (Figure 166).

Tip A sound interaction can be also applied using the Effect Options dialog (Figure 166).

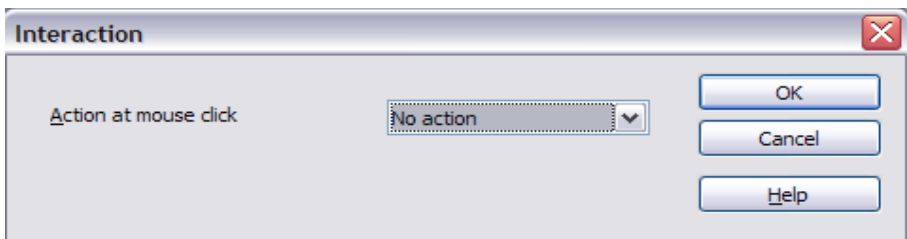


Figure 170: Interaction dialog before choosing an interaction

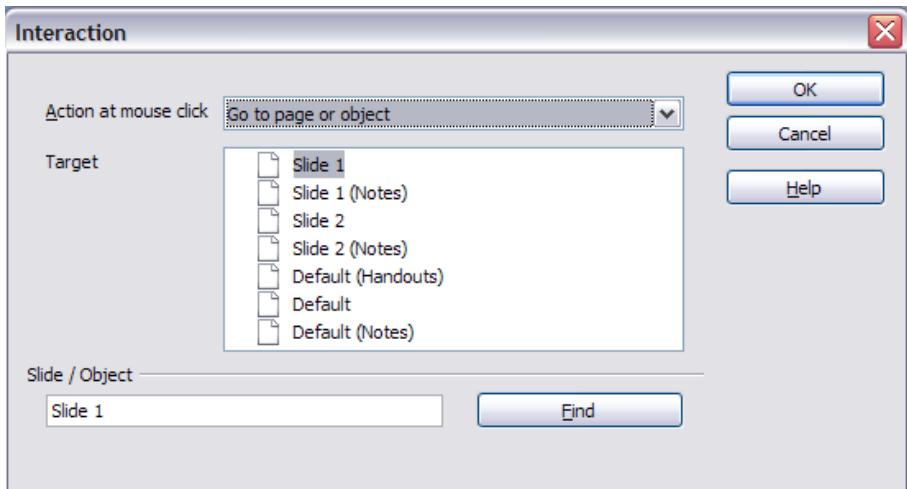


Figure 171: Interaction dialog after choosing the “Go to page or object” interaction, showing choices for the target slide or object

C




Chapter 10

Printing, e-mailing, exporting, and saving slide shows

General information about printing documents from OOo is provided in the *Getting Started* guide. This chapter describes some items of particular interest to users of Impress.

Quick printing

Click the **Print File Directly** icon  to send the entire document to the default printer defined for your computer.

Controlling printing

Impress provides many options for printing a presentation: with multiple slides on one page, with a single slide per page, with notes, as an outline, with date and time, with page name, and more.

For more control over printing a presentation, choose **File > Print** to display the Print dialog (Figure 172).

On the Print dialog, you can choose:

- Which printer to use (if more than one are installed on your system) and the properties of the printer—for example, orientation (portrait or landscape), which paper tray to use, and what paper size to print on. The properties available depend on the selected printer; consult the printer's documentation for details.
- What slides to print, how many copies to print, and in what order to print them.

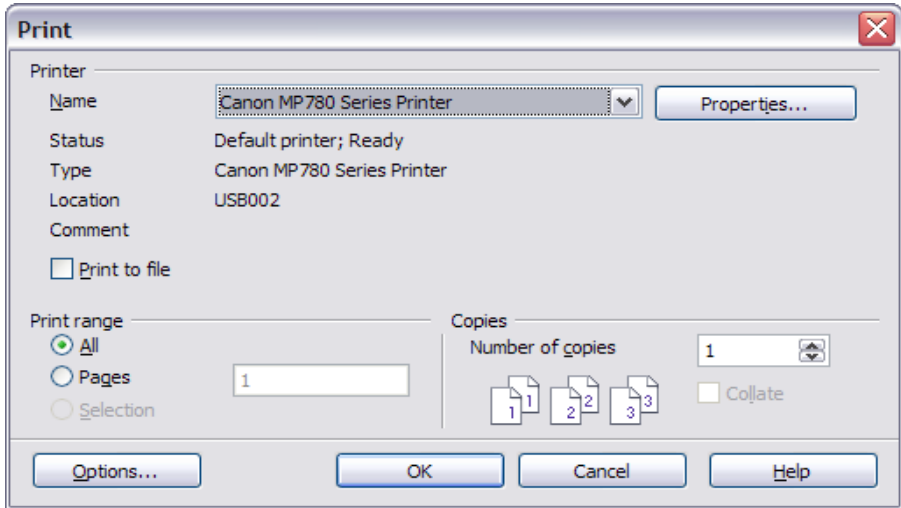


Figure 172. The Print dialog

- *Pages* prints the slide numbers you list in the box. Use hyphens to indicate ranges and commas or semicolons to separate ranges; for example: 1, 5, 11-14, 34-40.
- *Selection* prints selected objects. This choice is available only when you have selected one or more objects on a slide (in Normal view).
- What items to print. Click the **Options** button to display the Printer Options dialog (Figure 173).

Selecting printer options for a presentation

Selections on the Printer Options dialog (Figure 173) apply to this printing of this presentation only. To specify default printing options for Impress, see “Selecting default print options” on page 189.

Some items of interest on the Printer Options dialog include:

Under *Contents*:

- *Drawing* prints one slide per page, full page, in landscape.
- *Notes* prints a single slide per page with any notes entered for that slide in *Notes View*.
- *Handouts* prints the slides in reduced size on the page, from a single slide up to six slides per page. To choose how many slides print on each page, first switch to Handout view, then choose **Format > Modify Layout**. Click the thumbnail image showing how many slide per page you want to print, then click **OK**. Now follow the print instructions above and choose *Handouts*.
- *Outline* prints the title and headings of each slide in outline format.

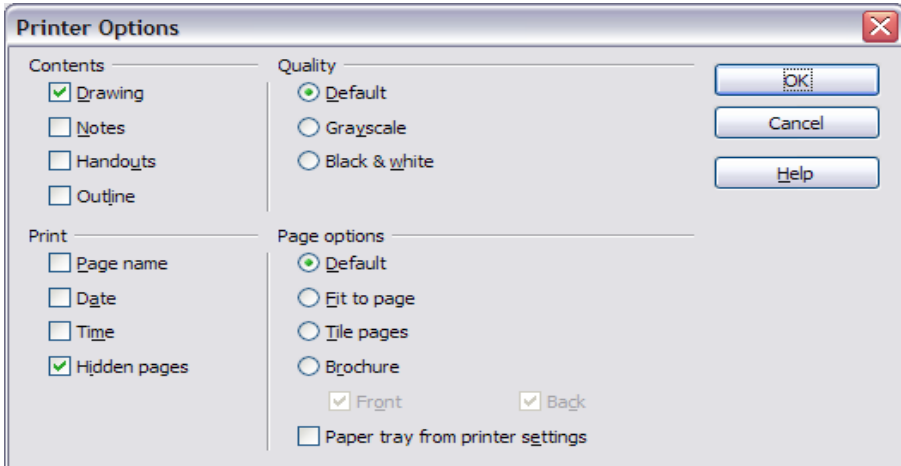


Figure 173: Selecting printer options for a presentation

Under *Quality*:

- *Default* prints the presentation in color on a color printer or in grayscale on a mono printer, including all background colors and images. If you have used a dark background (which looks good when projected), the slides may not be very readable when printed, especially on handouts with small images.
- *Grayscale* prints in black, white and grayscale on both color and mono printers, and does not print background colors or images.
- *Black & white* prints in black, white and grayscale and does not print background colors or images.

Under *Print*, you can choose additional elements to be printed in the page margin. If you marked **Brochure** in the *Page options* area, the only available selection in this area is *Hidden pages*.

- *Page name* includes the name of the slide. Not available with brochure printing.
- *Date* prints the current date at time of printing. Not available with brochure printing.
- *Time* prints the current time. Not available with brochure printing.
- *Hidden pages* prints the slides that are marked as hidden in the presentation.

Under *Page options*:

- *Default* prints the slides full size.
- *Fit to page* scales down slides so they fit on the paper in the printer.
- *Tile pages* prints several slides on a page, if the slides are smaller than the paper.

- *Brochure* is discussed in “Printing a brochure” on page 190.
- *Paper tray from printer settings* specifies that the paper tray to be used is the one defined in the printer setup.

Selecting default print options

Selections on the Printer Options dialog over-ride any default settings. To specify default settings for printing, use **Tools > Options > OpenOffice.org Impress > Print**. The page displayed contains the same choices as the Printer Options dialog.

Other printer settings are found in **Tools > Options > OpenOffice.org > Print**, as shown in Figure 174. Use this page to specify quality settings for printing, and whether to have OOo warn you if the paper size or orientation of your document does not match the printer settings.

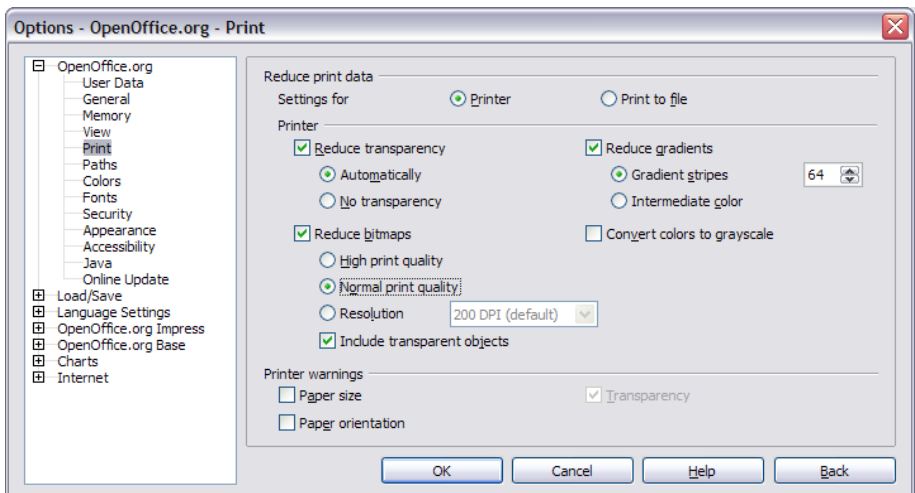


Figure 174. Print options for OpenOffice.org

Printing in black and white on a color printer

You may wish to print documents in black and white on a color printer, to save expensive color ink or toner or to make handouts of slides with dark backgrounds easier to read. Several choices are available.

To print the current document in black and white or grayscale:

- 1) Click **File > Print** to open the Print dialog (Figure 172).
- 2) Click **Properties** to open the properties dialog for the printer. The available choices vary from one printer to another, but you should find an option for Color. See your printer’s help or user manual for more information.

- 3) The choices for color may include *black and white* or *grayscale*. Choose one of these. Grayscale is best if you have any graphics in the document. Click **OK** to confirm your choice and return to the Print dialog, then click **OK** again to print the document.

To set up OOO to print all color text and graphics as grayscale:

- 1) Click **Tools > Options > OpenOffice.org > Print** to display the dialog shown in Figure 174.
- 2) Select the **Convert colors to grayscale** checkbox. Click **OK** to save the change.

To set up Impress to print all color text as black, and all graphics as grayscale:

- 3) Click **Tools > Options > OpenOffice.org Writer > Print**.
- 4) Under *Quality*, select the **Grayscale** or **Black & white** checkbox. Click **OK** to save the change.

Printing a brochure

You can print a presentation with two slides on each side of a sheet of paper, arranged so that when the printed pages are folded in half, the slides are in the correct order to form a booklet or brochure.


To print a brochure on a single-sided printer:

- 1) Click **File > Print**. In the Print dialog (Figure 172), click **Properties** and be sure the printer is set to the same orientation (portrait or landscape) as specified in the page setup for your document. (Usually the orientation does not matter, but it does for brochures.)
- 2) Click **Options**. In the *Pages* section of the Printer Options dialog (Figure 173), choose **Brochure** and **Right pages**. Click **OK** twice to print the first side of each page.
- 3) Flip the pages and put them back into the printer, new side up, and in the correct orientation. You may need to experiment a bit to find out what the correct arrangement is for your printer.
- 4) Click **File > Print** and check **Properties** to make sure the printer setup is still correct.
- 5) Click **Options** again. In the *Pages* section of the Printer Options dialog, choose **Brochure** and **Left page**. Click **OK** twice to print the second side of each page.
- 6) If your printer can do double-sided printing, then click on the checkboxes for both **Left** and **Right** along with **Brochure**.

Exporting to PDF

OpenOffice.org Impress can export presentations to PDF (Portable Document Format). This industry-standard file format for file viewing is ideal for sending the file to someone else to view using Adobe Reader or other PDF viewers.

Quick export to PDF

Click the **Export Directly as PDF** icon  to export the entire presentation using the default PDF settings. You are asked to enter the file name and location for the PDF file, but you do not get a chance to choose a page range or the print quality.

Controlling PDF content and quality

For more control over the content and quality of the resulting PDF, use **File > Export as PDF**. You are asked to enter the location and file name of the PDF to be created, and then the PDF Options dialog opens. This dialog has four pages, described in this section. Make your selections, and then click Export.

General page of PDF Options dialog

On the General page (Figure 175), you can choose which pages to include in the PDF, the type of compression to use for images (which affects the quality of images in the PDF), and other options.

Range section

All: Exports the entire document.

Pages: To export a range of slides, use the format **3-6** (pages 3 to 6). To export single slides, use the format **7;9;11** (slides 7, 9, and 11). You can also export a combination of slide ranges and single slides, by using a format like **3-6;8;10;12**.

Selection: Exports whatever material is selected.

Images section

Lossless compression: Images are stored without any loss of quality. Tends to make large files when used with photographs. Recommended for other images.

JPEG compression: Allows for varying degrees of quality. A setting of 90% tends to work well with photographs (small file size, little perceptible loss).

Reduce image resolution: Lower-DPI (dots per inch) images have lower quality.

Note EPS images with embedded previews are exported only as previews. EPS images without embedded previews are exported as empty placeholders.

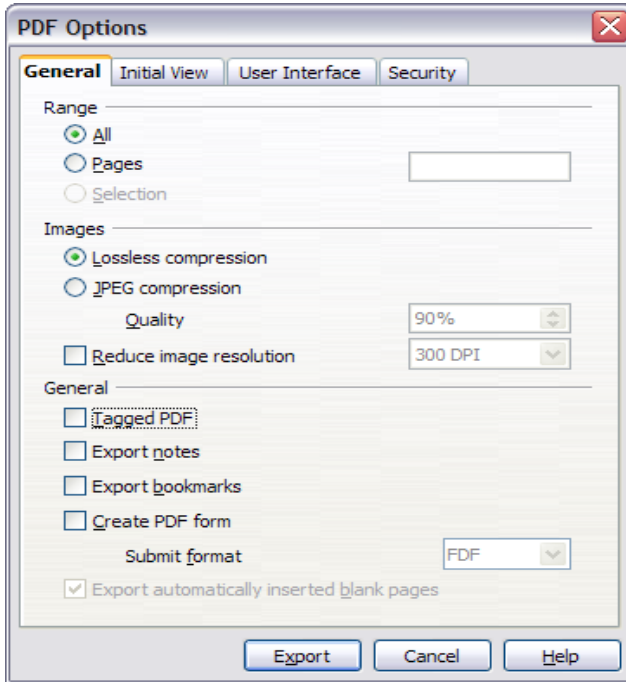


Figure 175: General page of PDF Options dialog

General section

Tagged PDF: Includes special tags into the corresponding PDF tags. Some tags that are exported are table of contents, hyperlinks, and controls. This option can increase file sizes significantly.

Export notes: Exports notes in Writer and Calc documents as PDF notes. You may not want this!

Export bookmarks: Exports headings as “bookmarks” (a table of contents list displayed by some PDF readers, including Adobe Reader).

Create PDF form - Submit format: Choose the format of submitting forms from within the PDF file. This setting overrides the control’s URL property that you set in the document. There is only one common setting valid for the whole PDF document: PDF (sends the whole document), FDF (sends the control contents), HTML, and XML. Most often you will choose the PDF format.

Export automatically inserted blank pages: Not used in Impress.

Initial View page of PDF Options dialog

On the Initial View page (Figure 176), you can choose how the PDF opens by default in a PDF viewer. The selections should be self-explanatory.

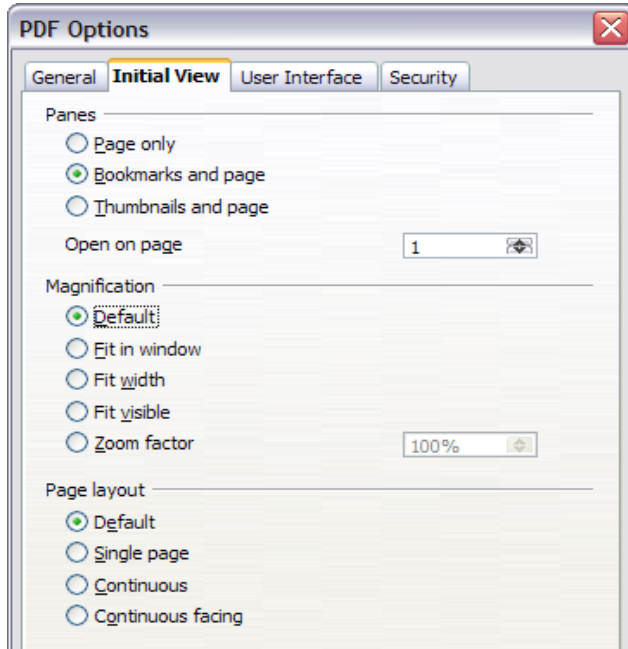


Figure 176: Initial View page of PDF Options dialog

User Interface page of PDF Options dialog

On the User Interface page (Figure 177), you can choose more settings to control how a PDF viewer displays the file. Some of these choices are particularly useful when you are creating a PDF to be used as a presentation or a kiosk-type display.

Window options section

Resize window to initial page. Causes the PDF viewer window to resize to fit the first page of the PDF.

Center window on screen. Causes the PDF viewer window to be centered on the computer screen.

Open in full screen mode. Causes the PDF viewer to open full-screen instead of in a smaller window.

Display document title. Causes the PDF viewer to display the document's title in the title bar.

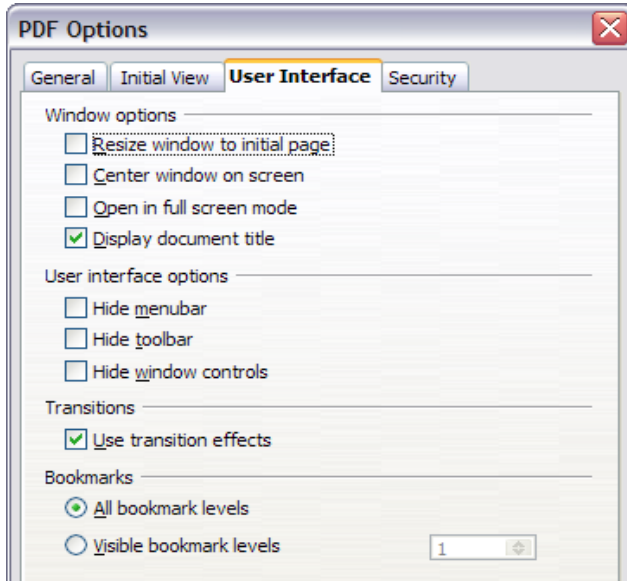


Figure 177: User Interface page of PDF Options dialog

User interface options section

Hide menubar. Causes the PDF viewer to hide the menu bar.

Hide toolbar. Causes the PDF viewer to hide the toolbar.

Hide window controls. Causes the PDF viewer to hide other window controls.

Transitions section

Includes Impress slide transition effects in the respective PDF effects.

Bookmarks section

Select how many heading levels are displayed as bookmarks, if *Export bookmarks* is selected on the General page.

Security page of PDF Options dialog

As of OOo 2.0.4, PDF export includes options to encrypt the PDF (so it cannot be opened without a password) and apply some digital rights management (DRM) features.

Note Permission settings are effective only if the user's PDF viewer respects the settings.

With an *open password* set, the PDF can only be opened with the password. Once opened, there are no restrictions on what the user can do with the document (for example, print, copy, or change it).

With a *permissions password* set, the PDF can be opened by anyone, but its permissions can be restricted. See Figure 178.

With *both* the open password and permission password set, the PDF can only be opened with the correct password, and its permissions can be restricted.

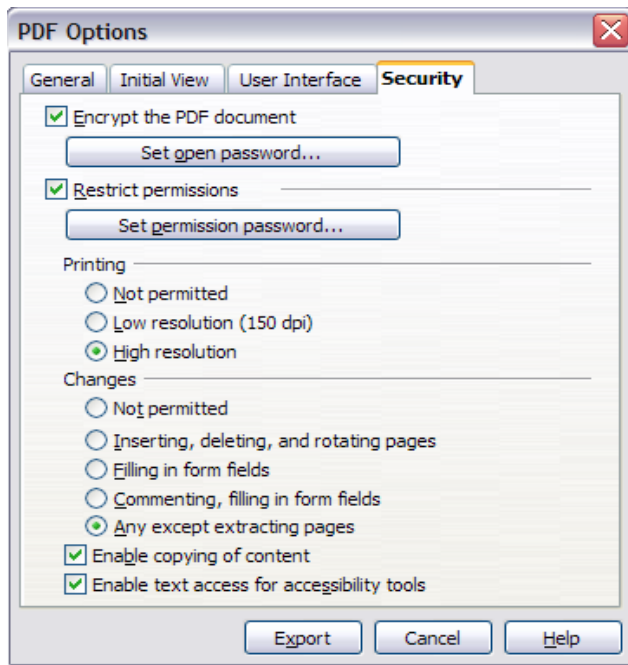


Figure 178: Security page of PDF Options dialog

Figure 179 shows the pop-up dialog displayed when you click the **Set open password** button on the Security page of the PDF Options dialog.

After you set a password for permissions, the other choices on the Security page (shown in Figure 178) become available. These selections should be self-explanatory.

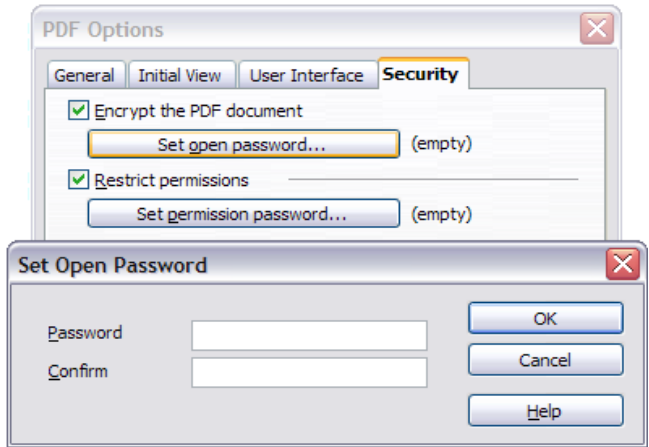


Figure 179: Setting a password to encrypt a PDF

Exporting as a Flash file

Macromedia Flash file format (.SWF) was created to store animation for web pages. Because almost all browsers play Flash movies (the Adobe Flash Player is available as a free download for those without Flash-capable browsers), these files can be viewed by just about anyone. With OpenOffice.org, you can export your Impress slide show as a .SWF file. To download the latest Adobe Flash Player for your operating system, go to: <http://www.adobe.com/products/flashplayer/>

Note Saving in Flash format does not retain animation and slide transitions.

To export the presentation as a Flash (.SWF) file:

- 1) Choose **File > Export**.
- 2) Select the location where you want the file saved and type a name for the file.
- 3) Under **File Format**, choose **Macromedia Flash (SWF) (.swf)** and click **Save**.

Exporting as web pages (HTML files)

You can export presentations as a series of web pages that can be viewed in any browser.

Note Saving as web pages (HTML format) does not retain animation and slide transitions.

- 1) Select **File > Export** and choose **HTML Document** as the file type.
- 2) Create a folder for the files, supply a name for the resulting HTML file, and click **Save**. The HTML Export Wizard opens.

Note Depending on the size of your presentation and the number of graphics it contains, the HTML export function creates many HTML, JPG, and GIF files. If you simply save to your desktop (not in a specific folder), these separate HTML and graphics files will be all over your desktop. So be sure to create a folder to hold all the files.

- 3) Choose the design for all of the pages, either from an existing design or by creating a new one.

If you have not previously saved a design, the *Existing Design* choice is not available.

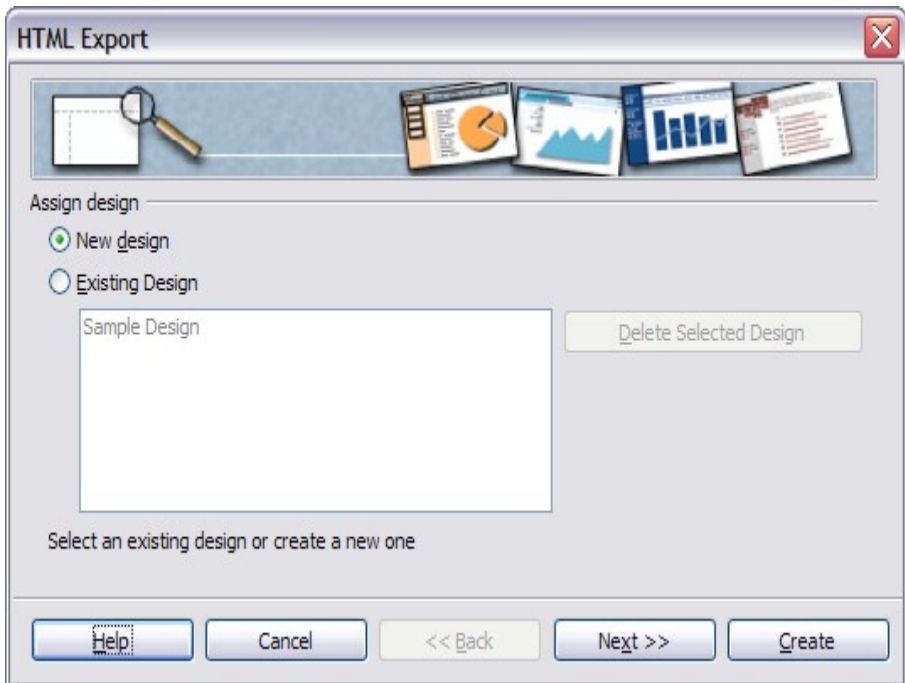


Figure 180: HTML Export Step - 1

- 4) Click **Next** to select the type of web pages to create.
 - *Standard HTML*: one page for each slide, with navigation links to move from slide to slide.

- *Standard HTML with frames*: one page with a navigation bar on the left-hand side; uses slide title as navigation links. Click on links to display pages in right-hand side.
- *Automatic*: one page for each slide, with each page set with the Refresh meta tag so a browser automatically cycles from one page to the next.
- *WebCast*: generates an ASP or Perl application to display the slides. Unfortunately OOo has no direct support for PHP as yet.

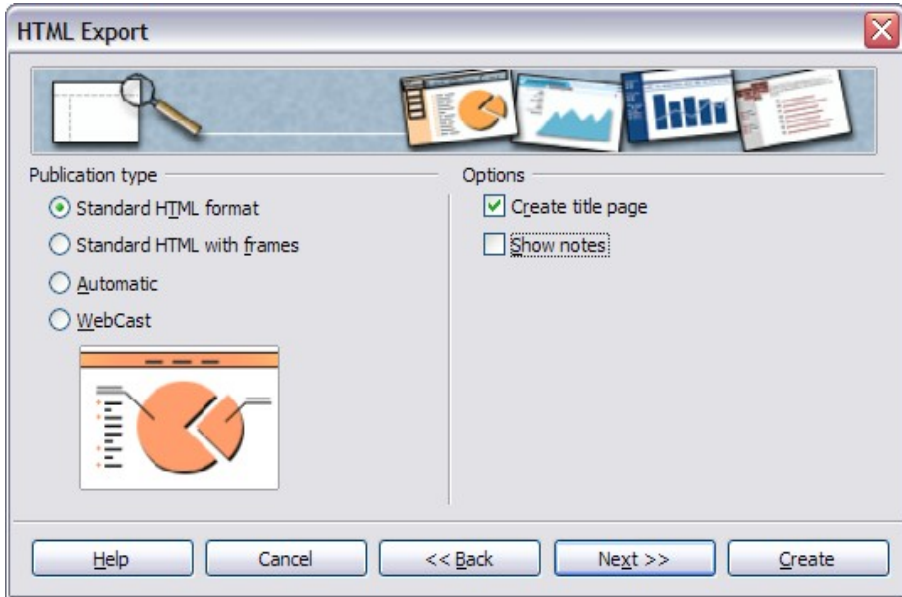


Figure 181: HTML Export – Choosing publication type

- 5) Decide how the images will be saved (GIF or JPG) and what resolution to use. When choosing a resolution, consider what the majority of your viewers might have. If you use a high resolution, then a viewer with a medium-resolution monitor will have to scroll sideways to see the entire slide—probably not desirable.

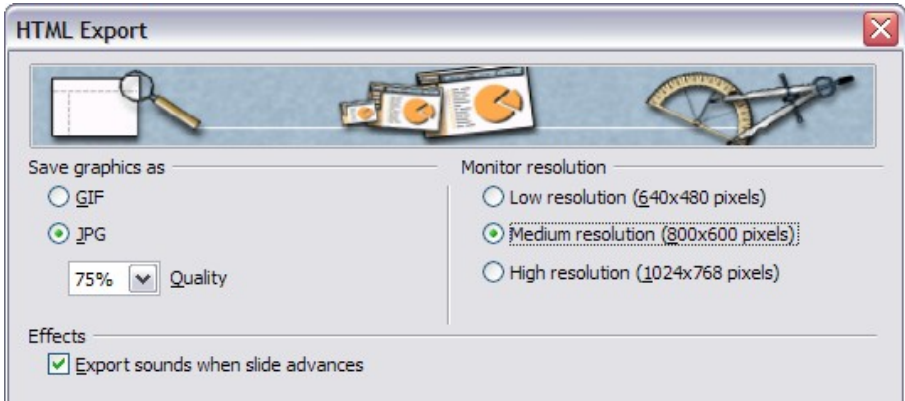


Figure 182: HTML Export – Choosing graphics type

- 6) If *Create title page* was chosen in step 4, supply the information for it on the next page. The title contains an author name, e-mail address and home page, along with any additional information you want to include.

This page of the Wizard does not display if *Create title page* was not chosen.

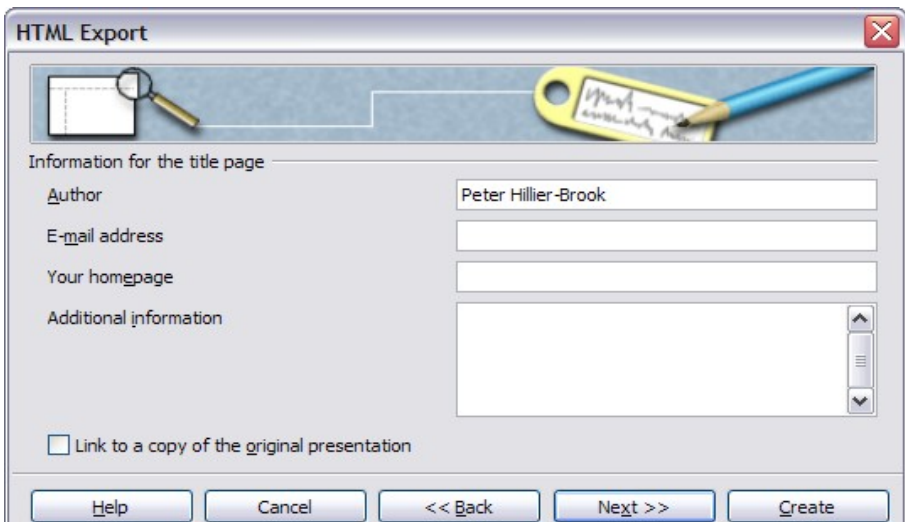


Figure 183: HTML Export – Title page information

- 7) Choose the navigation button style to use to move from one page to another. If you do not choose any, OOO will create a text navigator.

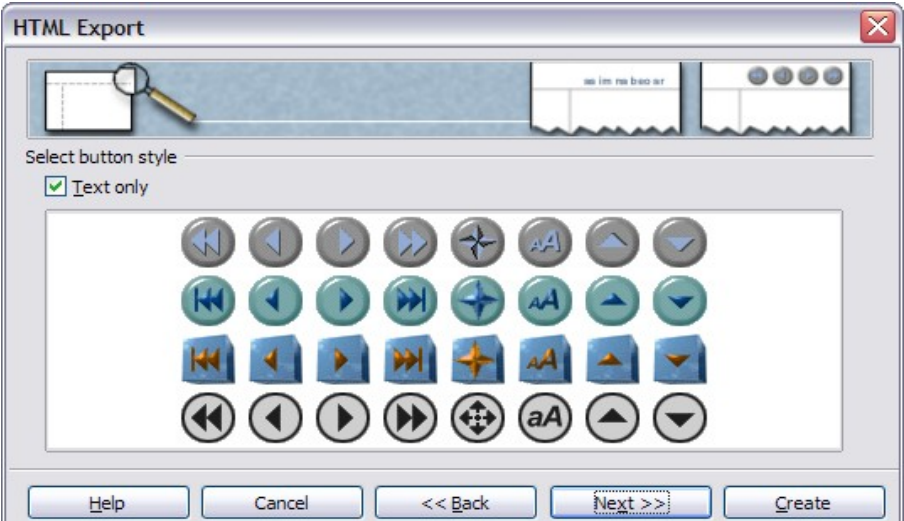


Figure 184: HTML Export – Choosing navigation style

- 8) Select the color scheme for the web pages. Available schemes include the document’s existing scheme, one based upon browser colors, and a completely user-defined scheme. You can save a new scheme so that it will appear on the first page of the HTML export wizard.

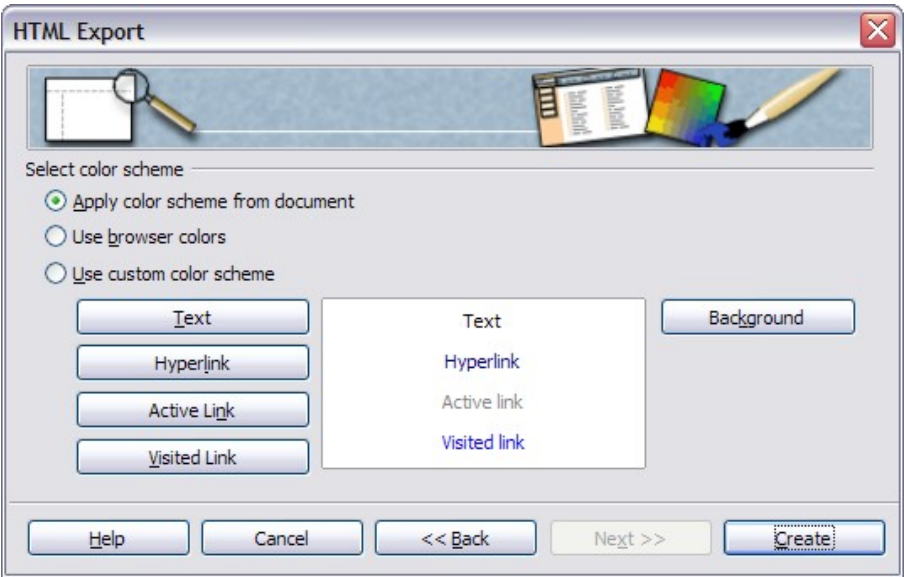


Figure 185: HTML Export – Choosing color scheme

- 9) Click **Create** to generate the HTML files. If this is a new design, a small dialog pops up. If you might want to reuse this design, you can give it a name and save it. Otherwise, click **Do Not Save**.

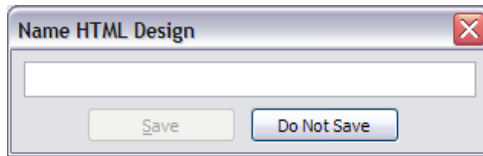


Figure 186: Naming the design

E-mailing a presentation

OOo provides several ways to quickly and easily send a Writer document as an e-mail attachment in one of three formats: .ODP (OpenDocument Presentation, OOo's default format), .PPT (Microsoft PowerPoint format), or PDF.

To send the current document in .ODP format:

- 1) Choose **File > Send > Document as E-mail**. OpenOffice.org opens a new e-mail in your default e-mail program. The document is attached.
- 2) In your e-mail program, enter the recipient, subject and any text you want to add, then send the e-mail.

File > Send > E-mail as OpenDocument Presentation has the same effect.

If you choose **E-mail as Microsoft PowerPoint**, OOo first creates a .PPT file and then opens your e-mail program with the .PPT file attached. The .PPT file is not saved on your computer.

Similarly, if you choose **E-mail as PDF**, OOo first creates a PDF using your default PDF settings (as when using the **Export Directly as PDF** toolbar button) and then opens your e-mail program with the .PDF file attached. The PDF file is not saved on your computer.

Tip If you want to keep a copy of the .PPT or .PDF file as well as e-mailing it to someone, first save or export the presentation into the required format, then attach it to an e-mail in the usual way.

Digital signing of documents

To sign a document digitally, you need a personal key, the certificate. A personal key is stored on your computer as a combination of a private key, which must be kept secret, and a public key, which you add to your documents when you sign them. You can get a certificate from a certification authority, which may be a private company or a governmental institution.

When you apply a digital signature to a document, a kind of checksum is computed from the document's content plus your personal key. The checksum and your public key are stored together with the document.


When someone later opens the document on any computer with a recent version of OpenOffice.org, the program will compute the checksum again and compare it with the stored checksum. If both are the same, the program will signal that you see the original, unchanged document. In addition, the program can show you the public key information from the certificate. You can compare the public key with the public key that is published on the web site of the certificate authority.

Whenever someone changes something in the document, this change breaks the digital signature.

On Windows operating systems, the Windows features of validating a signature are used. On Solaris and Linux systems, files that are supplied by Thunderbird, Mozilla or Firefox are used. For a more detailed description of how to get and manage a certificate, and signature validation, see "Using Digital Signatures" in the OOo Help.

To sign a document:

- 1) Choose **File > Digital Signatures**.
- 2) If you have not saved the document since the last change, a message appears. Click **Yes** to save the file.
- 3) After saving, you see the Digital Signatures dialog. Click **Add** to add a public key to the document.
- 4) In the Select Certificate dialog, select your certificate and click **OK**.
- 5) You see again the Digital Signatures dialog, where you can add more certificates if you want. Click **OK** to add the public key to the saved file.

A signed document shows an icon  in the status bar. You can double-click the icon to view the certificate.

Opening and saving a PowerPoint file

OpenOffice.org's Impress file format is highly compatible with Microsoft's PowerPoint format. You can open a PowerPoint presentation in Impress, edit it, then save it in its original PowerPoint format or in Impress format. You can also create a new presentation in Impress and save it as a PowerPoint file, for sharing your presentation with those who have yet to discover OpenOffice.org. What you cannot do is open an Impress file in PowerPoint—yet. (Filters are being developed.)

Saving an Impress file as a PowerPoint file

- 1) Choose **File > Save As** from the menu bar.

- 2) Select the location where you want the PowerPoint file saved and type a name for the file.
- 3) Under *File type*, choose **Microsoft PowerPoint 97/2000/XP (.ppt)**.
- 4) Click **Save**. The message shown in Figure 187 will appear. Click **Yes** to confirm that you want to save the file in Microsoft PowerPoint format. You can select the checkbox to not show the message again.

Note Recommendation: always save your work in Impress OpenDocument format (.odp) before saving in Microsoft format. Keep the Impress file as your working copy: if you need to change the presentation, change it in the Impress version and then save it again as PowerPoint. You are much less likely to have problems than if you open a file previously saved in PowerPoint format, edit it, and save it again.

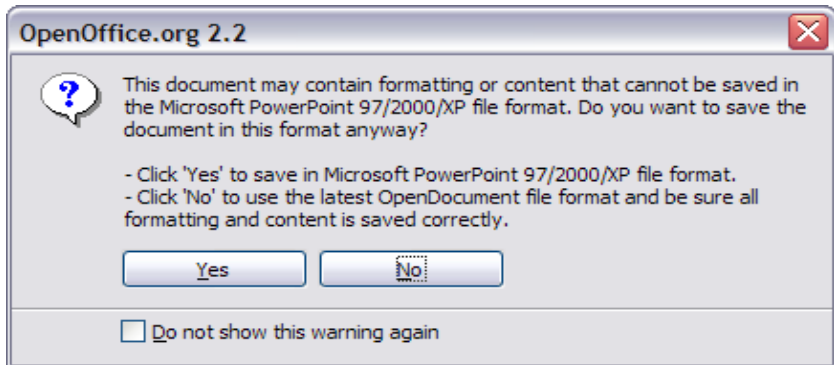


Figure 187: Warning message when saving in Microsoft PowerPoint format

Opening a PowerPoint file in Impress

If you receive a file from someone in PowerPoint format and need to edit it in Impress, here is how to:

- 1) In OpenOffice.org, choose **File > Open** from the menu bar.
- 2) Under *File type*, choose All files (*.*) or Presentations or Microsoft PowerPoint 97/2000/XP from the drop-down list.
- 3) Navigate to the PowerPoint file, select it, and click **Open**.

The PowerPoint file can now be edited and saved as an Impress file or a PowerPoint file. To save the file as an Impress file, choose **OpenDocument Presentation (.odp)** as the **File Type**.



Chapter 11

Setting Up and Customizing Impress

Choosing options that affect all of OOo

This section covers some of the settings that apply to all the components of OpenOffice.org. Other general options are discussed in Chapter 5 (Setting Up OpenOffice.org) in the *Getting Started* guide.

- 1) Click **Tools > Options**. The list on the left-hand side varies depending on which component of OOo is open. The illustrations in this chapter show the list as it appears when OpenOffice.org Impress is open.
- 2) Click the + sign to the left of *OpenOffice.org* on the left-hand side. A list of subsections drops down.

Note The **Back** button has the same effect on all pages of the Options dialog. It resets the options to the values that were in place when you opened OpenOffice.org.

User Data options

Impress uses the first and last name stored in the User Data page to fill in the *Created* and *Modified* fields in the document properties, and the optional *Author* field often used in the footer of a presentation, so you will want to ensure that your name appears there. To do this:

- 1) In the Options dialog, click **OpenOffice.org > User Data**.
- 2) Fill in the form on the *OpenOffice.org – User Data* page or delete any existing incorrect information.

Print options

Set the print options to suit your default printer and your most common printing method. You can change these settings at any time, either through this dialog or during the printing process (by clicking the **Options** button on the Print dialog).

In the Options dialog, click **OpenOffice.org > User Data**.

See Chapter 10 (Printing, e-mailing, exporting, and saving slide shows) for more about the options on this page.

Color options

On the OpenOffice.org – Colors page (Figure 188), you can specify colors to use in OOo documents. You can select a color from a color table, edit an existing color, or define new colors. These colors will then be available in color selection palettes in all components of OOo. You can also define colors within Impress, but those colors will not be available to other components of OOo.

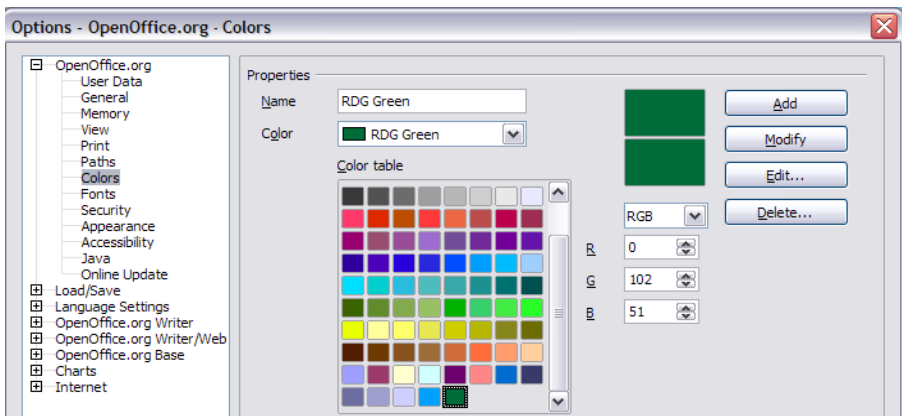


Figure 188. Defining colors to use in color palettes in OOo

Appearance options

On the *OpenOffice.org – Appearance* page (Figure 189), you can specify which items are visible and the colors used to display various items.

- 1) In the Options dialog, click **OpenOffice.org > Appearance**.
- 2) The only choice specific to Impress (and Draw) is the color of the grid points. Scroll down in the page until you find **Drawing / Presentation** (see Figure 189). To change the default color for grid points, click the down-arrow by the color and select a new color from the pop-up box.
- 3) If you wish to save your color changes as a color scheme, click **Save**, type a name in the *Scheme* box; then click **OK**.

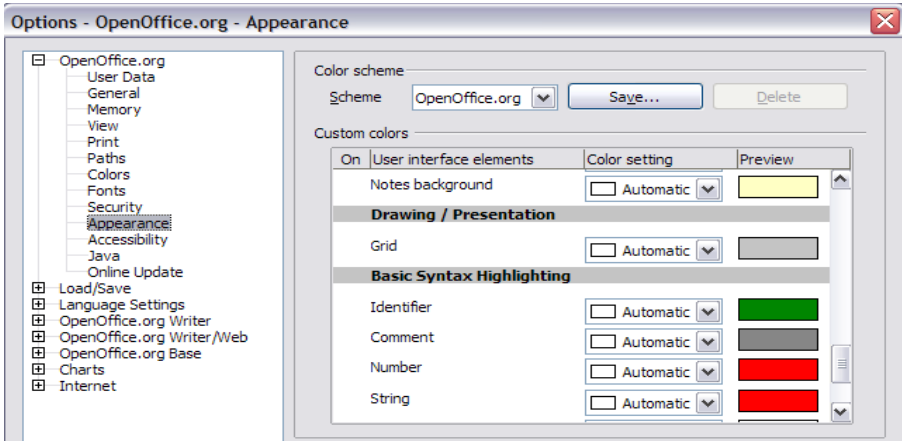


Figure 189. Changing the color of grid points in Impress and Draw

Choosing options for Impress

In the Options dialog, click the + sign to the left of *OpenOffice.org Impress* on the left-hand side. A list of subsections drops down. (See Figure 190.)

General options

In the Options dialog, click **OpenOffice.org > Impress > General**.

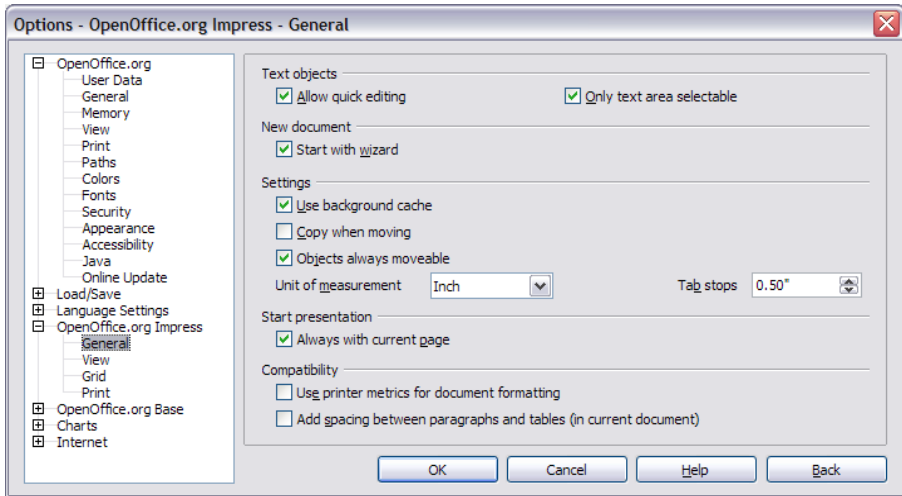



Figure 190: Specifying general options for Impress

Text objects section

Allow quick editing sets Impress to immediately switch to the text editing mode when you click a text object. You can also activate text editing mode through the **Allow**

Quick Editing icon  on the Options toolbar.

Only text area selectable sets Impress to select a text frame when you click on text. In the area of the text frame that is not filled with text, an object behind the text frame can be selected. You can also activate this mode through the **Select Text Area Only**

icon  on the Options toolbar.

New document section

Start with Wizard sets Impress to start with the Presentation Wizard when opening a presentation with **File > New > Presentation**.

Settings section

Use background cache sets Impress to use the cache for displaying objects on the master page. This setting speeds up the display. Unmark this box if you want to display changing contents on the master page.

Copy when moving automatically creates a copy when you move, rotate or resize an object while holding down the *Ctrl* key. The original object will remain in its current position and size.

Objects always moveable lets you move an object with the **Rotate** tool enabled. If this box is not marked, the **Rotate** tool can only be used to rotate an object.

Unit of measurement determines the unit of measurement for presentations.

Tab stops defines the spacing between tab stops.

Start presentation section

Always with current page specifies that a presentation starts with the current slide. Unmark this box to always start a presentation with the first page.

Compatibility section

The settings in this area are valid for the current document only.

Use printer metrics for document formatting applies printer metrics for printing and for formatting the display on the screen. If this box is not checked, a printer-independent layout is used for screen display and printing.

Add spacing between paragraphs in the current document calculates the paragraph spacing in Impress exactly like Microsoft PowerPoint does. Microsoft PowerPoint adds the bottom spacing of a paragraph to the top spacing of the next paragraph to calculate the total spacing between both paragraphs. Impress normally uses only the larger of the two spacings.

View options

In the Options dialog, click **OpenOffice.org > Impress > View**.

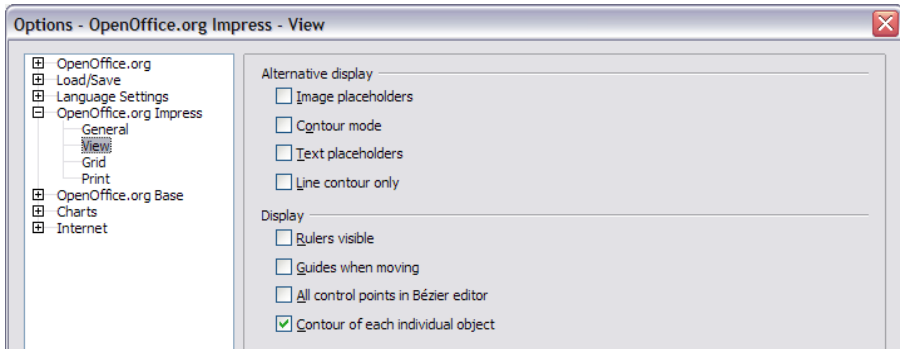


Figure 191: Specifying view options for Impress


Alternative display section

If graphics elements are very complex, the screen display may build up a little slower than usual. Choosing alternative display options prevents some items from displaying on the screen during editing and thus speeds up screen redisplay.

Image placeholders displays only the contour of inserted graphics. You can also use

the **Picture Placeholders** icon  on the Options toolbar.


Contour mode displays only the contour of filled drawings, without the fill. You can

also use the **Contour Mode** icon  on the Options toolbar.

Text placeholders displays a text window without its text contents. You can also use

the **Text placeholders** icon  on the Options toolbar.


Line contour only displays lines and contours as fine lines, ignoring the currently

used line width. You can also use the **Line contour only** icon  on the Options toolbar.

Display section

Rulers visible displays the rulers at the top and the left of the work area.

Guides when moving displays dotted guides that extend beyond the box containing the selected object and which cover the entire work area, helping you position the

object when moving it. You can also use the **Guides when moving** icon  on the Options toolbar.

All control points in Bézier editor displays the control points of all Bézier points if you have previously selected a Bézier curve. If this box is not marked, only the control points of the selected Bézier points will be visible.

Contour of each individual object displays the contour line of each individual object when moving the object. This enables you to see if single objects conflict with other objects in the target position. If you do not mark this box, Impress displays only a square contour that includes all selected objects.

Grid options

The Grid page defines the grid settings for Impress. Using a grid helps you determine the exact position of your objects. You can also set this grid in line with the snap grid.

If you have activated the snap grid but wish to move or create individual objects without snap positions, you can press the *Ctrl* to deactivate the snap grid for as long as needed.

In the Options dialog, click **OpenOffice.org > Impress > Grid**.

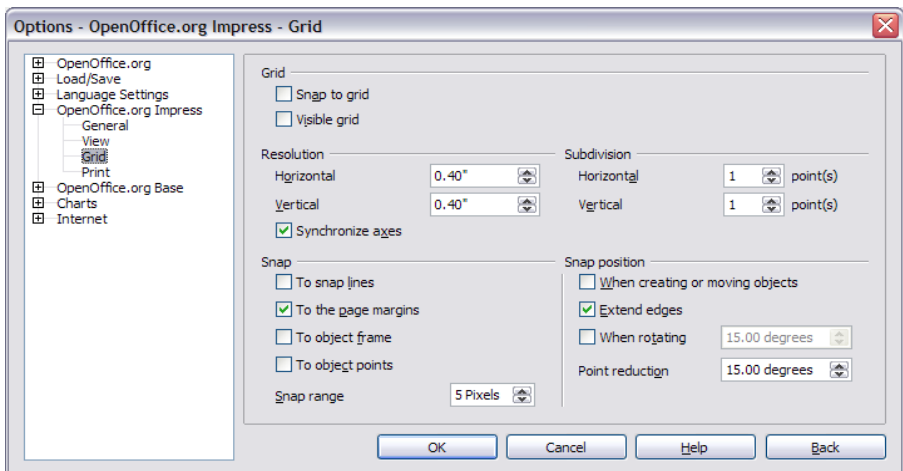


Figure 192: Specifying grid options for Impress

Grid section

Snap to grid activates the “snap” function.


Visible grid displays grid points on the screen. These points will not display or print as part of a presentation.

Resolution section

Here you can set the unit of distance for the spacing between horizontal and vertical grid points and subdivisions (intermediate points) of the grid.


Synchronize axes changes the current grid settings symmetrically.


Snap section

To snap lines snaps the edge of a dragged object to the nearest snap line when you release the mouse button. You can also use the **Snap to Guides** icon  on the Options toolbar.

To the page margins aligns the contour of the graphic object to the nearest page margin. The cursor or a contour line of the graphics object must be in the snap range.

You can also use the **Snap to Page Margins** icon  on the Options toolbar.

To object frame aligns the contour of the graphic object to the border of the nearest graphic object. The cursor or a contour line of the graphics object must be in the snap range. You can also use the **Snap to Object Border** icon  on the Options toolbar.

To object points aligns the contour of the graphic object to the points of the nearest graphic object. The cursor or a contour line of the graphics object must be in the snap range. You can also use the **Snap to Object Points** icon  on the Options toolbar.

Snap range defines the snap distance between the mouse pointer and the object contour. Impress snaps to a snap point if the mouse pointer is nearer than the distance selected in the **Snap range** box.

Snap position section

When creating or moving objects restricts graphic objects vertically, horizontally or diagonally (45°) when creating or moving them. You can temporarily deactivate this setting by pressing the *Shift* key.

Extend edges creates a square based on the longer side of a rectangle when the *Shift* key is pressed before you release the mouse button. This also applies to an ellipse (a circle will be created based on the longest diameter of the ellipse). When the **Extend edges** box is not marked, a square or a circle will be created based on the shorter side or diameter.

When rotating restricts the rotation of graphic objects within the rotation angle that you selected in the **When rotating** box. If you want to rotate an object outside the defined angle, press the *Ctrl* key when rotating. Release the key when the desired rotation angle is reached.

Point reduction defines the angle for point reduction. When working with polygons, you might find it useful to reduce their editing points.

Print options

In the Options dialog, click **OpenOffice.org > Impress > Print**.

See Chapter 10 (Printing, e-mailing, exporting, and saving slide shows) for more about the options on this page.

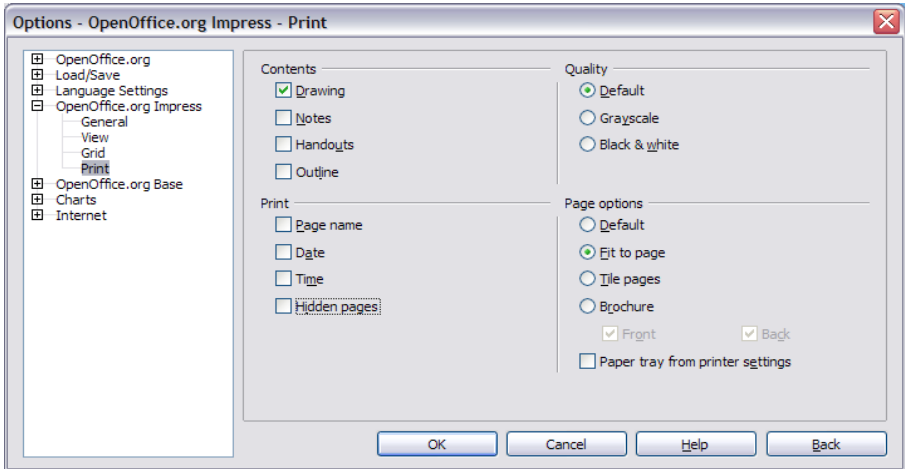


Figure 193: Specifying print options for Impress

Customizing the user interface

Customizing the menu font

If you want to change the menu font from that supplied by OOo to the system font for your operating system, do this:

- 1) Choose **Tools > Options > OpenOffice.org > View**.
- 2) Check **Use system font for user interface** and click **OK**.

Customizing menu content

You can customize menus in OpenOffice.org.

- 1) Choose **Tools > Customize**.
- 2) On the **Customize** dialog, pick the **Menus** tab (Figure 194).
- 3) In the **Save In** drop-down list, choose whether to save this changed menu for Impress or for a selected document.
- 4) In **OpenOffice.org Impress Menus**, select the menu you want to customize in the **Menu** drop-down list.
- 5) You can customize each menu by clicking on the **Menu** or **Modify** buttons.
- 6) You can add commands in a menu by clicking on the **Add** button.
- 7) You can create a new menu by clicking on the **New** button.
- 8) When you are done customizing menus, click **OK** to save your changes.

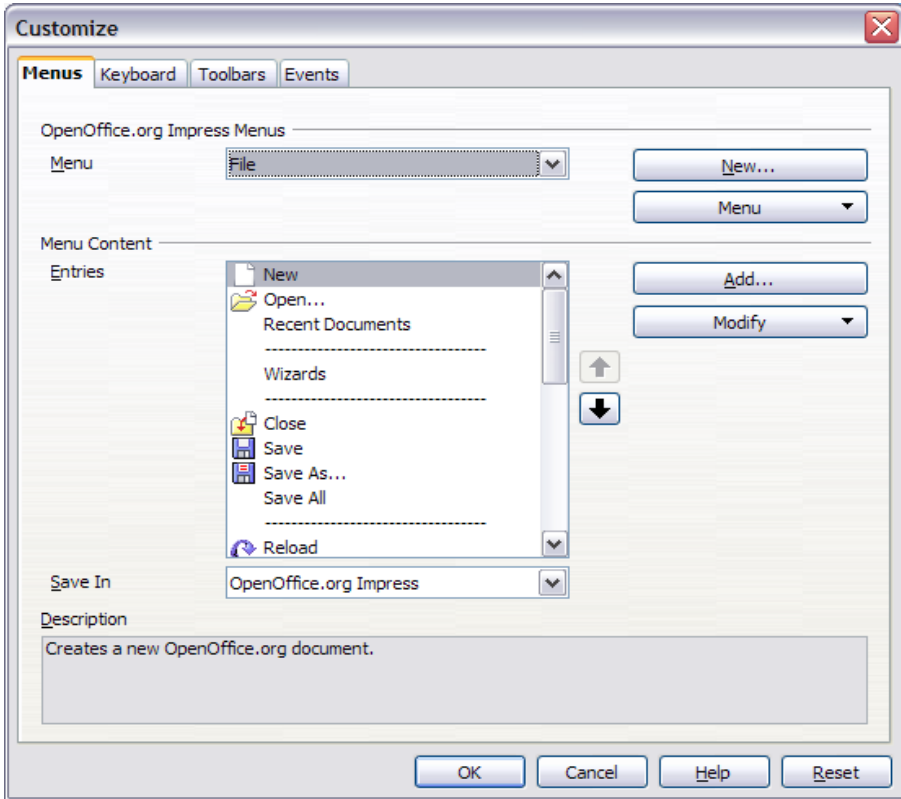


Figure 194. The Menus tab of the Customize dialog

Customizing toolbars

- 1) Open the Toolbars page of the Customize dialog in one of these ways:
 - On the toolbar, click the arrow at the end of the toolbar and choose **Customize Toolbar**.
 - Choose **View > Toolbars > Customize** from the menu bar.
 - Choose **Tools > Customize > Toolbars tab** from the menu bar.
- 2) In the **Save In** drop-down list, choose whether to save this changed toolbar for Impress or for a selected document.
- 3) In the **OpenOffice.org Impress Toolbars** section, choose the toolbar you want to modify, or click on the **New** button to create a new toolbar.
- 4) Click the **Toolbar** button on the right to display a drop-down list of choices.
- 5) To display or hide commands, select or deselect the checkboxes in the **Toolbar Content – Commands** section.

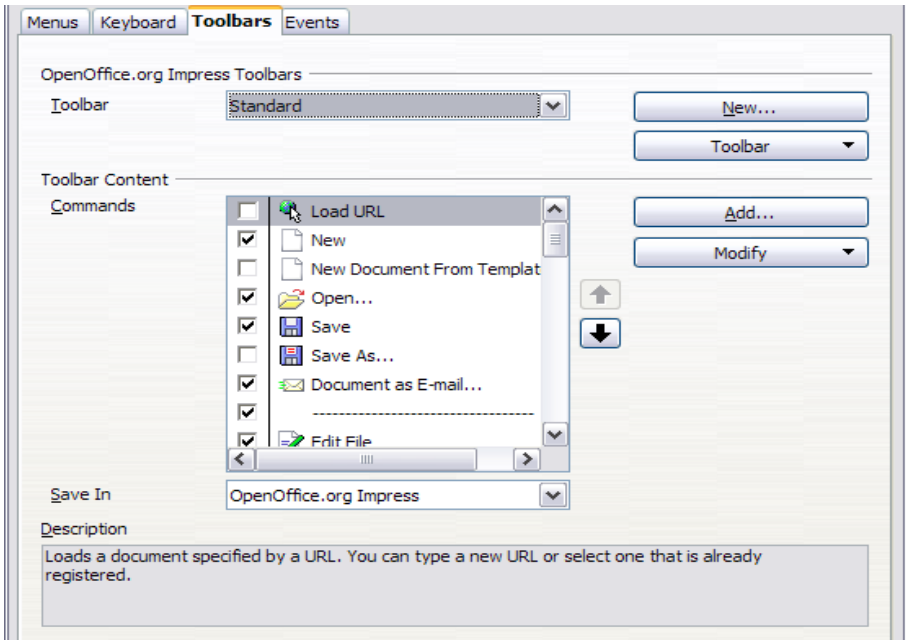


Figure 195. The Toolbars tab of the Customize window

- 6) To change the position of commands on a toolbar, select a command and click the big up and down arrows to the right of the lists.
- 7) To add commands to a toolbar, click the **Add** button on the right. The Add Commands dialog opens. Follow the instructions on this dialog and then click **Add** to return to the Customize dialog.
- 8) When you are done customizing menus, click **OK** to save your changes.

Customizing keyboard shortcuts

The Appendix to this book lists the default keyboard shortcuts supplied with Impress. You can change these defaults or add new shortcuts. You can assign shortcuts to standard Impress functions or your own macros and save them for use with Impress only, or with the entire OpenOffice.org suite.

Caution



Be careful when reassigning your operating system's or OOo's predefined shortcut keys. Many key assignments are universally understood shortcuts, such as *F1* for Help, and are always expected to provide certain results. Although you can easily reset the shortcut key assignments to the OOo defaults, changing some common shortcut keys can cause confusion, frustration and possible data loss or corruption, especially if other users share your computer.

As an example, suppose you wish to assign a shortcut key to easily insert a duplicate slide in your presentation. You could assign the *Insert* key as a logical shortcut for this purpose, as described below:

- 1) Choose **Tools > Customize**.
- 2) On the **Customize** dialog, pick the Keyboard tab (Figure 196).
- 3) As the shortcut key assignment is only relevant with Impress, and not OpenOffice.org in general, select the **Impress** button (at the upper right corner of the **Keyboard** tab).
- 4) Next select **Insert** in the *Category* list and **Duplicate Slide** in the *Function* list.
- 5) Now select the shortcut key *Insert* in the *Shortcut keys* list and click the **Modify** button at the upper right.
- 6) Click **OK** to accept the change. Now the *Insert* shortcut key will insert a duplicate slide immediately after the currently selected slide.

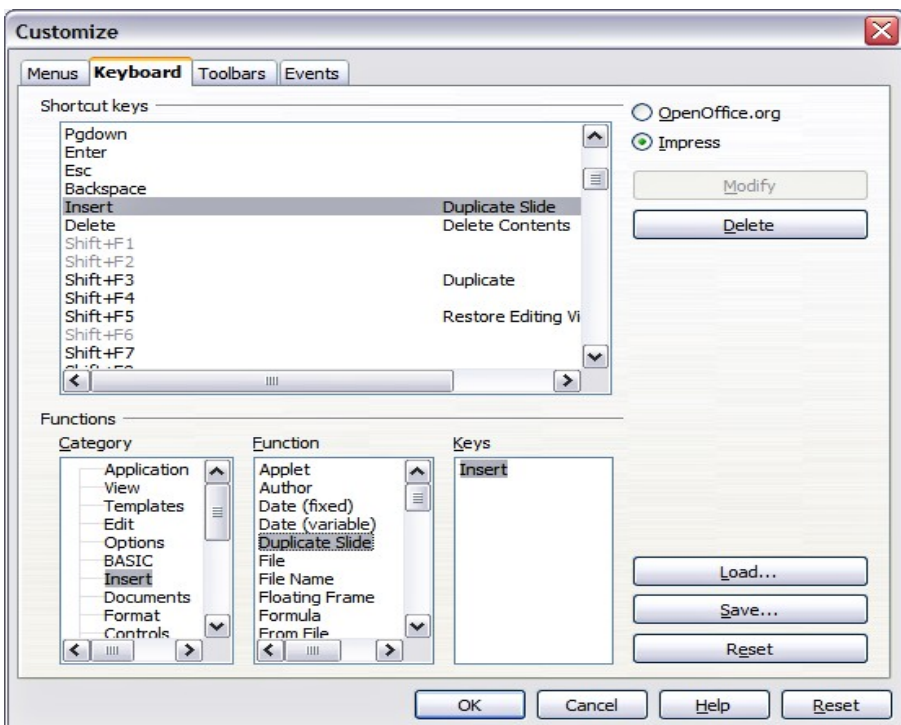


Figure 196: Customizing keyboard shortcuts

-
- | | |
|--------------|--|
| Notes | <ol style="list-style-type: none"> 1. All existing shortcut keys for the selected <i>Function</i> are listed in the <i>Keys</i> selection box. Since there was no currently assigned shortcut for the Insert > Duplicate Slide function the <i>Keys</i> list was empty. If it had not been, and you wished to reassign a shortcut key combination that was already in use, you would first have had to Delete the existing <i>Key</i>. 2. Shortcut keys that are greyed-out in the listing on the Customize dialog, such as <i>F1</i> and <i>F10</i>, are not available for reassignment. |
|--------------|--|
-

Saving changes to a file

Changes to the shortcut key assignments (and other configurations) can be saved in a keyboard configuration file for use at a later time, thus permitting you to create and apply different configurations as the need arises. To save keyboard shortcuts to a file:

- 1) After making your keyboard shortcut assignments, click the **Save** button near the bottom right of the Customize dialog (Figure 196).
- 2) In the Save Keyboard Configuration dialog, select *All files* from the **Save as Type** list.
- 3) Next enter a name for the keyboard configuration file in the **File name** box, or select an existing file from the list. If you need to, browse to find a file from another location.
- 4) Click **Save**. A confirmation dialog will appear if you are about to overwrite an existing file, otherwise there will be no feedback and the file will be saved.

Loading a saved keyboard configuration

To load a saved keyboard configuration file and replace your existing configuration, click the **Load** button near the bottom right of the Customize dialog (Figure 196), and then select the configuration file from the Load Keyboard Configuration dialog.

Resetting the shortcut keys

To reset all of the keyboard shortcuts to their default values, click the **Reset** button near the bottom right of the Customize dialog (Figure 196). Use this feature with care as no confirmation dialog will be displayed; the defaults will be set without any further notice or user input.

Running macros from key combinations

You can also define shortcut key combinations that will run macros. These shortcut keys are strictly user-defined; none are built in. For information on macros, see Chapter 17 (Getting started with macros) in the *Getting Started* guide.



Appendix A

Keyboard Shortcuts

You can use OpenOffice.org (OOo) without requiring a pointing device, such as a mouse or trackball, by using its built-in keyboard shortcuts. Tasks as varied and complex as docking and un-docking toolbars and windows, or changing the size or position of objects can all be accomplished with only a keyboard. Although OOo has its own extensive set of keyboard shortcuts, each component provides others which are specific to its work.

For help with OOo's keyboard shortcuts, or using OOo with a keyboard only, search the OOo Help using the "shortcut" or "accessibility" keywords.

In addition to using the built-in keyboard shortcuts (listed in this Appendix), you can also define your own. You can assign shortcuts to standard Impress functions or your own macros and save them for use with Impress only, or with the entire OpenOffice.org suite.

To adapt shortcut keys to your needs, use the Customize dialog as described in this section and in "Customizing keyboard shortcuts" in Chapter 10 (Setting Up and Customizing Impress).

Function keys for Impress

Shortcut Keys	Effect
<i>F2</i>	Edit text
<i>F3</i>	Edit group
<i>Ctrl+F3</i>	Exit group
<i>Shift+F3</i>	Duplicate
<i>F4</i>	Position and Size
<i>F5</i>	View Slide Show.
<i>Ctrl+Shift+F5</i>	Navigator
<i>F7</i>	Spell check
<i>Ctrl+F7</i>	Thesaurus
<i>F8</i>	Edit Points
<i>Ctrl+Shift+F8</i>	Fit text to frame
<i>F11</i>	Styles and Formatting

Other shortcut keys for Impress

Shortcut Keys	Effect
<i>Arrow key</i>	Move the selected object or the page view in the direction of the arrow.
<i>Ctrl+Arrow key</i>	Move around in the page view.
<i>Shift+drag</i>	Constrains the movement of the selected object horizontally or vertically.
<i>Ctrl+drag</i> (with <i>Copy</i> when moving option active)	Hold down <i>Ctrl</i> and drag an object to create a copy of the object.
<i>Alt key</i>	Hold down <i>Alt</i> to draw or resize objects by dragging from the centre of the object outward.
<i>Alt+click</i>	Select the object behind the currently selected object.
<i>Alt+Shift+click</i>	Select the object in front of the currently selected object.
<i>Shift+click</i>	Select adjacent items or a text passage. Click at the start of a selection, move to the end of the selection, and then hold down Shift while you click.
<i>Shift+drag</i> (when resizing)	Hold down Shift while dragging to resize an object to maintain the proportions of the object.
<i>Tab</i>	Select objects in the order in which they were created.
<i>Shift+Tab</i>	Select objects in the reverse order in which they were created.
<i>Escape</i>	Exit current mode.
<i>Enter</i>	Activate a place-holder object in a new presentation (only if the frame is selected).
<i>Ctrl+Enter</i>	Moves to the next text object on the slide. If there are no text objects on the slide, or if you reached the last text object, a new slide is inserted after the current slide. The new slide uses the same layout as the current slide.

Shortcut keys in the Normal View

Shortcut Keys	Effect
<i>Plus(+)</i> key	Zoom in.
<i>Minus(-)</i> key	Zoom out.
<i>Times(×)</i> key (number pad)	Fit page in window.
<i>Divide(÷)</i> key (number pad)	Zoom in on current selection.
<i>Shift+Ctrl+G</i>	Group selected objects.
<i>Shift+Ctrl+Alt+A</i>	Un-group selected group.
<i>Ctrl+click</i>	Enter a group, so that you can edit the individual objects of the group. Click outside the group to return to the normal view.
<i>Shift+Ctrl+K</i>	Combine selected objects.
<i>Shift+Ctrl+K</i>	Split selected object. This combination only works on an object that was created by combining two or more objects.
<i>Ctrl+Plus</i> key	Bring to Front.
<i>Shift+Ctrl+Plus</i> key	Bring Forward.
<i>Ctrl+Minus</i> key	Send Backward.
<i>Shift+Ctrl+Minus</i> key	Send to Back.

Shortcut keys in slide shows

Shortcut Keys	Effect
<i>Esc</i>	End presentation.
<i>Spacebar</i> or <i>Right arrow</i> or <i>Down arrow</i> or <i>Page Down</i> or <i>Enter</i> or <i>Return</i> or <i>N</i>	Play next effect (if any, else go to next slide).
<i>Alt+Page Down</i>	Go to next slide without playing effects.
<i>[number] + Enter</i>	Type a number of a slide and press <i>Enter</i> to go to the slide.
<i>Left arrow</i> or <i>Up arrow</i> or <i>Page Up</i> or <i>Backspace</i> or <i>P</i>	Play previous effect again. If no previous effect exists on this slide, show previous slide.
<i>Alt+Page Up</i>	Go to the previous slide without playing effects.
<i>Home</i>	Jump to first slide in the slide show.
<i>End</i>	Jump to the last slide in the slide show.
<i>Ctrl+Page Up</i>	Go to the previous slide.
<i>Ctrl+Page Down</i>	Go to the next slide.
<i>B</i> or <i>.</i>	Show black screen until next key or mouse wheel event.
<i>W</i> or <i>,</i>	Show white screen until next key or mouse wheel event.

Navigating with the keyboard in Slide Sorter

Shortcut Keys	Effect
<i>Escape</i>	Moves the focus to the first slide.
<i>Arrow key</i>	Moves the focus to the next slide.
<i>Spacebar</i>	Makes the slide with the focus the current slide.

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