

# EXT: AJAX Social Network Components

Extension Key: toctoc\_comments

Language: en

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Keywords: forAdmins, forAdvanced, Commenting, Rating, Sharing, Attachments

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- a GNU/GPL CMS/Framework available from [www.typo3.org](http://www.typo3.org)

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# Introduction

## What does it do?

This extension provides **social network components** such as ratings, commenting capabilities and sharing of web pages to TYPO3 content elements, or to virtually any TYPO3 record available in frontend.

It contains AJAX functionality which works with jQuery 1.7 or newer. The system itself is very flexible – many options can be set. It can be used as commenting system and/or as rating system.

This extension can import comments from extension *comments* – it is an UPDATE!!!

This extension is presented to the TYPO3 community by TocToc Internetmanagement – [www.toctoc.ch](http://www.toctoc.ch).

## Features

The extension offers almost all of the possible features that are needed for commenting, rating and sharing. Many of the features have been brought in by users of *toctoc\_comments*.

The feature list is long and it's important to have a complete overview for taking the right decisions when you start use the extension.

Here's the list of the most important features present in the actual version:

- Commenting, ratings and sharing on content elements
- Comment and rate records in most extensions DETAIL views
- Comment and rate news in *tt\_news* LIST view
- Ratings on comments
- Alternatively, content elements or records can be commented and rated explicitly
- Users can reply on comments in 3 different ways, comments are shown in a hierarchical tree-view- it's a threaded commenting system
- Highly customizable templates for commenting, rating, eID-requests, Text- and HTML-Mails
- CSS for every element (Default template has many CSS classes, which allows very customizable styling) and optional additional CSS file
- Colors of the plugin are isolated in customizable CSS color themes
- The plugin can be changed in layout with box models. They automate the design process: CSS, JavaScript and TS-Options are encapsulated with a box model and made consistent with PHP-code.
- Markers for all fe\_user fields, stdWrap-configuration for most display markers
- Available fields for comments (labels can be customized):
  - First name
  - Last name
  - Gender
  - E-mail
  - Home page
  - Location (city, for example)
  - Comment

- Set fields as required or optional
- E-mail address syntax validation
- Fully localizable (including date format through PHP `strtotime()` function)
- Automatically clear cache for any page(s) when comment is added
- Close comments/ratings after predefined period
- Close comments/ratings for individual records immediately or after period
- Prevent duplicate comments (for example, several subsequent POST requests)
- See IP address of the commenter in BE, Full info about the commenter in notification e-mails, possibility for IP-blocking,
- Import data from legacy extensions *comments* and *rating*
- Exhaustive spam control
  - Captcha use (`sr_freecap` clone or `recaptcha` clone, with options for number of characters and colors)
  - Force all messages to pass approval by administrator
  - Automatically decide if message should be approved before it can appear on the web page
  - Notification e-mail to designated e-mail address about new comments
  - internal spam checker, Spam-filter can be set up with spam words in the BE
  - Optional Email confirmation Opt-in on first use of an email in the system
  - IP-Blocking lists included (source: [www.spamhaus.org](http://www.spamhaus.org)), blocking of new IPs is possible
- Full TYPO3 caching supported (USER object!), which highly improves web site performance
- External CSS style sheet can be included through the template (no need to modify web site TS setup for this!)
- Automatically use FE user data to fill comment form
- Extends `tt_news` to show number of comments in LIST, SEARCH and LATEST views
- Integrates ratings internally, ratings are available in 3 designs for 2 types of ratings: star-system and iLike-system.  
Display of iLikes (and iDislikes) with facebook-like info about the users who liked.
- Integrates smilies internally
- Automatically find links in comment text and convert them to clickable links (can be turned on and off) – scanning of entered web pages and handling of web page previews
- Share content and comments on social platforms like Facebook, Twitter, Google+, 2 designs are available.
- Shows pop-up cards with user information (user cards)
- Set the required, maximal and cropping length for comments
- Commentators can say if they want to be notified about new comments, notifications can be canceled from notification email or on the website
- Male/Female avatar for anonymous users.
- eID-Interface with HTML-template for results of administrator confirmations, deletions from email.
- `fe_users` can edit their comments in the comments list.
- Filtering by user-groups of `fe_user`, exclusion of `fe_user` comments from public.

- CSH (Context Sensitive Help) in both Back end tables and plugin
- Support for new languages over the TYPO3 translation server ( <http://translations.typo3.org/> - feel free to contribute your language.
- Special Labels for rating products, news, images and more (example: “I like this product”)
- Installation in Extension manager imports static data for “Plugin to table map” and blocked IPs from [www.spamhaus.org](http://www.spamhaus.org).
- Plugin mode for recent comments
- Plugin mode for reports on bad comments
- Compatible TYPO3 4.3 up to TYPO3 6.x

Feel free to contribute new ideas on [www.toctoc.ch/toctoc\\_comments\\_featuretalk.html](http://www.toctoc.ch/toctoc_comments_featuretalk.html)

### New in this Manual

- Designing the plugin, best practices for changes of the design of *,toctoc\_comments*. All about CSS customizing with boxmodels, themes and the TS-Options for the plugin layout in the front end
- Revised chapter about Comments and ratings on records of other extensions (“Plugin to table map”)

## Screen-shots

There are screen-shots also in other sections of this manual.

### Normal Mode

This is the plugin operating in normal mode. It displays comments, ratings and sharing options.



This screenshot shows the plugin with sharing, iLike and voting enabled.

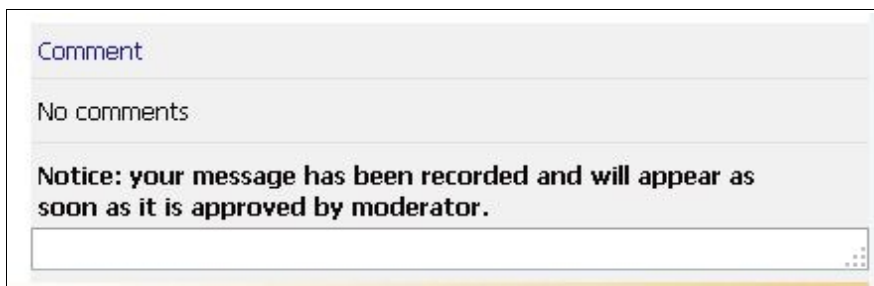
The following screen-shots show how to make an entry of a comment and then the approval process.

Note that comments can be entered without captcha-check and without approval. The setting without captcha would typically apply for logged in users.



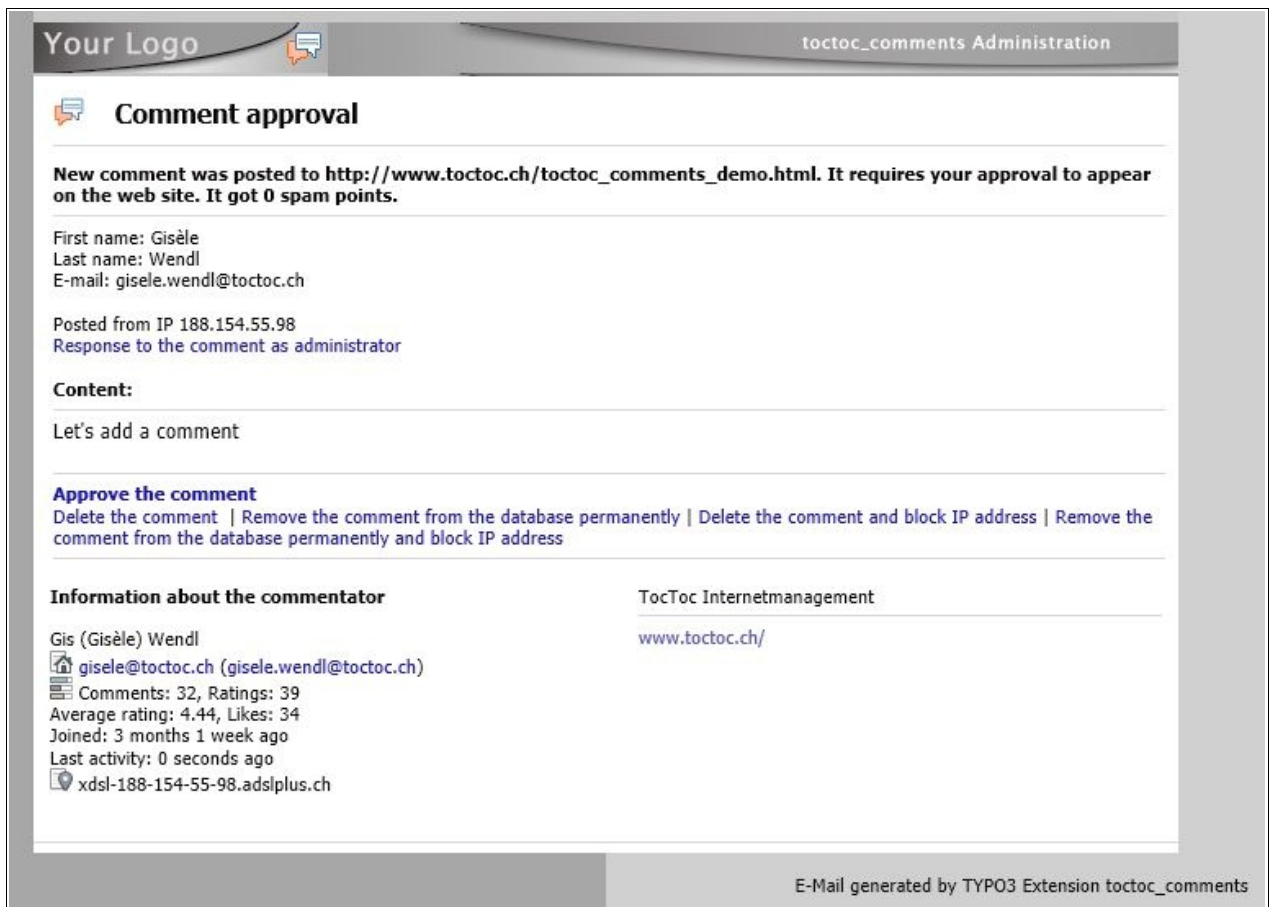
After posting a comment the 'useCaptcha' option brings the captchas security question. Here the plugin uses an internal clone of sr\_freecap.

Note: On a page, the plugin can be inserted several times.



After the captcha has been resolved the comment has been recorded in the database. The user is informed to wait until the moderator (administrator) has approved the comment.

The comments administrator receives then an e-mail, he can approve, delete or kill the comment (kill deletes a comment permanently) from the database.



As the admin clicks on approve comment (in this screenshot he did it a second time as one can see...) a web page rendered by the extension is presented, the template for the page and the HTML-mails can be easily adapted to your needs.



Many other scenarios apply.

## Recent Comments Mode

In mode “recent comments” the plugin looks like follows.



You can restrict the recent comments to comments on News only, on Products only or you can make them overall comments. Other filters are possible. Clicking on a link brings you on the target page and the comment is highlighted with a fatter border, so it can be seen very quickly.





## Report bad comment mode

In mode “Report bad comment” the plugin displays a form which allows users to send complaints on comments they don't like, or ask you to remove one of their comments.

When clicking on the fist-icon (see screen-shot on previous page) the user is directed to the webpage with the form which looks by default like this:

**This is the bad comment you want to report**

Rowlf Doog - Yes you are, wuffwuff - logged in - wuff !  
 Demo | 20 hours 28 minutes ago

Well Rowlf is really pollution the list with his underexposed ...

Your name:

E-mail:

Enter the captcha: w b a y u

If you can't read the word, [click here.](#)

## Different look for logged in users.

When a user is logged in the fields to enter first name, last name, email, location are hidden and prefilled with the values from the users profile. This is handled with a template. In the template-file for comments there are 2 subtemplates for the form – one for logged in users, one for IP-users (not logged in).

Handling in TS-Setup is best done with conditional assignment of options. Often used is the captcha/approval for anonymous (IP)-users and let fe\_users post without further control.

Have a look at this TS Setup

```
[usergroup = *]
plugin.tx_toctoccomments_pi1 {
    ratings {
        enableRatings=1
        useDislike = 1
    }
    spamProtect {
        requireApproval = 0
        useCaptcha = 0
    }
}
[else]
plugin.tx_toctoccomments_pi1 {
    ratings {
        enableRatings=1
        useDislike = 0
    }
    spamProtect {
        requireApproval = 1
        useCaptcha = 1
    }
}
[global]
```

## Acknowledgments

Creation of this extension was done and sponsored by Gisèle Wendl who runs TocToc Internetmanagement – a small company specialized on TYPO3 from Biel/Bienne, Switzerland.

Special thanks go to

- Dmitry Dupolev and the “old” *comments* team on [forge.typo3.org](http://forge.typo3.org) for their important work which is at the base of the code of this extension.
- Julien Hany, the contributor and developer of the used jQuery-Extension for Sharing, av. at [www.sharre.com](http://www.sharre.com)

The biggest Thanks goes to all the people behind the code:

Developers of PHP and MySQL, Webbrowser developers, developers of jQuery, developers of TYPO3 and many more.

The chain of thanks goes deep what programming is concerned.

At this occasion I won't miss to remind us of the humans who made the devices where you read this information:

Computers, Handys, Tablets – the entire IT infrastructure is manufactured by humans working under mostly very bad conditions.

“Fair Trade” and “ecological production” are important to change this, please try to choose your products not by price, but by this.

## Having questions?

For news checkout [www.toctoc.ch](http://www.toctoc.ch).

We have many demos of the extension at [http://www.toctoc.ch/toctoc\\_comments\\_demo.html](http://www.toctoc.ch/toctoc_comments_demo.html)

We provide help and support over [forge.typo3.org/toctoc\\_comments/](http://forge.typo3.org/toctoc_comments/) .

Please, avoid sending e-mails directly, thanks!

# Users manual

## Installing and Setup

1) Install the extension in EM. If you have problems with creating the tables, please deactivate *dbal* for this install.

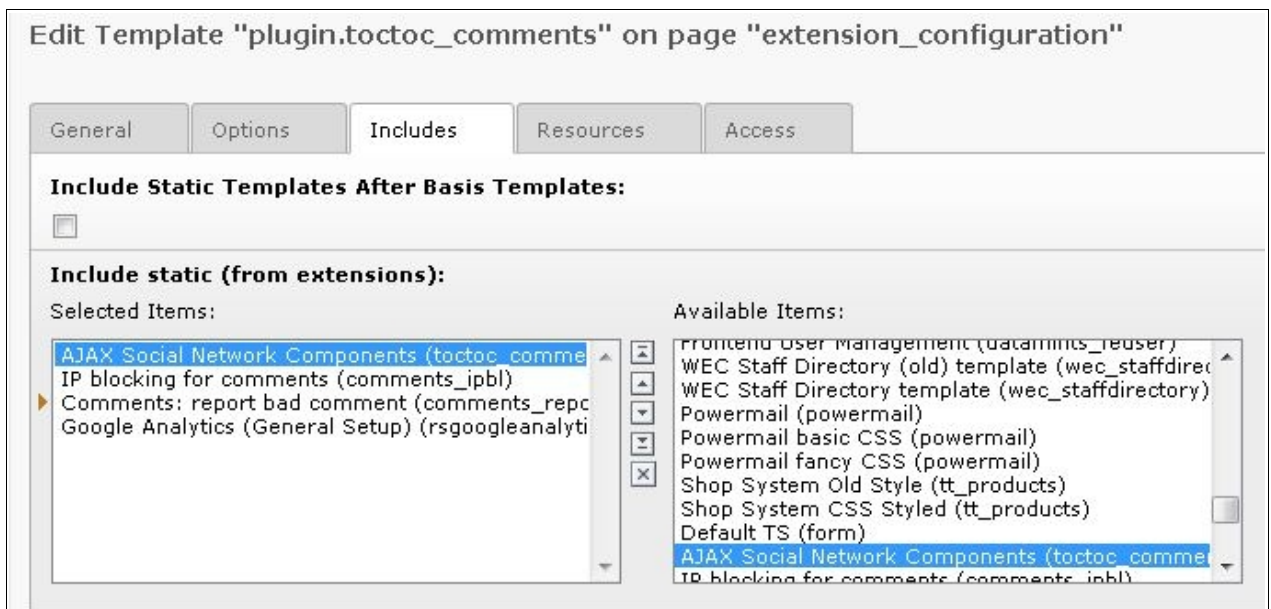
If you update from a former version of *toctoc\_comments*, then make sure that the upload-folders are created:

In EM open the Configuration-tab of the extension and press Update to create these folders.

Static Data is imported during install, it's enough to do this once.

After this please make sure that possible existing data won't be overwritten by unchecking the checkboxes for the imports.

2) Then include AJAX Social Network Components in your sites TS-Template



3) Make sure that jQuery is added to the page by adding something like this to the page.config-TS:

```
page.includeJSlibs {
    jquery = typo3conf/ext/toctoc_comments/resources/jquery-1.7.2.min.js
    jquerytools = typo3conf/ext/toctoc_comments/res/js/jquery.tools.min.js
}
```

Many Websites already run jQuery. Please be aware of the following compatibility information:

jQuery versions 1.7.+ are not compatible with lightboxes which use brackets ([]) in their "rel=" attributes. If possible just change the brackets to parentheses (). Some light-boxes accept this.

Info: TYPO3 6.0 will fully support only jQuery 1.7+. Also, the Share-function needs jQuery 1.7+ to function properly (older versions cannot display the number of shares correctly)

3) Setup your TS. See setup.txt in directory /static for an example.

Important is to set the constant for the StoragePID - the pid of the folder where comments will be stored.

TS Setup can be very minimal, see the example above for logged in and anonymous users - this is the recommended minimal setup.

jQuery Tools needs to be loaded directly after jQuery. This helps to avoid conflicts with other jQuery plug-ins like fancybox.

## Upgrading from comments 1.5.x/1.6.0

You need to enable the upgrade mode in the extension setup in Extension Manager.

When upgrade-mode is enabled, the comments and ratings for comments on a page are imported in *toctoc\_comments* regardless of their original storage folder id.

For importing data data replace the *comments* plugin by *toctoc\_comments*-plugin and open the page. At this moment the data of this page is imported from the tx\_comments-tables to tx\_toctoc\_comments-tables.

After the update disable the update option again.

## Changing the folder of static data

In EM in the extensions configuration panel you can activate the update of static data. With this static data like blocked IP-addresses and Triggering Prefixes get moved in the folder of the current storage-pid.

Once the plugin is run in the frontend the data gets moved from the root-folder of your site to the comments-folder (storagePid).

So activating this option works only **after complete installation** of the plugin.

## Inserting AJAX comments to page

When inserting a new content element, scroll down to the end of "New content element" wizard and click on the "AJAX Social Network Components":



This will insert a plugin for AJAX Social Network Components as a new content element.

Alternatively you can inject the plugin by TS in a TemplaVoila FCE as explained on the next page.

## Use in TemplaVoila FCE

In a flexible content element (FCE) of TemplaVoila you can setup TS for a mapped element. It's possible to use the plugin in a FCE like this:

Setup the element as TypeScript only-element:

**Element Preset:**  
 None (TypeScript only) ▼  
 Changing element type will change your existing settings!

**Mapping rules:**

The TS you need looks like this

```
10 = USER
10 < plugin.tx_toctoccomments_pi1
```

**TypeScript Constants:**

**TypeScript Code:**

```
10 = USER
plugin.tx_toctoccomments_pi1 {
    advanced {
        useSharing = 0
    }
}
10 < plugin.tx_toctoccomments_pi1
```

Update Cancel / Close

In normal TemplaVoila mode it is possible to use references on a *toctoc\_comments* plugin

## Customizing comments

All available comments options should be configured first site-wide through a TypoScript-Template.

Please check the **options (options for theme)** before you change CSS-files.

### Changes to template files

*toctoc\_comments* is an AJAX-based solution.

Normally a marker can be set-up anywhere in a sub-template and it will work.

But if a marker is needed in an AJAX process, the zone where markers can be moved is mostly limited by the **CSS-selectors with id's** inside the sub-template

### Important setup options

Setup the storage folder and the e-mail-addresses for notification mails

### Customizing from the plugin

Then some of the options setup in TS can be overwritten through the plug-in's configuration when it is inserted as content element.

A few options are available only thru the plugin.

TypoScript configuration is the only possibility for configuration if the plugin is inserted through TypoScript setup. (for example, as "TypoScript object path" in TemplaVoila or as a part of flexible content element).

For information on TypoScript configuration options see "Configuration" section later in this manual.

**Important:** Flexform configuration always overrides TypoScript configuration when a field is set to some value!

The choice which options are available in the plugin was guided by the importance to have an option individually setup in a specific plugin instance.

So for example you can deactivate sharing in general TS-configuration, and activate it only in the first plugin on a page.

### Use as TypoScript-Object

It's possible to use *toctoc\_comments* as TypoScript Object.

Example

```

TSObj.toctoc_comments >
TSObj.toctoc_comments = COA
tmptoc_comments = COA
tmptoc_comments {
    10 = USER
    10 < plugin.tx_toccomments_pi1
    10 {
        code=FORM,COMMENTS
        optionalRecordId=tt_news_76
        additionalClearCachePagesLocal= 292,291
        advanced {
            reverseSorting=1
            invertBrowser=0
        }
    }
}
TSObj.toctoc_comments < tmptoc_comments
    
```

## Plugin configuration

The plugin in the backend consists from 5 tabs.

### General tab

#### Normal Mode

In mode “Normal” the plugin can be used for commenting, rating, sharing with many options which are available on the other tabs.

The screenshot shows the configuration interface for the 'AJAX Social Network Components' plugin. It features a 'Selected Plugin' dropdown menu at the top. Below it is the 'Plugin Options' section, which contains five tabs: 'General', 'Advanced', 'Rating options', 'Anti-spam', and 'Attachments'. The 'General' tab is currently selected and displays the following settings:

- Mode:** A dropdown menu set to 'Normal'.
- Triggering prefix:** An empty text input field with a dropdown arrow, a delete button (X), and a folder icon.
- Plugin to table map:** A checkbox that is checked.
- Trigger optional Record:** An empty text input field with a dropdown arrow, a delete button (X), and a folder icon.
- [All tables]:** A label indicating the current selection for the 'Trigger optional Record' field.
- Store records at page:** An empty text input field with a dropdown arrow, a delete button (X), and a folder icon.
- Page:** A label indicating the current selection for the 'Store records at page' field.

**Triggering prefix** defines what parameter in URL triggers displaying of comments. The value depends on another plugin and its parameters. It's used when you want to related the comments to News or Products shown on a page, but not on the page itself.

Typically this parameter will be tx\_extkey\_pi1, but some older plug-ins have different values (for example, “tx\_ttnews” for tt\_news plugin).

Special value “pages” allows to comment on content elements on a page instead of records (value by default).

The mappings are in table “Plugin to table map”, custom mappings can be defined there. In versions before V3.1.0. this information was maintained in TS-Setup.

**Trigger optional record** gives possibility to specify a record or content element for which the comments will be valid. By Default the plugin associates to the containing content element or the record in association with a triggering prefix. Here you can force the record to be commented.

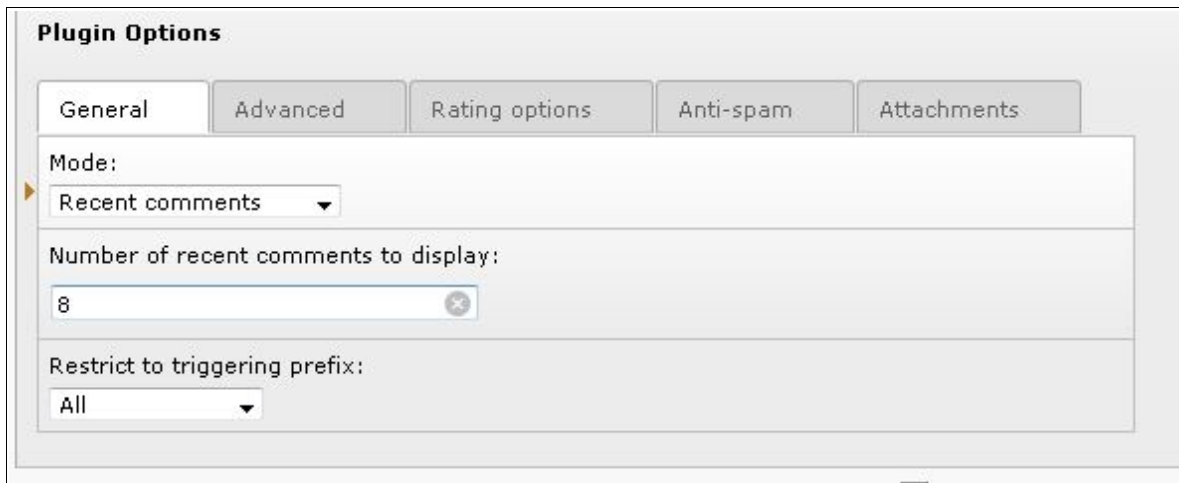
If it is a content element holding a plugin itself, then the comments of the other content element are shown, but you still can represent them in another way.

**Storage records at page** specifies the sys-folder where records should be stored. If empty, current page is used. Normally TS Option is used.



**Recent comments mode, option "All"**

In this mode the options of the other tabs are not relevant.



The screenshot shows the 'Plugin Options' dialog box with the 'General' tab selected. The 'Mode' dropdown is set to 'Recent comments'. The 'Number of recent comments to display' is set to 8. The 'Restrict to triggering prefix' dropdown is set to 'All'.

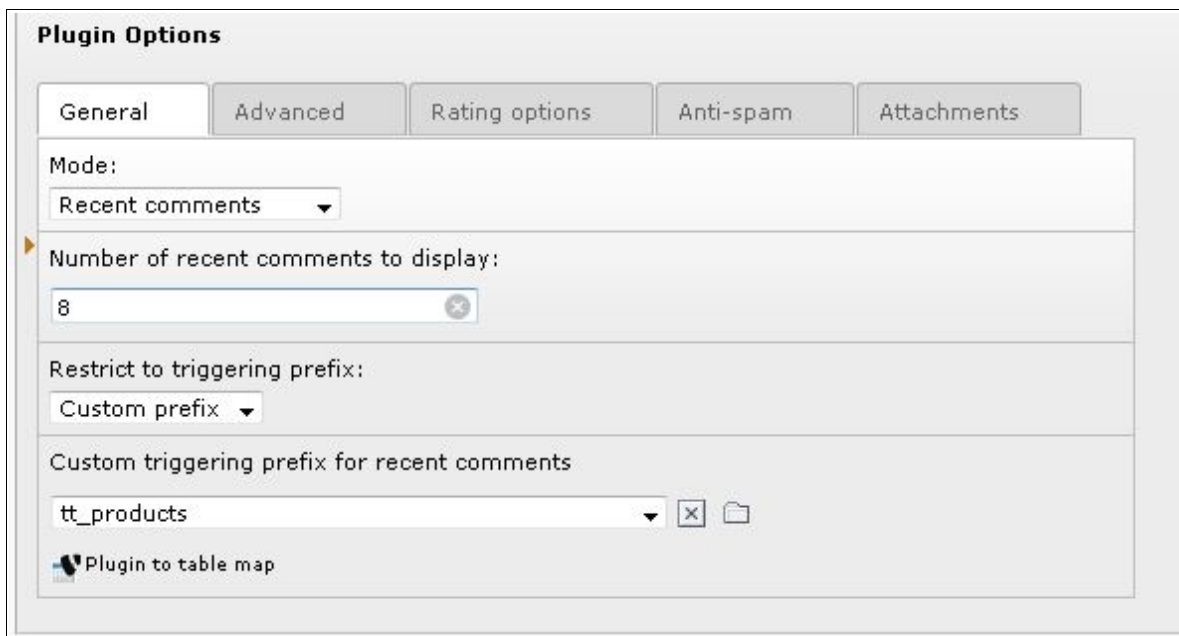
**Number of comments to display** on the list, newest comments are on top

**Restrict to external prefix:** "All" will consider all comments for the list. "Custom" allows to display comments filtered by associated extension, for example only the comments concerning News (tt\_news)

**Recent comments mode, option "Custom prefix"**

In this mode the options of the other tabs are not relevant. Also the pages and records are not relevant.

It's this mode you need if you want to display the recent comments about News.



The screenshot shows the 'Plugin Options' dialog box with the 'General' tab selected. The 'Mode' dropdown is set to 'Recent comments'. The 'Number of recent comments to display' is set to 8. The 'Restrict to triggering prefix' dropdown is set to 'Custom prefix'. Below this, the 'Custom triggering prefix for recent comments' is set to 'tt\_products'. There is also a 'Plugin to table map' icon at the bottom left.

**Custom triggering prefix for recent comments**, defines the extension for which you want to display recent comments (on its records).

**Report bad comment mode**

In this mode the options of the other tabs are not relevant.

General | Advanced | Rating options | Anti-spam | Attachments

Mode:  
Report bad comment ▼

Options for reporting bad comments are all set by TS.

### Advanced tab

General | **Advanced** | Rating options | Anti-spam | Attachments

Close commenting after:

Commenting closed for this plugin-instance  
Use TypoScript setting ▼

use Sharing:  
Use TypoScript setting ▼

don't use Sharing for Facebook:  
Use TypoScript setting ▼

don't use Sharing for Google+:  
Use TypoScript setting ▼

don't use Sharing for Twitter:  
Use TypoScript setting ▼

don't use Sharing for LinkedIn:  
Use TypoScript setting ▼

don't use Sharing for Stumbleupon:  
Use TypoScript setting ▼

Page Content [1062]

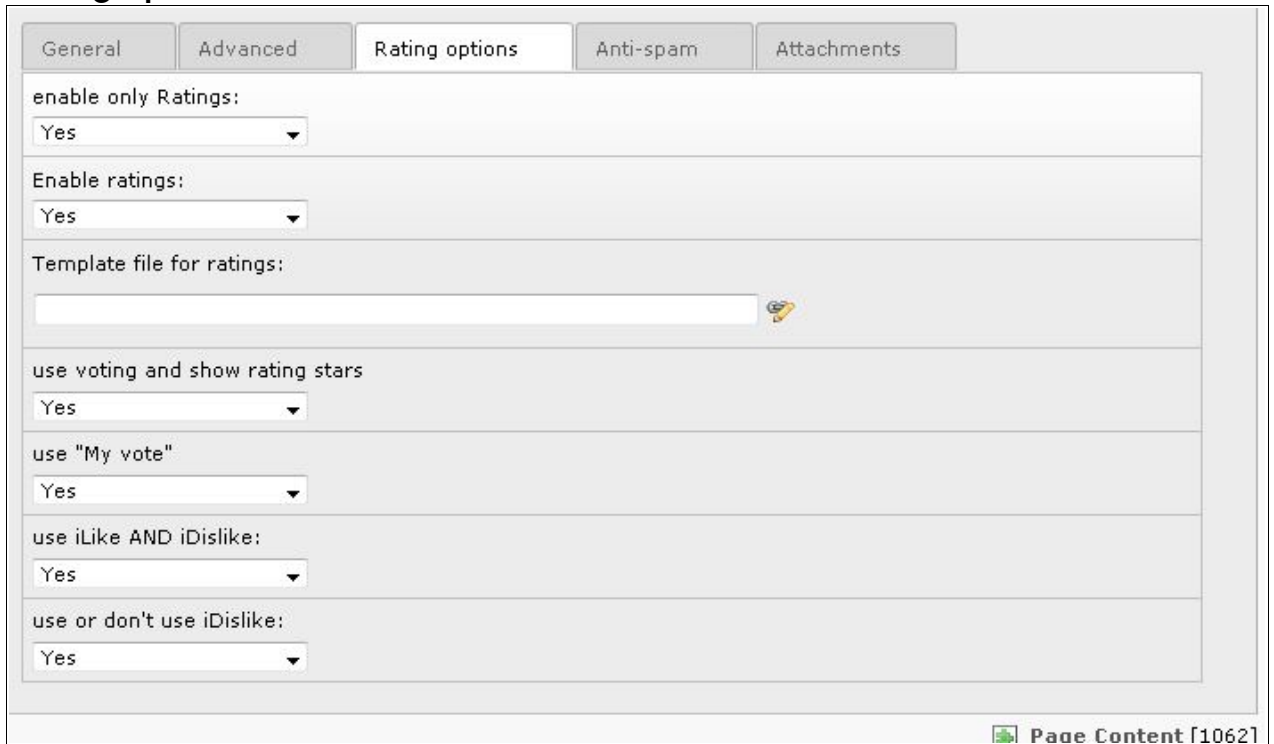
**Close commenting after** allows to automatically disable commenting if record is older than specified time period. Time period is a number followed by suffix. Suffix can be *h* (hour), *m* (month), *y* (year) or *d* (day). Comments extension takes care to change page caching time so that page cache expires when comments should be closed.

**Commenting closed for this plugin instance** allows to close commenting immediately.

**Use Sharing** enables the sharing function in the plugin

**don't use sharing** disables the Sharing function for a given platform individually


## Rating options tab



General   Advanced   **Rating options**   Anti-spam   Attachments

enable only Ratings:  
Yes

Enable ratings:  
Yes


Template file for ratings:  
 

use voting and show rating stars  
Yes

use "My vote"  
Yes

use iLike AND iDislike:  
Yes

use or don't use iDislike:  
Yes

 Page Content [1062]

**Enable only Ratings** suppresses the display of comments – sharing is not touched.

**enable ratings** allows to enable or disable all rating functions (voting and liking).

**Template file for ratings.** Allows to specify a different ratings layout

**use voting and show rating stars** enables basic rating

**use “My vote”** shows the users individual vote (per IP if logged out, per fe\_user if logged in)

**use iLike AND iDislike** enables to basic use of the like-feature. Both, like and dislike are activated

**use or don't use iDislike** allows to hide the dislike-feature

## Anti-spam tab

**Require approval of each comment** triggers the email for administrator where he can approve or disapprove a comment.

**Check referrer** is an option for more control on posts, the referrer of the post must be on the site itself.

**Use captcha** enable use of captcha (regardless if the user is logged in or not)

**Send notification to this e-mail** allows to specify a recipient other than in TS setup for approval emails about new comments

**Send e-mail from this address** allows to specify another sender e-mail than specified in TS setup

## Attachments tab

**Use attachment type webpage preview** allows or disallows webpage previews when the user is entering a comment

**Optional webpage preview on top:** Here you can select an existing webpage preview and put it at the top of the plug-in

**Index of preview picture**, this is the index number of the image file of the website preview to display. Check the record in the backend to make your choice first

## Approving comments

If a comment is set to “not approved” (approved=0) it's may be because it is spam or the **Require approval of each comment** option is set. These comments will not be visible on the page.

### E-Mail approval

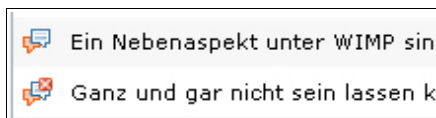
The administrator will receive e-mail with links to approve, delete or kill (delete permanently) comments.

Administration of comments can be done also through Web>List module of the Web->Comments module.

### Approval by Web->List module

This is the normal TYPO3 Listmode where you have the records and then you can edit them like any other records.

Here disapproved comments have different icon in the List module:



The first item on the screenshot above shows a comment which has not been approved yet. When opened for editing, the following flag will define if comment is approved:



If check is set, comment is approved.

### Approval by Web->Comments module.

In the BE-module of comments you can approve, delete, hide and kill comments on a list. For “mass-administration” this is the easiest way.

## Email confirmation opt-in (COI)

If a comment is set to **hidden** it is because the Email confirmation opt-in is active (confirmedOptIn=1) and the user did not yet confirm his email.

When confirmedOptIn is set to 1 and a user sends a comment he has to confirm his email before the comment will appear in the frontend.

This confirmation is necessary once **per email and used IP-address**.

## User Statistics

**User Statistics** which are maintained by the plugin help to see user activities, and allows to keep track.

### What is a User ?

There are 2 kinds of users: Anonymous and logged in users. *toctoc\_comments* stores it's own user format especially with the goal to identify returning anonymous users.

Logged in users, FE-Users, are stored in format '0.0.0.0.fe\_userid' (example: 0.0.0.0.2054).

Anonymous users are identified by their IP-address.

So the format for anonymous users is 'IP.0' (example: 184.126.45.22.0)

**Edit TocToc Userstats "188.154.55.98.0" on page "Comments"**

---

**TocToc UserID**

Commenter's initial first name:       Commenter's initial last name:

---

**Commenter's initial IP:**

**Commenter's initial IP, resolved:**

Commenter's initial email:       Commenter's initial web site:       Commenter's initial location:

---

**Creation date**

Commenter's current first name:       Commenter's current last name:

---

**last used IP**

Commenter's current email:       Commenter's current web site:       Commenter's current location:

---

**Last update**

average rating value    number of votes    number of likes    number of dislikes  
                 

---

**number of comments**

Date of confirmed opt in (COI)      Email used for COI      IP used for COI

## FAQ

### After installation, the plugin has to big font-size. How can I change this and where ?

If you use a boxmodel, then change it in the boxmodelfile and make boxmodels for the blue CSS Selectors below. You can use boxmodel.txt for a start and set TS option

```
theme.selectedBoxmodel = boxmodel.txt
```

If you do not use boxmodels then follow this procedure:

It's in file tx-tc-30.css.

Find CSS selector `.toctoc-comments-pil` and set the font-size to the percentage which fits the size needed.

```
.toctoc-comments-pil {
    font-size: nn%;
}
```

Check the Tool tips and the confirmation-popups. For tool tips change selector `.tooltip`.

```
.tooltip {
    font-size: nn%;
}
```

For the confirmation pop ups ajust `#confirm-container` this:

```
#confirm-container {
    font-size: nn%;
    line-height: mm%;
}
```

If you use a boxmodel look out for the same selectors, they are already present in boxmodel.txt-

### 2<sup>nd</sup> plugin on a page does not work and all records from the plugins on my page seem to be assigned to content element tt\_content\_99.

This happens when *toctoc\_comments* cannot assign the plugin to a content element automatically.

Check if TS Options “UseMainColPos” and (optionally) “UseTemplavoilaField” are setup correctly.

Note on Templavoila FCEs: *toctoc\_comments* used several times in a Templavoila FCE needs “optionalRecordID” to be set up.

“optionalRecordID”, for this purpose, needs to be set in format `tt_content_nnn`.

nnn can be the uid of an existing content element. Alternatively nnn can be any integer number (virtual content element id). Virtual content element ids can be set from TS only.

Automatic assignment to a content element of a FCE only works if just one plugin is present in the FCE, the FCE must be direct child of a content element, further more this plugin must be defined as TypoScript only object in the FCE.

The goal is to avoid `tt_content_99`, it's a bad guy :-)

Ask in TYPO3 Forge: *toctoc\_comments*.

# Administration

## Adding TypoScript template

The extension's TypoScript template must be added to site's TypoScript template.

To add this template, go to **Template** for the extension, click on the **Info/Modify** there and click **Click here to edit whole template record** link.

In the opened form select Includes, in **Include static (from extensions)** add **AJAX Social Network Components (toctoc\_comments)** to selected items.

The screenshot shows the 'Edit Template' interface for 'plugin.toctoc\_comments'. The 'Includes' tab is selected. Under the 'Include static (from extensions)' section, there are two lists: 'Selected Items' and 'Available Items'. The 'Available Items' list contains various system templates, with 'AJAX Social Network Components (toctoc\_comments)' highlighted at the bottom. The 'Selected Items' list is currently empty.



# Configuration

Plugin configuration is explained in **User manual**. This section talks about TypoScript configuration. Leaving default values as they are, this is not a bad idea as long you don't know why it's really needed to change a value.

## Main configuration

TS options are valid per plug in instance.

Some options, by their nature, are valid per webpage, others are valid site-wide.

We marked properties which are valid for the entire site with an (S) in the description, these valid for a webpage are marked with an (W).

So don't setup options marked with (S) or (W) per Plugin. Set them either in general Plugin TS (S) and (W) or if needed in a template attached to the webpage (W).

Property:	Data type:	Description:	Default:
<b>storagePid</b>	int+	Page uid where comment records will be stored. Current page if empty.	empty
<b>externalPrefix</b>	string	See <b>Triggering prefix</b> in <b>User guide</b> .	pages
<b>templateFile</b>	string	Template file for the plugin. Accepts either site-relative path or extension-related path (EXT: prefix) (W)	EXT:toctoc_comments/res/template/toctoccomments_template.html
<b>commentsPerPage</b>	int	Number of comments show in a comments list	3
<b>minCommentLength</b>	int+	Required length for a comment (W)	10
<b>maxCommentLength</b>	int+	Maximal length for a comment (W)	4000
<b>commentCropLength</b>	int+	Comment cropping: After this length a comment is cropped at initial display (W)	256
<b>UserImageSize</b>	int+	Size of user image in pixels. Image will be cropped from the center of the original image (square) (W)	32
<b>userContactUC</b>	boolean	This option enables display of basic user contact information in usercards	1
<b>userHomepageUC</b>	boolean	This option enables display of the users homepage in usercards	1
<b>userEmailUC</b>	boolean	This option enables display of the email of the commenting user in usercards	0
<b>userLocationUC</b>	boolean	This option enables display of the users location in usercards	1
<b>userStatsUC</b>	boolean	This option enables display of statistics in usercards	1
<b>userIPUC</b>	boolean	This option enables display IP information about the user in usercards	0
<b>timeoutUC</b>	int+	Time in seconds for display of a usercard. Values between 3 and 15 are ok	9
<b>HTMLEmail</b>	boolean	e-mail are sent in HTML-Format (1) or Text format (0)	1
<b>HTMLEmailFontFamily</b>	string	Font Family for HTML E-Mail	tahoma,verdana,arial,sans-serif
Options from setup.txt			
<b>additionalClearCachePages</b>	list	Additional pages where the cache should be dropped when adding or deleting toctoc_comment-data. Comma separated list.	

Property:	Data type:	Description:	Default:
<b>additionalClearCachePagesLocal</b>	list	Additional pages to be added to additionalClearCachePages, useful for cloned views on comments.	
<b>code</b>	string	Operation-mode of the commenting component: COMMENTS,FORM: First comments list, then the form FORM,COMMENTS: First the form is shown then the comments list COMMENTS: Only Comments list is shown	COMMENTS,FORM
<b>pluginmode</b>	int	Empty: Comments and Form, Sharing and Ratings 1: Recent comments mode 2: Report bad comment mode	Empty
<b>optionalRecordId</b>	string	A specific record to comment on, it can be a content element or a record with a table to prefix map defined. See: externalPrefix  You can specify another <i>toctoc_comments</i> plugin with this. If so the comments of the other plugin are displayed, but still you can configure the current plugin as you want. It works for <i>toctoc_comment</i> plugins implemented for comments on pages (default). For <i>toctoc_comment</i> plugins implemented for comments on records it will not work, the prefix-to-table map can be used only in context of the plugin for the external records. And makes no sense, because comments are attached to records and not to a content element.	Example:: tt_news_72
<b>preventDuplicatePosts</b>	boolean	If set, prevents duplicate posts on the same page	1
<b>requiredFields</b>	list of values	Comma-separated list of fields to be required for comments. Available values: <ul style="list-style-type: none"> <li>● firstname</li> <li>● lastname,</li> <li>● email</li> <li>● homepage</li> <li>● location</li> <li>● content</li> </ul> Remark: lastname, email and content are always required by the system. For fe_users the fields (apart content) are filled automatically by the values in table fe_users.	Minimum recommended and default: Firstname, lastname, content, email  If you want only an Alias, instead of firstname, lastname, then use lastname for this purpose.
<b>requiredFields_errorWrap</b>	array	dataWrap for required field if field is not filled properly	dataWrap = <span class="tx-tc-required-error">{LLL:EXT:toctoc_comments/pil/locallang.xml:error}&#32; </span>
<b>firstName_stdWrap</b>	array	Wrap for "First name" field	wrap = (empty)
<b>lastName_stdWrap</b>	array	Wrap for "Last name" field	wrap =
<b>email_stdWrap</b>	array	Wrap for "E-mail" field	wrap =
<b>webSite_stdWrap</b>	array	Wrap for "Web site" field	wrap =
<b>location_stdWrap</b>	array	Wrap for "Location" field	wrap =
<b>content_stdWrap</b>	array	Wrap for "Content" field	wrap =
<b>crdate_stdWrap</b>	array	Wrap for recent comments list "Date" field	wrap =
<b>author_stdWrap</b>	array	Wrap for recent comments list "author" field	wrap =  &nbsp;-&nbsp;
<b>recentComment_stdWrap</b>	array	Wrap for recent comments list "Comment" field	wrap =

Property:	Data type:	Description:	Default:
<b>Options for smilies</b>			
<b>smiliePath</b>	string	Path to directory with smiley image files	EXT:toctoc_comments/res/smilie
<b>fileExt</b>	string	file extension of smiley images	png
<b>smilies</b>	array	<p>Array with all available smilies defined</p> <p>Syntax: [filename] = [string1] [string2]</p> <p>Smilies are a mix from facebook-like smilies and the smilies from the original smilie-extension. Smilies gisele (Gisèle Wendl), Roman and Jacqueline are, just like the famous developer Putnam from facebook, dedicated to the related, living persons, who contributed to this extension.</p>	<pre>smile = :-) :) :] =) tongue = :-P :-p =P wink = ;- ) grin = :-D :D =D curlylips = :3 kiss = :.* :* grumpy = ^(\ ^-( glasses = 8-) B-) sunglasses = 8-  8  B-  B  upset = ^:-o ^:-O confused = o.O O.o shark = (^^^) gasp = :O :o pacman = :v squint = -_- devil = 3-) unsure = :-/ \: :-\ frown = :-( (: [= ( cry = :( putnam = :putnam: robot = : ] heart = :h: angel = O-) kiki = ^_^ penguin = :+p: gisele = :g: jacque = :j: roman = :r: 6 = :-  7 = :-s s(: :s 8 = :-U 9 = 8O 8-O 8o 8-o 10 = =-=- 11 = M-) 12 = ()-) 13 = V-) 14 = [-) 15 = X-) 17 = WOW)</pre>

## Advanced options (->ADVANCED)

Property:	Data type:	Description:	Default:
<b>dateFormat</b>	string	<p>Defines date format to use for date/time information about posts. Format specifiers depend on dateFormatMode configuration option. See PHP function <code>date()</code> and <code>strftime()</code> for information about format specifiers. If empty, defaults to concatenation of <code>SYS-&gt;ddmmyy</code> and <code>SYS-&gt;hhmm</code> system variables (from Install tool) and <code>dateFormatMode</code> is forced to "date"</p>	empty
<b>dateFormatMode</b>	string	<p>Determines what PHP function to use for date formatting. Defaults to "date". If you want to use month or week days in national language, you have to use "strftime".</p> <p>Valid values are:</p> <ul style="list-style-type: none"> <li>● date</li> <li>● strftime</li> </ul>	date

Property:	Data type:	Description:	Default:
<b>closeCommentsAfter</b>	string	If set, automatically disables commenting for items older than this period. See <b>Close commenting after</b> in the User manual for more information. Setup-only option	empty
<b>commentingClosed</b>	boolean	Commenting can be totally suppressed, 0 (default) or 1 When commenting is closed also rating is closed.	0
<b>autoConvertLinks</b>	boolean	If enabled, will search for possible links in comment text and turn them to links. Specifically the following texts are searched: <ul style="list-style-type: none"> <li>● http://</li> <li>● www.</li> </ul> Anything that starts from these strings and till next space will be converted to links. This procedure is not very clever but works in most cases. Links are always created with rel="nofollow" and css class "tx-comments-external-autolink". There is no way to change any of these two attributes.	1
<b>adminCommentResponse</b>	boolean	Admin can give direct comments on comments: When notification mails for new comments come in, the admin can give a direct reply which will be showed under the comment. Requires modified <i>comments_response</i> extension to be installed.	0
<b>userCommentResponseLevels</b>	int+	Number of levels of comments on comments, values from 0 (none) to 20 are allowed	3
<b>userCommentResponseLevelExpanded</b>	int+	When displaying comments on comments this sets how many levels are expanded. values from 0 (none) to 20 are allowed	1
<b>showFeUsercomments</b>	boolean	Show comments of FE Users:If set to 0 comments of FE users are shown only after login.	1
<b>showFeUsercommentsOnlyInSameUserGroup</b>	boolean	Show comments for FE Users depending of the user groups:For logged in users only comments by users of the same user groups are shown (showFeUsercomments must be set to 0).	0
<b>commentatorNotify</b>	boolean	commentator of former comments can be notified about new, approved comments	1
<b>commentatorNotifybyIP</b>	boolean	commentator of former comments are identified by their IP:If enabled, the commentators are identified as per their IP address if they are not logged in. If disabled commentators who are not logged in can't disable E-Mail notification on new comments.	1
<b>notificationForCommentatorEmail</b>	string	E-mail address to use when sending mails to users who want to be notified on new comments	
<b>notificationForCommentatorHTMLEmailTemplate</b>	string	HTML Template to use for notification email to commentator of former comments	EXT:toctoc_comments/res/template/toctoccomments_template_commentator_email.html
<b>notificationForCommentatorEmailTemplate</b>	string	E-mail template for commentator of former comments	EXT:toctoc_comments/res/template/toctoccomments_template_commentatoremail.txt
<b>eidHTMLTemplate</b>	string	When clicking on Links in Admin-E-Mails this template will be used to show the answer of the system (S)	EXT:toctoc_comments/res/template/toctoccomments_template_eid.html
<b>CommentsShowOldPerCID</b>	int+	This is the scrolling multiplication number, telling how many commentsPerPage the show older comments function reveals at a time.	3

Property:	Data type:	Description:	Default:
<b>commentsEditBack</b>	int+	When a user can edit his comments, this number indicates how many comments back the user is allowed to edit. set 0 for none. allowed 0 to 50.	1
<b>UseTemplavoilaField</b>	string	Name of the field defined in TemplaVoila (if used) where the comments-plugins goes. Check your TemplaVoila page-template. (W)	field_content
<b>UseMainColPos</b>	int	tt_content Column (colPos) with comments-plugins: Columnposition (colPos) where the comments-plugins go. Can be left on 0, most of the times. (W)	0
<b>FeUserImagePath</b>	string	Path where the feuser-images are stored. Normally uploads/pics/. (W)	uploads/pics/
<b>FeUserDbField</b>	string	Database field in fe_users where <i>toctoc_comments</i> should look for a user pic. (W)	image
<b>useSharing</b>	boolean	Use of Share-Links for social networks like Facebook, Google and Twitter	1
<b>useSharingDesign</b>	int	Use Design with (default) or without buttons Default popup=0,Buttons popup=1,Default open=2,Buttons open=3,Add This small=4 Don't combine 1 and 3 on the same webpage.	0
<b>dontUseSharingFacebook</b>	boolean	Use of Share-Link for Facebook is suppressed	0
<b>dontUseSharingGoogle</b>	boolean	Use of Share-Link for Google+ is suppressed	0
<b>dontUseSharingTwitter</b>	boolean	Use of Share-Link for Twitter is suppressed	0
<b>dontUseSharingLinkedIn</b>	boolean	Use of Share-Link for LinkedIn is suppressed	1
<b>dontUseSharingStumbleupon</b>	boolean	Use of Share-Link for Stumbleupon is suppressed	1
<b>recentcommentsPluginpages</b>	string	Pages with a record to display : When a plugin is linked to a content element on a page, but the page displays records, then you should indicate the page-ids here as a comma separated list. Used by recent comments (if mode Restrict to external prefix = "All") and report bad comments forms.  Also your website must contain pages which are used to display single records and then you place the plugin toctoc_comments without setting up the triggering prefix.  So when linking on a comment of this page, the recent comment list needs to know which record to display. Here you simply select the concerned pages.  This option and the next option recentcommentsPluginRecords go together and they are <b>really rarely needed</b> .	
<b>recentcommentsPluginRecords</b>	string	Records for pages with a record to display : Corresponding list of records, a list like "tt_news_51, tt_products_65". Here you define the records which need to be shown for the list of pages where a record of a contained plugin should be shown. The sequence of the records selected here must be same as the pages.	
<b>commentsShowCount</b>	boolean	Show total number of comments :In comments listing on top the total number of comments is shown	
<b>reverseSorting</b>	boolean	Shows last comments first and reverses sorting order to show last comments on level 0	0
<b>invertBrowser</b>	boolean	Invert comment browser position :Puts comments browser on top or bottom of comments list.	0
<b>allowHTMLTagsInComments</b>	boolean	Allows HTML-Tags in comments. If set to 1 then HTML-Tags can be used to format comments, extending the BB-Codes, but more risky.	0

Property:	Data type:	Description:	Default:
<b>wallExtension</b>	options	Enables plugin mode for walls of community extensions, if so, only comments of you and your friends are shown. Options: inactive=0 wall of tx_community=1, wall of cwt_community=2]; (W)	0
communityProfileComments Visibility	options	only user=0, user and friends=1, all community users=2] Enables visibility of comments on users community profile page.	1
replyModeInline	boolean	Replies on comments are entered under the comment replied on. Slows down bit performance.	1
replyModeInlineOpenForm	boolean	reply mode inline with open form :Form for Replies on comments is shown instead of reply link	0
Options from setup.txt			
<b>dateFormatOldStyle</b>	boolean	Use old style date format:Old style date format is like "20.08.2012", new style would be like "3 weeks and 4 days ago". See dateFormatMode and dateFormat for old style	0
<b>enableUriLog</b>	boolean	Enable URL log	0

## Spam protection (->SPAMPROTECT)

Property:	Data type:	Description:	Default:
<b>requireApproval</b>	boolean	If enabled, messages will be set to disapproved state and notification will be sent to administrator (see <b>notificationEmail</b> below). If approval is not requested but <b>checkTypicalSpam</b> is set, messages still can be set to disapproved state and notification is sent.	1
<b>useCaptcha</b>	string	Enables using captcha to post comments. Possible values are: <ul style="list-style-type: none"> <li>● None=0</li> <li>● sr_freecap clone captcha extension=1</li> <li>● jm_recaptcha clone extension=2</li> </ul> Captcha is checked after submit !	0
<b>checkTypicalSpam</b>	boolean	If set, extension automatically checks all comments for typical guest-book spam. If comments receives more than the value of spamCutOffPoint spam points, it is automatically set to disapproved state and notification is sent to the author in the plugin.	1
<b>spamCutOffPoint</b>	integer	If number of points is greater than this value, new comment is ignored, user receives spam warning message and e-mail to administrator is not sent.	10
<b>freecapBackgroundcolor</b>	string	freecaptcha-clone Backgroundcolor: Use valid rgb-code like 225,225, 225	255, 255, 255
<b>freecapTextcolor</b>	string	freecaptcha-clone textcolor:Use valid rgb-code like 25,25, 25	95, 107, 200
<b>freecapNumberchars</b>	int+	Number of characters freecaptcha-clone:max is 10, min is 3	4
<b>freecapHeight</b>	int+	Height for freecaptcha-clone: max is 50, min is 23.	23
<b>notificationEmail</b>	string	E-mail address to send notifications to	
<b>informationEmail</b>	string	Notify administrator about posted comment without approval by e-mail	
<b>fromEmail</b>	string	E-mail address to send notifications from	
<b>emailTemplateHTML</b>	string	HTML-template to use for approval needed-notification email to administrator. Is also used for simple notifications without approval.	EXT:toctoc_comments/res/template/toctoccomments_template_email.html

Property:	Data type:	Description:	Default:
<b>emailTemplate</b>	string	Template to use for Approval needed-notification email to administrator. It will result in a simple text-E-mail.	EXT:toctoc_comments/res/template/toctoccomments_template_email.txt
<b>emailTemplateInfo</b>	string	Template to use for information-notification email to administrator	emailTemplateInfo = EXT:toctoc_comments/res/template/toctoccomments_template_emailinfo.txt
<b>emailTemplatecoiHTML</b>	string	HTML-E-mail template for confirmed opt in; it's used for confirmed opt in-request email to user who made a comment first time using his email-address.	EXT:toctoc_comments/res/template/toctoccomments_template_email_coi.html
<b>emailcoiTemplate</b>	string	Text-E-mail template for confirmed opt in; it's used for confirmed opt in-request email to user who made a comment first time using his email-address.	EXT:toctoc_comments/res/template/toctoccomments_template_email_coi.txt
<b>useIPblocking</b>	boolean	Enables IP-Blocklists in frontend, if enabled comments by blocked IPs are evaluated as spam	1
<b>confirmedOptIn</b>		Enables Confirmed opt-in (COI): When a commentator sends his email first time, then he will receive a confirmation email and he needs to confirm his email address by clicking a link, which changes the state "hidden" of his comment from false to true. Remark: the comment might not be approved yet, this works in addition to coi and needs just to be handled normally.	0
Options from setup.txt			
<b>considerReferer</b>	boolean	If set, checks that referrer of the current page is within the same web site. If not, message is set to disapproved state and notification is sent to administrator.	0

## Ratings (-> RATINGS)

Property:	Data type:	Description:	Default:
<b>enableRatings</b>	boolean	Enables web site visitors to rate comments. Notice that ratings change is only available if comments are not closed for the item. When comments are closed, ratings automatically become read-only	0
<b>ratingsOnly</b>	boolean	Enable ratings only: Use plugin as rating-only version	0
<b>minValue</b>	integer	Minimum rating value. This must not be changed once ratings are in use already. Changing this value also requires CSS adjustments (length of voting bar).	1
<b>maxValue</b>	integer	Maximum rating value. This must not be changed once ratings are in use already. Changing this value also requires CSS adjustments (length of voting bar). (S)	5
<b>ratingImageWidth</b>	integer	Width of a single rating bar image. Must be adjusted if a non-default image is used. (W)	11
<b>mode</b>	auto or static	"auto" means that ratings will operate as they normally do on web sites (user votes and he cannot vote on this item any more). "static" means that the user will not be able to vote: ratings will be read-only.	auto
<b>disableIpCheck</b>	boolean	Disables the IP address check for voting. If this check is disabled, users may vote any number of times on the item (useful for testing). Notice: users will have to reload the page to vote again!	0

Property:	Data type:	Description:	Default:
<b>additionalCSS</b>	string	Allows to change the appearance of ratings without changing template. Typically ratingImageWidth needs to be changed too. (W)	
<b>ratingsTemplateFile</b>	string	Template file for ratings shown in the plugin. Accepts either site-relative path or extension-related path (EXT: prefix)	EXT:toctoc_comments/res/template/toctoccomments_ratings.html
<b>useMyVote</b>	boolean	Show the vote of the user	1
<b>useVotes</b>	boolean	Shows the rating stars and enables voting, if checked.	1
<b>useLikeDislike</b>	boolean	Show Like and Dislike Features, if checked both are active.	1
<b>useDislike</b>	boolean	Show Dislike Features; makes only sense in connection with useLikeDislike.	1
<b>useTopVotes</b>	boolean	Shows the rating stars and enables voting, if checked on top of the plugin	1
<b>useTopLikeDislike</b>	boolean	Show Like and Dislike Features on top of the plugin	1

## Attachments (->ATTACHMENTS)

Property:	Data type:	Description:	Default:
<b>useWebpagePreview</b>	boolean	Use Attachment Feature Webpage preview: Webpage previews are allowed	1
<b>webpagePreviewHeight</b>	int+	Height of the Webpagepreview. Associated webpage preview-images will have same size. min is 30 max is 120 pixels	70
<b>webpagePreviewDescriptionLength</b>	int+	Character length of the webpage preview description. Values between 50 and 500 are accepted by the system	200
<b>webpagePreviewDescriptionMinimalLength</b>	int+	Minimal character length of the webpage preview description When a description found on a webpage is shorter than this number, the system gets the description from Google - values must be between 20 and 150	5
<b>webpagePreviewCacheTimePage</b>	int+	Cache expiry for scanned pages in minutes After this time pages are scanned again. - values must be between 0 and 1440 (1 day max)	180
<b>webpagePreviewCacheTimeTempImages</b>	int+	Cache expiry for temporary stored images in minutes After this time images in the temp folder are deleted, after a new page has been scanned. - values must be between 5 and 120 (2 hours max)	60
<b>webpagePreviewCacheClearManual</b>	boolean	Delete temp images manually or by scheduled script If you want to control manually deletion of outdated images in temp folder set this to 1 - you can use a scheduled PHP-script, or if you don't mind, even delete the files when your disk-space contingent is reached.	0
<b>webpagePreviewNumberOfImages</b>	int+	Number of images in webpage previews The number of images shown influences the performance during scanning of webpages remarkably. Values between 4 and 25 are possible	10
<b>webpagePreviewScanMinimalImageFileSize</b>	int+	Minimal file size for an image while scanning webpages Value in Bytes, 300 - 6000	1500
<b>webpagePreviewScanMinimalImageSize</b>	int+	Minimal Height and Width for an image while scanning webpages Value in Pixel, 30 - 100	40
<b>webpagePreviewScanMaxImageSize</b>	int+	Maximal Height and Width for an image while scanning webpages Value in Pixel, 300 - 1280	450
<b>useLikeDislikeWebpagePreviewScanMinLogoSize</b>	int+	Minimal Height and Width for a logo image while scanning webpages: Value in Pixel, 20 - 70	30



Property:	Data type:	Description:	Default:
<b>webpagePreviewScanMaxImageScans</b>	int+	Maximal Pictures scanned (if logo has been found already) Values are 20 to 100, higher values result in longer scan time	40
<b>webpagePreviewScanMaxImageScansForLogo</b>	int+	Maximal Pictures scanned if logo has not been found already: Values are 30 to 150, must be higher than webpagePreviewScanMaxImages to make sense	55
<b>webpagePreviewScanMaxHorizontalRelation</b>	int+	Maximal allowed x to y relation for scanned images The integer value when dividing width by height a scanned image may have. Values between 1 and 5 are possible	5
<b>webpagePreviewScanMaxVerticalRelation</b>	int+	Maximal allowed y to x relation for scanned images The integer value when dividing height by width a scanned image may have. Values between 1 and 4 are possible	3
<b>webpagePreviewScanLogoPatterns</b>	boolean	List of Patterns for logo recognition A list of string patterns, separated by commas - if a pattern is found in a file name, then the image file is considered as logo of the website scanned. Be careful with short patterns - patterns shorter than 4 chars are ignored	logo,crght
<b>webpagePreviewScanExcludeImagePatterns</b>	boolean	List of Patterns for image exclusion during scan A list of string patterns, separated by commas - if a pattern is found in a file name, then the image file is excluded	pixeltrans, spacer, youtube, rlogos, white, transpa, bg_teaser
<b>webpagePreviewDescriptionPortionLength</b>	int+	Minimal Length of a page text fragment during scan: When scanning text from pages, then the content of p-Tags and span-tags is analyzed. The content must be longer than this value for inclusion in page description. Values between 10 and 100 are accepted	40
<b>webpagePreviewCurlTimeout</b>	int+	Timeout for HTML requests in ms Request are canceled after this duration. 3000 to 13000.	7000
<b>usePicUpload</b>	boolean	Use Image attachment.	= 1
<b>usePdfUpload</b>	boolean	Use PDF attachment.	= 1
<b>picUploadDims</b>	int+	Maximal height and width for an preview image after upload. Value in Pixel, 50 - 150.	100
<b>picUploadMaxDimX</b>	int+	Maximal width for an image after upload. Value in Pixel, 100 - 900.	800
<b>picUploadMaxDimY</b>	int+	Maximal height for an image after upload. Value in Pixel, 100 - 1200.	900
<b>picUploadMaxDimWebpage</b>	int+	Maximal dimensions for an image for display in the comments list, 200 - 800.	470
<b>picUploadMaxDimYWebpage</b>	int+;	Maximal height for an image for display in the comments list, 200 - 800.	300
<b>picUploadMaxfilesize</b>	int+	Maximal file size for image upload. Value in KB, 10 - 100000.	2500
<b>pdfUploadMaxfilesize</b>	int+	Maximal file size for image upload. Value in KB, 10 - 100000.	3000

## Recent Comments (->RECENTCOMMENTS)

All options are setup only (no constants)

Property:	Data type:	Description:	Default:
<b>listCount</b>	int+	Number of comments shown in the list	3
<b>sorting</b>	string	Sorting of recent comments	uid DESC
<b>anchorPre</b>	string	Anchor prefix used when highlighting comments after clicking on a link	#tx-tc-ct-
<b>linkComments</b>	boolean	If set to 1 (default) Comments are linked to the original sources.	1
<b>maxCharCount</b>	int+	Number of characters before the comment is cropped	100

Property:	Data type:	Description:	Default:
<b>restrictToprefixToTableMap</b>	string	The custom external prefix for recent comments triggers specific records like News, Products or other records with associated comments.	

## Report bad Comment (->COMMENTSREPORT)

All options are setup only (no constants), only one plugin instance on a page is possible.

Property:	Data type:	Description:	Default:
<b>active</b>	boolean	Set comment reporting active (1) or inactive (0)	0
<b>reportPid</b>	int+	Report page id:ID of the page where reporting form is located	
<b>emailTemplateFile</b>	string	Text mode template to use for notification email to administrator.	EXT:toctoc_comments/res/template/toctoccomments_template_reportcomment_email.txt
<b>HTMLEmailTemplateFile</b>	string	HTML-template to use for notification email to administrator.	EXT:toctoc_comments/res/template/toctoccomments_template_reportcomment_email.html
<b>requiredFields</b>	string	Required fields: for the form, comma-separated list of required fields	From, frommail, text
<b>useCaptcha</b>	int	[None=0, captcha extension=1, sr_freecap extension=2] Use captcha: Enable captcha usage. (W)	2
<b>sourceEmail</b>	string	E-mail to send notifications from	
<b>destinationEmail</b>	string	E-mail to send notifications to	

## Theme (->THEME)

All theme options are valid per webpage (W)

Property:	Data type:	Description:	Default:
<b>themeFontFamily</b>	string	Font Family for theme: used for textareas	tahoma,verdana,arial,sans-serif
<b>selectedTheme</b>	string	Selected color theme (CSS): Basic color-palette that is used by the extension in frontend	default  <b>Options</b> Default=default White on Black Theme=black White on Red Theme=red Custom Theme=custom
themeFontFamily	string	Font Family for theme: used for textareas	tahoma,verdana,arial,sans-serif
selectedBoxmodel	string	Boxmodel filename: To apply as Boxmodel on the CSS select an existing boxmdl here, value like myboxmodel.txt	
boxmodelTextareaLineHeight	int+	Textarea height: Height of textareas of forms, 16 - 30.	20
boxmodelTextareaNbrLines	int+	Textarea number of lines: How many lines the textarea contains ? 1 - 6.	1

Property:	Data type:	Description:	Default:
boxmodelSpacing	int+	Boxmodel element x-spacing:Horizontal spacing between elements in the boxmodel, 0 - 10.	4
boxmodelLineHeight	int+	CSS-Line Height:Lineheight in the plugin, 14 - 40.	16
usetheFontFamilyForPlugin	boolean	Use themeFontFamily as font-family for the entire plugin.	1
boxmodelLevelIndent	options	Indent for levels: Indent in fraction of user image size full=1,half=2,third=3]	2
boxmodelLabelWidth	int+	Width of labels, 50 - 200.	134
boxmodelInputFieldSize	int+	Size of Form Input fields, 12 - 40.	35

# Comments and ratings on records of other extensions

Before version 3.1 of *toctoc\_comments* commenting and rating on records was implemented as Prefix-to-table-map and was setup in TS-Configuration.

Now prefix-to-table maps are maintained in TYPO3 table “Plugin to table map”.



You can maintain and add new records in the backend (see also chapter “Changing the folder of static data”)

## When and why is a plugin to table map needed ?

When you want to allow comments or ratings on records, then you can do this with TS-Option `externalPrefix` and a corresponding entry in table “Plugin to table map”-

The records must be shown in a details view page and the parameters used by the extension to display the record must be present as GET-Variables in the URL of the page. (Don't worry if you use nice URLs made with `realURL` or others, it works)

*toctoc\_comments* already includes the “Plugin to table map” for the following 11 extension keys

- `tx_album3x_pil`
- `tx_commerce_pil`
- `tx_irfaq_pil`
- `tx_mininews_pil`
- `tx_ttnews`
- `tt_products`
- `tx_rouge *`
- `tx_wecstaffdirectory_pil`
- `tx_community`
- `tx_cwtcommunity_pil`
- `tx_news_pil`

\* is a variant of `wecstaffdirectory`

## Adding new entries to table “Plugin to table map”

Extension users and authors, who want to enable rating and commenting on their records, may add entries to TYPO3 table “Plugin to table map”.

Here is an example how it should be done:

Make a new record in table “Plugin to table map”.

If your plug-ins extensionkey is `tx_myext_pil` and its records table is `tx_myext_mytable`, then the URL calling your extension will look like this:

```
http://domain.tld/index.php?id=12345&tx_myext_pil[showUid]=67890
```

(Parameter “showUid” is normally set by default extension design)

*toctoc\_comments* will understand that it must refer to `tx_myextmytable` for triggering prefix `tx_myext_pil`.

## Optional URL parameter

Some extensions use names other than “showUid” to refer to a single record. Our extension needs to know the name of this URL parameter to find the record's uid.

### *Why optional ?*

Extensions mostly use “showUid” parameter. If “showUid” is used, there is no need to repeat it in “Plugin to table map”, it will be the default.

With “Optional URL parameter” it is possible to use custom URL parameter with *toctoc\_comments*.

If your extension, for example, uses parameter “newsid” to display it's records, then add “newsid” to the entry concerning your extension in “Plugin to table map” field “Optional URL parameter”.

So if the parameter is “newsid”, the URL looks like this:

```
http://domain.tld/index.php?id=12345&tx_myext_pil[newsid]=67890
```

*toctoc\_comments* will understand that record's uid value is 67890.

## Community extensions

### *community*

You need to create the following "Plugin to table map":

prefix: tx\_community

table: fe\_users

showUid parameter: user

### *cwt\_community*

You need to create the following "Plugin to table map":

prefix: tx\_cwtcommunity\_pil

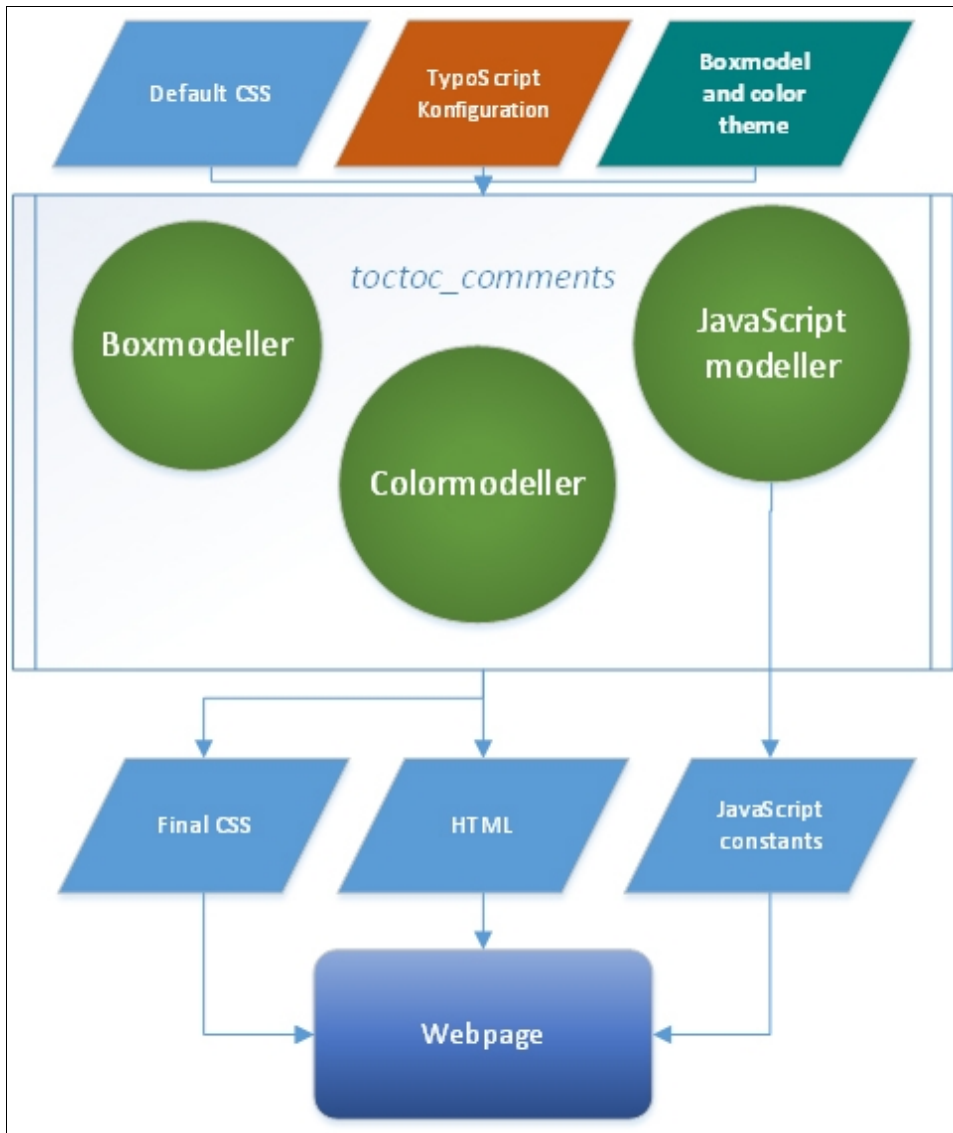
table: fe\_users

showUid parameter: action=getviewprofile&uid

# Designing the plugin

Here we present the best practices for changes of the design of *toctoc\_comments*, you'll find all about CSS customizing with boxmodels, CSS color themes and the TS-Options for the plugin layout in the front end.

The following image shows how *toctoc\_comments* automates design tasks with CSS color themes, boxmodels and TS-Options:



## Overview

By default the extension uses CSS file `res\css\tx-tc30.css`.

As soon as you add TS-options which change the layout a modified version of `res\css\tx-tc30.css` with file name `tx-tc30-system.css` will be generated on plugin run-time in folder `res\css\boxmodels\css`.

These options can be called **system-css options**.

! in `tx-tc30.css` leave existing CSS selectors intact. Leave properties with empty values intact.

```
selector [, selector2, ...] [:pseudo-class] {
```

```

        property: value;
        [property2: value2;
        ...]
    }
    /* comment */

```

These elements are needed as soon system-css options are active.

When you want to change colors used in the plug-in please refer to the chapter in this manual about the **CSS-Color-Themes: 44**

Using a theme and save it to theme with name “work” is the best practice:

- The “work”-theme is never overwritten when updating *toctoc\_comments*
- You keep CSS-colors of the layout in a separated CSS-file.
- You document the colors you use in file theme.txt
- Several examples of color themes are there for learning and customization

If you need to change the font-size, margins, heights, borders and properties like these, then it's best practice to use a **boxmodel**.

Already when you apply system-css options a specific system box-model is used to set up tx-tc30-system.

There are several boxmodels included in folder res/css/boxmodels/.

Selection of a boxmodel is made with TS-option

```

theme {
    SelectedBoxmodel = boxmodel.txt
}

```

## Boxmodels

A box model is a CSS abstraction layer.

It allows to give speaking names to groups of CSS selectors and associated properties.

The properties can be set to new values or to calculated values.

Calculations can be specified with formulas, you can identify property values as variables or use system-css-options.

You can use the following TS-Option as boxmodel-TS-Options:

```
{boxmodelTextareaLineHeight} => theme.boxmodelTextareaLineHeight
{boxmodelTextareaHeight} => theme.boxmodelTextareaLineHeight *
theme.boxmodelTextareaNbrLines
{boxmodelSpacing} => theme.boxmodelSpacing
{boxmodelLineHeight} => theme.boxmodelLineHeight
{boxmodelLineHeightHalf} => round((theme.boxmodelLineHeight-16)/2,0)
{boxmodelSpacingHalf} => round(theme.boxmodelSpacing)/2,0);
{ratingImageWidth} => ratings.ratingImageWidth
{boxmodelInputFieldSize} => theme.boxmodelInputFieldSize
{boxmodelLabelWidth} => theme.boxmodelLabelWidth
```

You can start with boxmodel.txt. It produces more or less the default layout of *toctoc\_comments* – it does not modify `res\css\tx-tc30.css`, try to make and document your changes in a custom `boxmodel.txt` – file and use this for design changes.

Some other classified box models are already there and can either be used as they are, if you like the design associated to it, or you can use them for examples.

## Syntax

Boxmodels are defined in text files and they have a simple syntax.

A boxmodel file consists of blocks of boxmodels which applies CSS-properties on CSS-selectors, optionally with rules how to make values.

A boxmodel block has the following syntax

```
Boxmodel (Identificator for new boxmodel)

Borderradius small used everywhere in the plugin (Which aspect of CSS is handled by this
boxmodel, here you give the element a speaking short description)

CSS (Identificator for CSS of boxmodel)

[+]border-radius: 2px 2px 2px 2px; (border-radius will be set to "2px 2px 2px 2px" if no
Rules are specified, with the optional leading '+' properties can be added to the selector)

[border-radius: {10}px 2px 2px 2px; (if no "Rules" are defined, then {10} will be set to 2.
With "Rules" the variable {10} is defined and will be set by the rule. Variables are in
format {varname})

[CSS] (more CSS sections can be used if no "Rules" are present)

[Rules

{10} = 2 + 3] ({10} will be calculated as 2+3=5. In the evaluation part vaiables can be used
and you have access to some TS-Options values like the line height for example.

Selectors (Identificator for CSS-selectors containing the CSS of the boxmodel)
.tx-tc-ct-box-picturecrop322 img (always full line without { as in the original CSS-File)
.tx-tc-userpic, .tx-tc-userpicf, .tx-tc-avataarpicf, .tx-tc-avataarpic
.txtc_details
.tx-tc-ct-editbutton, .tx-tc-ct-deletobutton, .tx-tc-ct-denotifybutton
.new-selector (if a selector is not found in the original CSS-File, it will be added at the
end of the css file)

*** (End of boxmodel)
```



The input file on which the boxmodel file is applied is the basic CSS-file tx-tc30.css.

The used output file is in sub-folder boxmodels/css.

**Limits:**

CSS properties (and selectors) can't be deleted, the "Boxmodeller" supports only changes to CSS properties and additions of CSS properties and selectors.

The default CSS in tx-tc30.css must be well formatted: A leading space before { and a leading tab before a CSS property are needed.

**Recommended TS-Options for included box models**

Recommended TS-Options for box model boxmodel\_tisqus.txt:

```
UserImageSize = 36
theme {
    selectedTheme = tisqus
    themeFontFamily = "Helvetica Neue",arial,sans-serif
    boxmodelTextareaLineHeight = 24
    boxmodelTextareaNbrLines = 2
    boxmodelLineHeight = 24
    selectedBoxmodel=boxmodel_tisqus.txt
    boxmodelLevelIndent = 1
}
```

Recommended TS-Options for box model boxmodel\_koogle.txt:

```
UserImageSize = 48
ratings {
    ratingImageWidth=19
}
theme {
    selectedTheme = koogle
    themeFontFamily = arial,sans-serif
    boxmodelTextareaLineHeight = 18
    boxmodelTextareaNbrLines = 2
    boxmodelLineHeight = 18
    boxmodelSpacing= 10
    selectedBoxmodel=boxmodel_koogle.txt
    boxmodelLevelIndent = 1
}
```

# Organization of files

## JavaScript

There's one JS File for all the comment- and ratings-specific tasks, it's included in the header of the page automatically from the template.

res/js holds all the js-files for the jQuery-Extensions

For some language-dependent strings and some config-values language-dependent JS files are written and handled during run time.

! Files like tx-tc-de.js or tx-tc-en.js are generated automatically by the extension. They contain language-specific data for use in JavaScript.

## jQuery

**jQuery:** It's up to the programmer who put the extension in your site to link the jQuery-File.

Often jQuery is already used in a site, then you just need to make sure that the version of the jQuery in use is newer than 1.7.

We deliver a working version (1.7.2) in directory /resources if you don't use it already.

**Note:** Lightboxes often use the rel=sometext[index] – syntax in the href tags.

Newer versions of jQuery do not support the [] brackets anymore. To make it work again make the brackets disappear.

! Do not use the present file res/js/jquery.js for the frontend, This version of jquery is used in the backend and it's version is to low for the frontend. Use the jquery in /resouces if you need one in the frontend.

**jQuery tools:** jquery.tools.min.js is present in folder res/js.

## CSS

CSS is used excessively in this extension. CSS files are in directory res/css

For TS-option dependent CSS changes, like when you change the UserImageSize, a specific config-dependent CSS file is handles automatically by the extension.

Fontsizes: CSS works with size-inheritance from the HTML-document, font-sizes are specified in percent (like [font-size: 90%](#);) )

! File tx-tc-conf.css is generated by the extension.

**Themes:** All CSS-selectors for the Plug-ins colors are in sub-directory themes.

Several theme directories are present.

Directory /custom is empty, so you can place your own CSS color theme.

On updates of *toctoc\_comments* the files in /custom won't be overwritten.

## Images

The folders for images used in the frontend are res/images and res/css/themes/nnn/img. (nnn is the name of the theme).

Images used in e-mail templates are in folder res/templates/mailimg.

## Templates

Templates for E-Mail and for HTML-pages generated by eID, the plugins main-template and the template for ratings are in folder res/templates.

## Fonts for the Captchas

Fonts for the 2 internal captcha variants are in folder `pl/fonts`

## Smilies

Smilies can be found in folder `res/smilie`

## Other Extensions adapted for `toctoc_comments`

We included a file with a download link for a modified version of `comments_response` which works with `toctoc_comments` and formerly worked for extension `comments`.

It allows direct comments on comments for admins when approving them from the notification e-mail. The info-file is in folder `directory/resources`.

# Code-Concepts

## Extension architecture

This extension is still build in the classic approach as pil-Extension. It does not use yet Fluid and Extbase, nor a domain model. We're working on that and maybe in a future release the architecture will change.

## AJAX-Events

The plugin handles many AJAX events, some of them are:

- Vote an article or a comment (article stand for what we're commenting on)
- Like an article or a comment
- Dislike an article or a comment
- Delete a comment
- Add a comment
- Check the Captcha
- Set the Captcha
- Browse for older comments
- Hide older comments
- Show user card
- ...

jQuery serves for Sharing, makes the input box for comments “elastic”, creates the usercards and helps to resize the commenting area.

## S\_SESSION-Variables

The extension uses many S\_SESSION variables for program control and performance optimization. It uses a named session.

## Themes

Since version 3.2, the extension uses themes to define the colors used in front end.

Themes are organized in sub folders in folder res\css\themes and they help to make the life of the webpage designer easier. Colors are defined in a text file called theme.txt with records like this:

```
Color required field messages, Recaptcha Labels and Texts: fefefe 010101
Border submit: fefefe 001da0
```

When applying your colors to the plug-in, you must not longer know what selector in CSS belongs to what element in the plug-in - it is all precised in the descriptive first part of the theme-record.

The first part is separated by ':' from the rest of the record.

The second part contains 2 color-codes: the color-code used in the present theme (color 1) and the reference color-code of the default-template (color 0).

```
Description: color1 color0
```

The rules for the fields of the record are

```
<text>:<space><color1><space><color0>
```

## How does toctoc\_comments use themes?

When the plugin is rendered, the current colors according to file **theme.txt** in the themes folder are checked against the content in file **tx-tc30-theme.css** in themes subfolder /css.

For this purpose *toctoc\_comments* picks up the default theme, prepares it according the themes color definitions and only writes the new CSS file of the theme when differences were found.

## Changing a theme

**file /theme/theme.txt:** If you change a color1 in the themes theme.txt file, the changes will trigger an update of file tx-tc30-theme.css in themes subfolder /css.

**file /default/css/tx-tc30-theme.css:** When you add new selectors in tx-tc30-theme.css of the default theme, these additions will be propagated to the other themes. The update happens on first use in the frontend.

This automatism works for every theme, apart from the theme named “custom”.

There is an empty folder in the themes folder for the custom theme.

The custom theme will never be impacted by the theme automatism. Files in the custom folder will never be replaced when you update the extension.

## Red and black theme

We included a **black** and **red** theme as examples for customized themes. Both for sites with white text, either on black or red.

## Developing your theme

Use theme “**work**” for a start. It's a copy of theme default.

Once you're done, copy your files in the custom theme folders.

## TypoScript and themes

Themes can be setup up in TS, but it's an option, as of the first implementation in version 3.2.0., that can't be applied to single plug-in instances, because it's a CSS style sheet which is valid for the entire webpage.


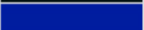


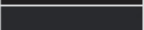


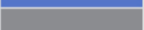
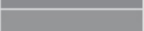
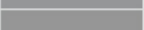
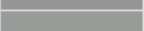
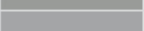
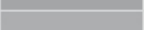
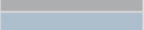
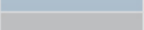


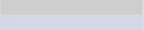





So you can have different themes on different pages.

You can specify themes per User or User group, using User TS or Conditions in general TS setup. Scheduled themes are also possible to realize with conditions in TS.

## Palette of the default theme

It's easy and a good thing to document the colors used in a theme. Below you see the colors used in the default theme.

You can import theme.txt in Excel, make a screenshot and then fill in the colors and workout your colors with Photoshop.

Color required field messages, Recaptcha Labels and Texts	010101	
Border submit	001da0	
Color sr_freecap-clone-Captcha texts	0D0909	
Color Reset button, static iLike-Text	201e1f	
Color Dialog Message	292a2d	
Background Submitbutton	5475C8	
Background Dialogtitel	5475C9	
Border Prev/Next web page preview, Color of voting text, comment count, comment date	8b8c90	
Color Labels	959697	
Border bottom in Userinfo Popups	959695	
Border Recaptcha area	999b99	
Border 3 for textarea	a4a5a7	
Border for highlighting comments	adaeaf	
Border inputs and textarea	adbecc	
Border sharrre, middle area	bdbebf	
Border Recaptcha Textbox, top-border Commentsbrowser	bdc6da	
Border Captcha-image, border reset	bfc0c2	
Border Dialogs	cecece	
Border-top ratings area	d3d8e5	
Tag hr, few borders	d8d8d8	
Many borders, background overlay and admin response	e3e3e3	
Background as Website is, forced for some elements	ffffff	
Color of Submitbutton	fefefd	
Backgroundcolor of inputfields	fdfdff	
Color of inputfields	030303	
Border of Userpics	97b0ee	

# Using AJAX Social Network Components in other extensions

## tt\_news

Comments extension provides 2 custom markers for *tt\_news*.  
The markers do not influence performance of *tt\_news*, if they are not used.

### Comments Count with link to comments on News detail page

This marker is for display of number of comments inside LIST, LATEST or SEARCH views.

Marker is `###TX_COMMENTS_COUNT###`.

By default it will produce the following HTML:

```
<a href="url/to/news/item#tx-toctoc-comments-comments-###UID###" class="tx-toctoc-comments-count">5 comments(s)</span>
```

This HTML can be customized by modifying template supplied with *toctoc\_comments* extension. See `###TTNEWS_COMMENT_COUNT_SUB###` subpart in the template.

*tt\_news* marker is typically included after “more” link.

### Plug-in display

This marker has been introduced with version 3.2.0. The marker is for display of the entire plugin. The configuration for the plug-in is originating from TS, but every option can be overwritten from *tt\_news*-TS setup:

```
plugin.tt_news {
    toctoc_comments {
        ratings {
            useVotes =0
            useDislike =0
        }
    }
}
...
}
```

It works, like the other marker, inside LIST, LATEST or SEARCH views.

Marker is `###TX_TOCTOCCOMMENTS###`.

When using the same comments on a detail and a list/search or latest view, then it's necessary to add the list-view, search or latest page to TS setup option **additionalClearCachePages** or **additionalClearCachePagesLocal**.

If detail page should not be refreshed, then add it as well. There's a little logic which tries to find the detail page and cleans its cache on changed data. But this does not work in every configuration: Only one detail page must exist and the plugin on this page must be set up normally (not injected by TS in TemplaVoila FCE)

## community

In extension *community* it is possible to use *toctoc\_comments* in the user profile page and on the user wall.

The user wall of *tx\_community* still can not be “mixed” with *toctoc\_comments*, but the plugins can be displayed aside.

On the **user profile** *toctoc\_comments* allows new comments only for friends of the user profile owner. Only comments made on the user profile are displayed.

Users who are not friend see the comments on the user profile, but they can not make comments themselves.

You'll need this "Plugin to table map":

```
prefix: tx_community
table: fe_users
showUid parameter: user
```

On the profile page it's needed to run *toctoc\_comments* as USER\_INT-object to avoid caching when changing to another user profile. Set in Page TS-Setup:

```
plugin.tx_toctoccomments_pil = USER_INT
plugin.tx_toctoccomments_pil {
    advanced {
        reverseSorting=1
        invertBrowser=1
    }
    code=FORM,COMMENTS
}
```

The plugin setup just creates a view similar to facebook with the newest posts and commenting form on top

On the **user wall** *toctoc\_comments* allows new comments for all fe\_users. Only comments made from the current user and his friends are shown.

Setting up the plugin on the wall requires the table-to-prefix entry for tx\_community to be set.

Additional configuration option for use on the community wall is this:

```
plugin.tx_toctoccomments_pil {
    advanced {
        wallExtension=1
    }
    ratings {
        disableIpCheck=1
    }
}
```

(IP check disabled is more fun on the wall)

## cwt\_community

For extension *cwt\_community* the same it's the same like for *community*

*cwt\_community* uses same jQuery like *toctoc\_comments*, we recommend, on pages where you use *toctoc\_comments*, to disable jQuery from *cwt\_community* with

```
plugin.tx_cwtcommunity_pil.jquery.enabled=0
```

You'll need this "Plugin to table map":

```
prefix: tx_cwtcommunity_pil
table: fe_users
showUid parameter: action=getviewprofile&uid
```

On the **user wall** configuration option changes to

```
wallExtension=2
```



## Known problems

- Install requires (temporary) deactivation of extensions *dbal*.
- Watermark can fail under IE, sometimes the watermark gets lost.
- Even if capable for HTML5, IE10 Preview fails on file uploads

# Hooks

Since the original version of *toctoc\_comments*, *comments 1.5*, the extension has not been tested with all the hooks *comments 1.5* offered.

*toctoc\_comments* added AJAX functionality, so many hooks that worked in *comments* don't work as it in a AJAX environment.

Also the functions, used by hooks have been moved from `class.toctoc_comments_pil.php` to `toctoc_comment_lib.php`.

In former versions of this manual we listed all these hooks, but as they have not been tested we decided to skip this part for instance.

# Interoperability Overview with other comments-extensions

*toctoc\_comments* can be used as an update to extension *comments*.

With *comments* – there are many of other extensions that implement hooks on *comments* and therefore can't be used in *toctoc\_comments* as they are.

From 18 extensions found

- 13 are obsolete, their functionality is now inside *toctoc\_comments*
- 1 extension can be installed, slightly modified and works with *toctoc\_comments*
- 4 extensions have not yet been tested or the interface in *toctoc\_comments* is not ready for them. The missing functionality – overall – reduces to the possibility to use a gravatar as user image.

## Translating the extension

Translation of the extension happens through TYPO3 translation server. If you do not know what translation server is, read about it [here](#).

End of 2012 and at the release of this manual we encountered problems with the synchronization between translation server and TER. This can happen and will be resolved soon. For a first aid we deploy the language-packs also over our website on [www.toctoc.ch/toctoc\\_comments\\_ll.html](http://www.toctoc.ch/toctoc_comments_ll.html)

A help for translating the xml-file **pil/locallang.xml** is available since version 3.2.0 in the developers manual. (manual developer.swx in folder /doc)

You'll find more info about available translations on [www.toctoc.ch/toctoc\\_comments\\_ll.html](http://www.toctoc.ch/toctoc_comments_ll.html)

## To-Do list

- Video attachments
- Better BE for Comments including Per-User-View, Activity Reports, Dashboard and Ratings-administration
- Gravatar as user image
- Move remaining pics from folder res/img/ to the themes-img-folders.
- Make the boxmodeller delete and add CSS properties, merge the conf-CSS files into the boxmodel CSS files.

TYPO3 Forge: [toctoc\\_comments](#).