

# **novarra**

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**nweb**

version 2.1

**for the Nokia 6600/6620**

## **User's Guide**

**nweb** User's Guide

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# About This Book

**nweb** is your phone's gateway to the Web. **nweb** User's Guide helps you to use **nweb** to visit Web pages. Later, use this User's Guide as a reference for less common tasks, such as changing your home page.

**nweb** User's Guide makes the following assumptions:

- You know how to use the basic functions of your Nokia 6600, such as using the keyboard, entering text, and launching applications.
- You have all the elements you need to connect to the Internet.
- You know how to configure your phone to connect to the internet.

For information about any aspect of your phone, please consult the documentation that came with your phone or your phone service carrier.

**nweb** User's Guide explains the following topics:

- Chapter 2, "Introduction"
- Chapter 3, "Browsing the Web on Your Phone"
- Chapter 4, "Viewing, Adding, Editing and Deleting Favorites"
- Chapter 5, "Finding Web Pages You Recently Visited"
- Chapter 6, "Customizing nweb"
- Chapter 7, "Troubleshooting"





# Introduction

Welcome to **nweb**. Soon you will be connecting to Internet and intranet content throughout your coverage area. **nweb** is easy to use because it works much like the Web browsers you use on your desktop computer. You can enter Web addresses (also called URLs - Uniform Resource Locators), create bookmarks to your favorite pages, and visit pages in your history list. More importantly, **nweb** is designed to be used on the small screen of your phone.

## Phone System Requirements

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**NOTE** Cell phone features, functions and buttons vary between models and manufacturers. You should have knowledge of the use and navigation features of your phone. You should refer to the user documentation provided by the manufacturer or carrier for your phone.

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To run **nweb**, your phone must have the following:

- Java MIDP 2.0
- 6 MB internal memory
- Internet access provide by your carrier.

## Installing **nweb**

1. If not already done, purchase **nweb** by going to [www.novarra.com/nweb](http://www.novarra.com/nweb). Be sure you know your phone's manufacturer and model number, your phone number and your carrier (e.g. Nokia 6600, 8475551212, AT&T). Follow the instructions found on the Web page to purchase **nweb**.
2. After completing your purchase, an SMS message is sent to your phone.
3. From the **Main Menu**, go to the **Inbox**:  
*Messaging → Inbox*
4. From the **Inbox**, highlight the message received and press the center of the **Navigation Joystick**.
5. A page with a link appears. Press the center of the **Navigation Joystick**.
6. *Thanks for your Purchase* appears. Start the downloading:  
*Options → Service options → Download*

7. An **Install nWeb?** confirmation screen appears. Confirm installation:  
**Yes** → **Continue** → **OK**
8. You may get the following message: **Application nWeb is untrusted. Continue anyway?** Select **Yes**.
9. The **Select Memory** screen appears. Select **Ph mem** and then press **OK**.
10. The **Installation** screen with a status bar appears. It may take a minute or two to complete the download. An **Installation Complete** screen will appear and disappear a few seconds after the download is complete.
11. When the **Installation** screen disappears, and you are back to the **Thanks for your Purchase** screen, close the download application:  
**Options** → **Close browser** → **Options** → **Exit**
12. Scroll to the bottom of the **Main Menu** to find the **nweb** icon.

## Starting **nweb**

1. From the phone's main menu, scroll to **nweb** and press the center of the navigation joystick (or **Options** → **Open**) to run.
2. The **nweb** splash screen appears.

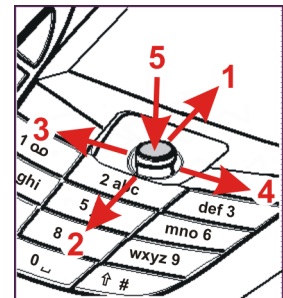
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**NOTE** The rest of the instructions in this User's Guide assume that you are already running **nweb**.

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## Use of the Phone Navigation Joystick

The **Navigation Joystick** on your phone allows you to move around the menus and Web pages in **nweb**. To use, move the joystick up, down, left and right (shown with red arrows 1 to 4).



## Web Page

Pressing the Navigation Joystick left or right moves you one element left or right on a Web page. Pressing it up or down moves you up or down one screen. Press the center of the Navigation Joystick (shown with red arrow 5) to select text fields, dropdown lists, checkboxes and radio buttons. When in text fields, pressing the Navigation Joystick right or left moves one character.

You can change these actions by checking Swap Nav Keys on the Options screen. When this option is selected, pressing the Navigation Joystick up or down moves the cursor one element left or right. Pressing it left or right moves you up or down one page.

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**NOTE** With the Swap Nav Keys option selected, the action of the Navigation Joystick does not change in the Main Menu, popup menus or function screens.

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## Popup Menus

The Options Softkey opens a popup menu containing one or more options. Scroll to a menu item and press the center of the Navigation Joystick or press the Select Softkey to initiate the choice. Press the Cancel Softkey to close the popup menu with no action taken.

## Function Screens

Pressing the Navigation Joystick up or down moves you one line on the function screen. When in text fields, pressing it right or left moves one character. Press the center of the Navigation Joystick to select function screen items, checkboxes and radio buttons.

## What *nweb* Looks Like

This section shows the layout of *nweb* and defines the functions of the various indicators.

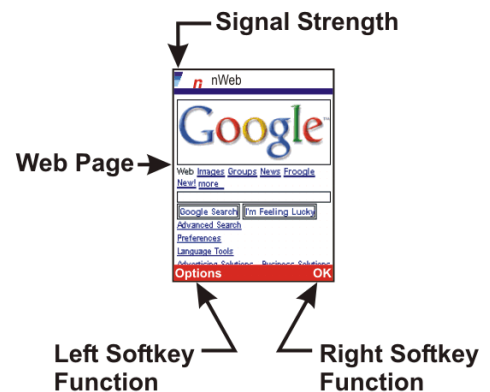
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**NOTE** The “look” (colors, background, etc.) of *nweb* may be different than what is shown in this guide. However, the functions remain the same.

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## Screen Layout

The diagram on the right shows you the layout of *nweb* on your phone.



## Using *nweb* Menus

### Main Menu

The **Main Menu** is the place to go to perform the various functions found in *nweb*.

#### Opening the Main Menu

1. Go to the **Main Menu** by pressing the **Options Softkey** and selecting **Menu**. Press the **Select Softkey** or the center of the **Navigation Joystick**.  
-or-  
Press the **Menu Softkey**.
2. Select the function you want to perform by highlighting the appropriate icon by using the **Navigation Joystick**.




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**NOTE** A grayed out icon means that function is not available.

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3. Use the **OK Softkey** to launch the function, and the **Cancel Softkey** to close the **Main Menu** without performing any actions.

#### Main Menu Shortcuts



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**NOTE** The Main Menu shortcuts only work when on a Web page or the Main Menu.

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*nweb* provides shortcuts to the **Main Menu**. Pressing the assigned key while on a Web page or the **Main Menu** will initiate the function. Example: Pressing the **5 Key** will open the **Address** screen (same as selecting the **Load** icon). The table below shows the various icons and shortcuts for the menu commands.

#### Table of Main Menu Icons, Commands and Shortcuts

Icon	Menu Command	Shortcut Key	Description
	Home	1	Selecting this icon and pressing the <b>OK Softkey</b> takes you to your home page.
	Show Favorites	2	Selecting this icon and pressing the <b>OK Softkey</b> displays the <b>Favorites</b> screen. The screen contains a list of saved Web addresses. See <a href="#">Chapter 4, "Viewing, Adding, Editing and Deleting Favorites"</a> for more information.

Icon	Menu Command	Shortcut Key	Description
	<b>Add To Favorites</b>	<b>3</b>	Saves the current Web address to your <b>Favorites</b> list. Start from the page you want to bookmark and open the <b>Main Menu</b> . Select this icon and press the <b>OK Softkey</b> .
	<b>Back</b>	<b>4</b>	Allows you to return to a page or series of pages that had been previously visited: Open the <b>Main Menu</b> . Select this icon and press the <b>OK Softkey</b> .
	<b>Load</b>	<b>5</b>	Opens the <b>Address:</b> screen where you can enter a Web address. Open the <b>Main Menu</b> . Select this icon and press the <b>OK Softkey</b> . Enter the Web address and press the <b>OK Softkey</b> . More information is found at <a href="#">“Loading a Web Page”</a> on page 15.
	<b>Forward</b>	<b>6</b>	Allows you to return to a page or series of pages that had been visited after the <b>Back</b> function had been used. Open the <b>Main Menu</b> . Select this icon and press the <b>OK Softkey</b> .
	<b>History</b>	<b>7</b>	Selecting this icon and pressing the <b>OK Softkey</b> displays the <b>History</b> screen. The screen contains a list of visited Web addresses. See <a href="#">Chapter 5, “Finding Web Pages You Recently Visited”</a> for more information.
	<b>Refresh</b>	<b>8</b>	Displays an updated (refreshed) version of the current Web page. From the current Web page, open the <b>Main Menu</b> . Select this icon and press the <b>OK Softkey</b> .
	<b>Options</b>	<b>9</b>	Selecting this icon and pressing the <b>OK Softkey</b> displays the <b>Options</b> screen. On this screen, various features can be enabled/disabled and Host address and ports can be entered/changed. See <a href="#">Chapter 6, “Customizing nweb”</a> for more information.
	<b>Help</b>	<b>*</b>	Selecting this icon and pressing the <b>OK Softkey</b> displays the <b>nweb Help</b> page.
	<b>About</b>	<b>0</b>	Selecting this icon and pressing the <b>OK Softkey</b> displays the <b>nweb</b> by Novarra Version page.
	<b>Exit</b>	<b>n/a</b>	Selecting this icon and pressing the <b>OK Softkey</b> takes you out of <b>nweb</b> client and back to the screen from where you launched <b>nweb</b> .

## Using the Left or Right Softkeys to Initiate Commands

When browsing the Web, the bottom line of your phone's display identifies one or more softkeys. These keys are shortcut controls and they correspond to the softkey buttons directly below the phone's display. Depending on where the cursor is present on the Web page, or on a menu, will determine what function the softkeys will perform.

To use, press the corresponding softkey. If an additional popup menu appears when you press the softkey, select the menu options by highlighting the option using the up/down of the **Navigation Joystick** and pressing the center of the **Navigation Joystick** or press the **Select Softkey**.

## Function Screen Softkeys and Menus

The **Options Softkey** opens a popup menu containing one or more options. Scroll to a menu item and press the center of the **Navigation Joystick** or press the **Select Softkey** to initiate the choice. Press the **Cancel Softkey**, which appears when a menu is opened, to close the popup menu with no action taken.

### About Screen Softkeys

Selecting the **About** icon opens the *nweb* by Novarra Version page. This page contains version and copyright information.

Options Softkey	None
<b>OK</b> - Returns you to the previous screen. <b>Exit</b> - The application is closed.	

### Address: Screen Softkeys

Selecting the **Load** icon opens the **Address:** screen. From this screen you can enter and launch the Web address you want to visit. You do not need to enter the protocol if it is http://. However, you must enter other protocols, such as https://. Enter the Web address and press the **OK Softkey**.

Options Softkey	OK Softkey
<b>Cancel</b> - Takes you to the previous screen with no action taken. <b>Exit</b> - The application is closed.	Launches the entered Web address.

### Advanced Options Screen Softkeys

Selecting the Options icon opens the Options screen. Pressing the Options Softkey, selecting Advanced and pressing the Select Softkey opens the Advanced Options screen. From this screen, certain features and options can be changed. If changes are made, press the Options Softkey, select OK and Press the Select Softkey.

Options Softkey	Cancel Softkey
<b>OK</b> - Saves changes to the options and returns you to the previous screen. <b>Exit</b> - The application is closed.	Takes you to the previous screen with no action taken.

### Dropdown List (Multiple-Choice) Softkeys

Options Softkey	Cancel Softkey
<b>OK</b> - Accepts selection(s). <b>Select All</b> - Selects all choices. <b>Deselect All</b> - Deselects all choices. <b>Exit</b> - The application is closed.	Takes you to the previous screen with no action taken.

### Dropdown List (Single-Choice) Softkeys

Options Softkey	Cancel Softkey
<b>OK</b> - Accepts selection. <b>Exit</b> - The application is closed.	Takes you to the previous screen with no action taken.

### Edit Favorite Screen Softkeys

The **Edit Favorite** screen opens when either **Edit Favorite** or **Add** is chosen in the **Favorites** screen **Menu Softkey**. To use, open this screen and edit/add a title for the Web page and the URL (Web address). Press the **Options Softkey** and select **OK**. Press the **Select Softkey**.

Options Softkey	None
<p><b>OK</b> - Saves changes to the favorite and returns you to the Favorite screen.</p> <p><b>Cancel</b> - Takes you to the previous screen with no action taken.</p> <p><b>Exit</b> - The application is closed.</p>	

### Favorites Screen Softkeys

Selecting the **Show Favorites** icon opens the **Favorites** screen. A favorite (bookmark) in **nweb**, does not store the actual page. It stores a reference to the page's Web address (URL). A favorite remains in memory until deleted by the user. To use, open this screen and select the favorite you want to open, edit or delete. Press the **Options Softkey** and select the option you want. Press the **Select Softkey**. Other options are also available.

Options Softkey	None
<p><b>Open</b> - Launches the selected Favorite.</p> <p><b>Edit Favorite</b> - Opens the <b>Edit Favorite</b> screen with the information for the selected favorite.</p> <p><b>Delete</b> - Deletes the selected Favorite.</p> <p><b>Add</b> - Opens the <b>Edit Favorite</b> screen with empty text fields.</p> <p><b>Done</b> - Closes <b>Favorites</b> screen and take you back to the last page.</p> <p><b>Exit</b> - The application is closed.</p>	



### History Screen Softkeys

Selecting the **History** icon opens the **History** screen. The **History** list contains a record of all the pages you recently visited when you used the **Load** or **Click** commands. To use, open this screen and select the Web address you want to open. Press the **Options Softkey** and select **Open**. Press the **Select Softkey**. Other options are also available.

Options Softkey	None
<p><b>Open</b> - Launches the selected Web page in the History list.</p> <p><b>Clear History</b> - Clears all references to Web pages in the History list.</p> <p><b>Done</b> - Closes <b>History</b> screen and take you back to the last page.</p> <p><b>Exit</b> - The application is closed.</p>	

### Main Menu Softkeys

Highlighting a **Main Menu** icon and pressing the **OK Softkey** initiates that function.

Options Softkey	OK Softkey
<p><b>Cancel</b> - Takes you to the previous screen with no action taken.</p> <p><b>Exit</b> - The application is closed.</p>	<p>Activates the selected icon's function.</p>

### Options Screen Softkeys

Selecting the **Options** icon opens the **Options** screen. From this screen, certain features and options can be changed. If changes are made, press the **Options Softkey**, select **OK** and press the **Select Softkey**. To clear the cache used by **nweb**, press the **Options Softkey**, select **Clear Cache**, and press the **Select Softkey**.

Options Softkey	Cancel Softkey
<b>OK</b> - Saves changes to the options and returns you to the previous screen. <b>Reset</b> - Resets all option parameters to their default values. <b>Advanced</b> - Opens the Advanced Options screen <b>Clear Cache</b> - Empties the phone's cache. <b>Exit</b> - The application is closed.	Takes you to the previous screen with no action taken.

### Splash Screen

The **Splash** screen is the first screen to appear when **nweb** is first launched.

Options Softkey	Menu Softkey
<b>Exit</b> - The application is closed.	Opens the <b>Main Menu</b> .

## Web Page Softkeys

Where the cursor is on a Web page or what the page is doing will determine the various Softkey functions.

Options Softkey	(Various) Softkey
<p><b>Done Softkey</b> - Cursor is on an image that was zoomed. Press to return to Web page.</p> <p><b>Menu</b> - Takes you to the Main Menu.</p> <p><b>Zoom</b> - Cursor is on an image that is a link and can be enlarged.</p> <p><b>Exit</b> - The application is closed.</p>	<p><b>Click</b> - Cursor is on a image or text that is also a link to another page. Press to launch that page. The cursor may also be on a button. Press to activate button.</p> <p><b>Get Image</b> - Cursor is on an image that didn't download. Press to download image.</p> <p><b>Menu</b> - Opens the <b>Main Menu</b>.</p> <p><b>Stop</b> - Page is downloading. Press to stop the downloading.</p> <p><b>Submit</b> - Cursor is on an object that is part of a form. Press to submit information.</p> <p><b>Zoom</b> - Cursor is on an image that can be enlarged. Press to enlarge image.</p>



## Clear Key

When on a Web page, the **Clear Key** takes you back to the previous screen. When in a text input box or screen, the **Clear Key** removes one character to the left each time it is pressed. Pressing and holding the Clear Key will erase all the characters in the field.



# Browsing the Web on Your Phone

Just like the Web browser you use on your desktop computer, **nweb** lets you browse the Web on your phone in several ways:


- Visit a Web page by entering its Web address, also called a URL (Uniform Resource Locator).
- Visiting another Web page by selecting a link.
- Go back to the pages you already visited by using the **Back**  and **Forward**  functions.

The following sections describe how to use the browsing features of **nweb**.

- “Loading a Web Page” on page 15
- “Following a Link” on page 16
- “Returning to a Web Page You Just Visited” on page 16
- “Going to Your Home Page” on page 17
- “Stopping the Web Page Download Process” on page 17
- “Refreshing a Page” on page 17
- “Using Passwords” on page 17
- “Interacting with Forms” on page 18
- “Closing nweb” on page 20

## Loading a Web Page

**nweb** allows you to enter a shorter version of a Web address if the protocol is `http://`. An example would be `http://www.google.com` (or `www.google.com`) can be entered just as `google.com` (you can drop the `www` as well). However, you must enter other protocols, such as `https://` (HyperText Transfer Protocol - Secure), the protocol for access to secure Web servers.

1. Go to the **Main Menu** by pressing the **Options Softkey** and selecting **Menu**. Press the **Select Softkey** or the center of the **Navigation Joystick**.  
-or-  
Press the **Menu Softkey**.
2. Select **Load**  and press the **OK Softkey**.
3. On the **Address:** screen, enter the URL you want to visit.

4. Press the **Options Softkey** and select **OK**.
5. Press the **Select Softkey** or the center of the **Navigation Joystick**. The Web page downloads.

## Following a Link

Many Web pages contain links, which are text or images, that when selected take you to another Web page or to another part of the same page. Like many other Web browsers, **nweb** highlights text links by underlining them. An image that is a link can be identified when the image is selected, and the **Click Softkey** appears.

1. Select the image or underlined link by using the **Navigation Joystick**.
2. Press the **Click Softkey**. The linked page downloads.


## Returning to a Web Page You Just Visited

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**NOTE** These features are only enabled when you have visited at least two pages using the **Load** command.

---


### To Go Back to the Last Page You Visited

1. Go to the **Main Menu** by pressing the **Options Softkey** and selecting **Menu**. Press the **Select Softkey** or the center of the **Navigation Joystick**.  
-or-  
Press the **Menu Softkey**.
2. Select **Back**  and press the **OK Softkey**.
3. Repeating this process will continue to take you back until there are no further pages.

### To Go Forward Through the History List

1. Go to the **Main Menu** by pressing the **Options Softkey** and selecting **Menu**. Press the **Select Softkey** or the center of the **Navigation Joystick**.  
-or-  
Press the **Menu Softkey**.
2. Select **Forward**  and press the **OK Softkey**.
3. Repeating this process will continue to take you forward until there are no further pages.

## Going to Your Home Page

1. Go to the **Main Menu** by pressing the **Options Softkey** and selecting **Menu**. Press the **Select Softkey** or the center of the **Navigation Joystick**.  
-or-  
Press the **Menu Softkey**.
2. Select **Home**  and press the **OK Softkey**.

---

**NOTE** See [Chapter 6, “Customizing nweb”](#) for information about changing your Home page.


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## Stopping the Web Page Download Process

If you want to stop the download process, press the **Stop Softkey**. You can make changes to improve the download speed, such as removing images from your Web pages. See [Chapter 6, “Customizing nweb”](#).

## Refreshing a Page

Some Web pages, such as news sites, change frequently. If you visit a page and spend several minutes reading an article, the Web site may change during that time. To make sure you have the latest content, refresh the page.

1. Go to the **Main Menu** by pressing the **Options Softkey** and selecting **Menu**. Press the **Select Softkey** or the center of the **Navigation Joystick**.  
-or-  
Press the **Menu Softkey**.
2. Select **Refresh**  and press the **OK Softkey**.

## Using Passwords

Some Web sites require the use of passwords in order to enter.

1. Go to the Web site you want to enter.
2. Highlight the Sign-In Name (User Name, etc.) field and press the center of the **Navigation Joystick** to enter the input screen for that field.
3. Enter in your information. When complete, press the **Options Softkey**.
4. Select **OK** and press the **Select Softkey** or the center of the **Navigation Joystick**.
5. Navigate to the password field and press the center of the **Navigation Joystick** to enter the input screen for that field.

6. Enter your password. When completed, press the **Options Softkey**.

---

**NOTE** You will only see the letters/numbers for a brief moment and then they turn into asterisks when entering in your password.

---

7. Select **OK** and press the **Select Softkey** or the center of the **Navigation Joystick**.
8. Press the **Submit Softkey** to submit.

---

**NOTE** Make sure you have filled out all required fields before pressing the Submit Softkey.

---

## Interacting with Forms

With **nweb** you can use forms that require user input. Forms contain text fields, text areas, radio buttons, checkboxes and drop-down lists.

### Using Text Fields and Text Areas

1. Use the **Navigation Joystick** and highlight the text field or text area you want and press the center of the **Navigation Joystick** to enter the input screen for that field.
2. Enter in your information. When complete, press the **Options Softkey**.
3. Select **OK** and press the **Select Softkey** or the center of the **Navigation Joystick**. The information is now in the text field/text area.

### Using Radio Buttons and Checkboxes

1. Use the **Navigation Joystick** and highlight the radio button or checkbox you want.
2. To select the radio button or to check/uncheck a checkbox press the center on the **Navigation Joystick**.

### Dropdown Lists

**nweb** displays drop down lists and allows you scroll through the choices. Long lists are broken down and you will find a checkbox with the word *NEXT* at the bottom of the screen. Highlight this checkbox and press the center of the **Navigation Joystick** to go to the next part of the list. A checkbox with the word *PREVIOUS* will be at the top of the screen enabling you to go back through the screens to the beginning of the list.



### Single-Choice Dropdown Lists

1. Use the **Navigation Joystick** and highlight the drop-down list. Press the center of the **Navigation Joystick** to open the list.
2. Select the item you want and press the center of the **Navigation Joystick**. The list closes and your choice appears on the Web page.

### Multiple-Choice Dropdown Lists

1. Use the **Navigation Joystick** and highlight the drop-down list. Press the center of the **Navigation Joystick** to open the list.
2. Select the item on the list you want and press the center of the **Navigation Joystick**. The checkbox to the left of the choice is checked. Repeat for each item you want. To select all the items, press the **Options Softkey**, highlight **Select All**, and press the **Select Softkey**.
3. To deselect an item, highlight a selected item (the checkbox is checked) and press the center of the **Navigation Joystick**. Repeat for each item you want to deselect. To deselect all the items, press the **Options Softkey**, highlight **Deselect All**, and press the **Select Softkey**.
4. When finished selecting/deselecting items, press the **Options Softkey**. Select **OK** and press the **Select Softkey** or the center of the **Navigation Joystick**.

## Submitting Forms

---

**NOTE** Make sure you have filled out all required fields before pressing the Submit Softkey.

---

When you have completed the form, highlight the submit button (the default button, which is usually labeled Submit, Enter, or Go). Press the **Submit Softkey**.

## PUSH Messages

PUSH messages are text messages or Web addresses (URLs) that are sent to **nweb** at the initiative of your carrier. This provides a way for your carrier to send you information and special announcements. These messages are not saved on your phone and would need to be viewed at the time they are sent.

When a PUSH message is sent as an alert, you have the option to view the message (load the URL sent) or to cancel it.

1. The **Push Request** screen appears with the message *Request to Load* (the URL is displayed in this text).
2. To ignore the message, press the **Cancel Softkey**.

3. To view the message/URL, press the **Options Softkey**. Select **Load** and press the **Select Softkey** or the center of the **Navigation Joystick**.
4. The text message, or pushed Web page appears.

## Closing *nweb*

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**NOTE** The End Key takes you out of *nweb* at any time, however it leaves *nweb* running in the background.

---

### Closing *nweb* From any Page or Screen

1. Press the **Options Softkey**.
2. Select **Exit** and press the **Select Softkey** or the center of the **Navigation Joystick**.
3. You are taken out of *nweb* and back to the screen from where you launched.

### Closing *nweb* From the Main Menu

1. Select **Exit**  from the **Main Menu**
2. Press the **OK Softkey**. You are taken out of *nweb* and back to the screen from where you launched.


# Viewing, Adding, Editing and Deleting Favorites

When you read a printed book, you place a bookmark at the page where you stopped reading so that you can remember where you stopped. You can bookmark a Web page, also known as a favorite, for later reference. A favorite in **nweb**, does not store the actual page. It stores a reference to the page's Web address (URL).

This chapter describes the following tasks:


- “Viewing a Favorite” on page 21
- “Adding a Favorite” on page 22
- “Editing a Favorite” on page 23
- “Deleting a Favorite” on page 23

## Viewing a Favorite


1. Go to the **Main Menu** by pressing the **Options Softkey** and selecting **Menu**. Press the **Select Softkey** or the center of the **Navigation Joystick**.  
-or-  
Press the **Menu Softkey**.
2. Select **Show Favorites**  and press the **OK Softkey**.
3. Use the **Navigation Joystick** and select the favorite you want to view.
4. Press the center of the **Navigation Joystick**.  
-or-  
Press the **Options Softkey**. Select **Open** and press the **Select Softkey** or the center of the **Navigation Joystick**.
5. The selected favorite Web page opens.

## Adding a Favorite

### To Add a Favorite from a Loaded Page


1. Go to the Web page you want to add.
2. Open the **Main Menu** by pressing the **Options Softkey** and selecting **Menu**. Press the **Select Softkey** or the center of the **Navigation Joystick**.  
-or-  
Press the **Menu Softkey**.
3. Select **Add To Favorites** . Press the **OK Softkey**. The Web page's address is now saved.

### To Add a Favorite from the Favorites Screen

1. Go to the **Main Menu** by pressing the **Options Softkey** and selecting **Menu**. Press the **Select Softkey** or the center of the **Navigation Joystick**.  
-or-  
Press the **Menu Softkey**.
2. Select **Favorites**  and press the **OK Softkey**. The **Favorites** screen opens.
3. Press the **Options Softkey**. Select **Add** and press the **Select Softkey** or the center of the **Navigation Joystick**. The **Edit Favorite** screen appears.
4. Highlight the **Title** text input box and enter a name to identify the favorite you are entering.
5. Highlight the **URL** text input box and enter the address of the Web page you want to add as a favorite.
6. Press the **Options Softkey**. Select **OK** and press the **Select Softkey** or the center of the **Navigation Joystick**. The new favorite is added to the **Favorites** screen.
7. Press the **Options Softkey**. Select **Done** and press the **Select Softkey** or the center of the **Navigation Joystick**. The last Web page that was loaded is displayed.

## Editing a Favorite

A previously saved favorite's name and address can be changed.


1. Go to the **Main Menu** by pressing the **Options Softkey** and selecting **Menu**. Press the **Select Softkey** or the center of the **Navigation Joystick**.  
-or-  
Press the **Menu Softkey**.
2. Select **Favorites** . Press the **OK Softkey**.
3. The **Favorites** screen opens. Select the name of the favorite you want to edit.
4. Press the **Options Softkey**. Select **Edit Favorite** and press the **Select Softkey** or the center of the **Navigation Joystick**. The **Edit Favorite** screen appears.
5. Highlight the **Title** text input box and change the name of the favorite (if necessary).
6. Highlight the **URL** text input box and change the address of the Web page of the favorite (if necessary).
7. Press the **Options Softkey**. Select **OK** and press the **Select Softkey** or the center of the **Navigation Joystick**. The the **Favorites** screen displays the new name for the favorite (if changed).
8. Press the **Options Softkey**. Select **Done** and press the **Select Softkey** or the center of the **Navigation Joystick**. The last Web page that was loaded is displayed.

## Deleting a Favorite

---



**WARNING** If the **Favorite** is deleted, it cannot be recovered.

---

1. Go to the **Main Menu** by pressing the **Options Softkey** and selecting **Menu**. Press the **Select Softkey** or the center of the **Navigation Joystick**.  
-or-  
Press the **Menu Softkey**.
2. Select **Favorites** . Press the **OK Softkey**.
3. The **Favorites** screen opens. Select the name of the favorite you want to delete.
4. Press the **Options Softkey**. Select **Delete** and press the **Select Softkey** or the center of the **Navigation Joystick**. The favorite is removed from the **Favorites** screen.

5. Press the **Options Softkey**. Select **Done** and press the **Select Softkey** or the center of the **Navigation Joystick**. The last Web page that was loaded is displayed.

# Finding Web Pages You Recently Visited

Using the **Back**  and **Forward**  functions to browse through the pages you recently visited, one page at a time, can be tedious. Instead, use the **History** list to view a list of the pages you visited and go directly to any page in that list.


The **History** list contains a record of all the pages you recently visited when you used the **Load** or **Click** commands.

This chapter describes the following tasks:

- “Returning to a Page in the History List” on page 25
- “Clearing the History” on page 26

## Returning to a Page in the History List

This method allows you to view recently visited pages.

1. Go to the **Main Menu** by pressing the **Options Softkey** and selecting **Menu**. Press the **Select Softkey** or the center of the **Navigation Joystick**.  
-or-  
Press the **Menu Softkey**.
2. Select **History** . Press the **OK Softkey**. The **History** screen opens.
3. Use the **Navigation Joystick** and select the name of the page you want to open.
4. Press the center of the **Navigation Joystick**.  
-or-  
Press the **Options Softkey**. Select **Open** and press the **Select Softkey** or the center of the **Navigation Joystick**.
5. The selected page is loaded.

## Clearing the History


---

**WARNING** If the **History** is cleared, it cannot be recovered. Clearing the list removes all record of your browsing history.

---

If you need to remember the location of a page you recently visited, create a bookmark of that page before clearing the **History** screen. See [Chapter 4](#), “Adding a Favorite”.

If you need to free up memory on your phone, clearing the history screen can help.

1. Go to the **Main Menu** by pressing the **Options Softkey** and selecting **Menu**. Press the **Select Softkey** or the center of the **Navigation Joystick**.  
-or-  
Press the **Menu Softkey**.
2. Select **History** . Press the **OK Softkey**. The **History** screen opens.
3. Press the **Options Softkey**. Select **Clear History** and press the **Select Softkey** or the center of the **Navigation Joystick**. The **History** list is erased.
4. Press the **Options Softkey**. Select **Done** and press the **Select Softkey** or the center of the **Navigation Joystick**. The last Web page that was loaded is displayed.



# Customizing *nweb*


You can change *nweb* to improve the speed, ease-of-use and security of your browsing experience. The options in *nweb* that are configurable are broken down into two sections:

- “The Options Screen - Basic” on page 27
- “The Options Screen - Advanced” on page 31

## The Options Screen - Basic

Basic options are those that the user may change at any time and are primarily for convenience and usage.

### Opening the Options Screen

1. Go to the **Main Menu** by pressing the **Options Softkey** and selecting **Menu**. Press the **Select Softkey** or the center of the **Navigation Joystick**.  
-or-  
Press the **Menu Softkey**.
2. Select **Options** . Press the **OK Softkey**.  
The **Options** screen opens. The options that can be changed are:
  - “Home Page” on page 28
  - “Image Retrieval” on page 28
  - “Image Quality” on page 28
  - “Image Quality” on page 28
  - “Cache” on page 29
  - “Startup” on page 30
  - “Locale” on page 30
  - “Opening the Advanced Screen” on page 31

The following sections assume you have already opened the **Options** screen.

## Home Page

The home page can be the Web site you visit the most, your company's Web page or a special portal page.

1. Highlight the **Home Page** text input box and enter or change the address of the home page.
2. Use the **Navigation Joystick** to go to another option to change  
-or-  
To save your change, press the **Options Softkey**. Select **OK** and press the **Select Softkey** or the center of the **Navigation Joystick**.

## Image Retrieval

The loading of images can be turned off so that Web pages download faster on your phone. The three options for image retrieval are:

- **OFF** - Images are stripped from pages. Placeholders are not displayed.
  - **Manual with placeholders** - Images are not downloaded, but placeholders for those images are present. Selecting the image placeholder with the cursor and pressing the center of the **Navigation Joystick**, or the **Get Image Softkey**, downloads and displays only that image.
  - **ON** - All images are downloaded.
1. Highlight the appropriate radio button (**OFF**, **Manual with placeholders**, or **ON**).
  2. Select the option by pressing the center on the **Navigation Joystick**.
  3. Use the **Navigation Joystick** to go to another option to change  
-or-  
To save your change(s), press the **Options Softkey**. Select **OK** and press the **Select Softkey** or the center of the **Navigation Joystick**.

## Image Quality

The quality of the images displayed can be adjusted. Low quality images require less memory than high ones. With a lower quality image, downloading speed will increase.

1. Highlight the appropriate radio button (**Low** or **High**).
2. Select the option by pressing the center on the **Navigation Joystick**.
3. Use the **Navigation Joystick** to go to another option to change  
-or-  
To save your change(s), press the **Options Softkey**. Select **OK** and press the **Select Softkey** or the center of the **Navigation Joystick**.

## Swap Navigation Keys

There are two options for the actions of **Navigation Joystick** while in Web page:

- The default setting is **Swap Navigation Keys** is unchecked. Pressing the **Navigation Joystick** up or down moves you up or down one page. Pressing it left or right moves the cursor one element left or right.
  - With **Swap Navigation Keys** checked, pressing the **Navigation Joystick** up or down moves the cursor one element left or right. Pressing it left or right moves you up or down one page.
1. Highlight the **Swap Navigation Keys** checkbox. Check/uncheck the option by pressing the center on the **Navigation Joystick**.
  2. Use the **Navigation Joystick** to go to another option to change  
-or-  
To save your change(s), press the **Options Softkey**. Select **OK** and press the **Select Softkey** or the center of the **Navigation Joystick**.

## Cache

Cache is a location in a memory where Web pages you have visited are temporarily stored. When you revisit a page, **nweb** first checks to see if it is in cache and the retrieves it from there. This is much faster than retrieving it from the server. If memory allocated to cache in your phone becomes full, **nweb** discards older pages.

The drawback to cache is that it takes up a portion of memory on your phone and does not make it available to other applications.

To turn the cache on or off:

1. Highlight the **Cache** checkbox.
2. Check/uncheck the option by pressing the center on the **Navigation Joystick**.
3. Use the **Navigation Joystick** to go to another option to change  
-or-  
To save your change(s), press the **Options Softkey**. Select **OK** and press the **Select Softkey** or the center of the **Navigation Joystick**.

## Additional Cache Features

The number of items and how much memory your caches is using is displayed at the bottom of the **Options** screen. Use the **Navigation Joystick** to scroll down to view.

To clear your cache (and free up the memory), go to the **Options** screen and press the **Options Softkey**. Select **Advanced** and press the **Select Softkey** or the center of the **Navigation Joystick**.

## Startup

Startup enables you to set the page that opens when you launch **nweb**. The choices are:

- Home Page - The designated Home Page is loaded.
- Main Menu - The main menu is displayed.
- Favorites - The Favorites screen is displayed.
- Last Page - The last page loaded in the previous session of **nweb** is loaded.

1. Highlight one of the four choices for the Startup.
2. Select the radio button by pressing the center on the **Navigation Joystick**.
3. Use the **Navigation Joystick** to go to another option to change  
-or-  
To save your change(s), press the **Options Softkey**. Select **OK** and press the **Select Softkey** or the center of the **Navigation Joystick**.

## Locale

**nweb** has the ability to display text in one of five languages (English, French, Spanish, German or Italian). When **nweb** is started up for the first time, the phone's language is checked. If the phone language is set to one that is supported by **nweb**, then **nweb** is changed to that language. If **nweb** does not support the phone language, then **nweb** defaults to English.

If you change **nweb**'s language to a language different than what the phone is using, **nweb** then always defaults to that language on subsequent startups.


To set a language:

1. Highlight the appropriated radio button:
  - English
  - French
  - Spanish
  - German
  - Italian
2. Press the center on the **Navigation Joystick**.
3. Use the **Navigation Joystick** to go to another option to change  
-or-  
To save your change(s), press the **Options Softkey**. Select **OK** and press the **Select Softkey** or the center of the **Navigation Joystick**.

## The Options Screen - Advanced

The **Advanced** screen contains information on the **Host Address**, **Host Port** and **Secure Host Port**. These options are not user changeable.

### Opening the Advanced Screen

1. Go to the **Main Menu** by pressing the **Options Softkey** and selecting **Menu**. Press the **Select Softkey** or the center of the **Navigation Joystick**.  
-or-  
Press the **Menu Softkey**.
2. Select **Options** . Press the **OK Softkey**.
3. The **Options** screen opens. Press the **Options Softkey**. Select **Advanced** and press the **Select Softkey** or the center of the **Navigation Joystick**. The **Advanced Options** screen opens.



# Troubleshooting

If your home page or other Web page doesn't load when you open **nweb**, do a little troubleshooting before contacting your carrier. You may be able to fix the problem yourself.

## Poor Signal or No Signal


A coverage strength indicator is located somewhere on your phone. This indicator is not part of **nweb**, but may be visible on the screen when **nweb** is running.

- If the phone is turned on, a number of bars appear to indicate the signal strength. The actual number of potential bars varies between phones. Refer to the documentation for your phone provided by the manufacturer or service provider for the actual number.
- If the phone is out of coverage range, no coverage strength bars appear. If only one or two bars appear, you are in a weak coverage area.

If you are having difficulty connecting to the Internet, check that there is good signal strength (three or more bars). Try moving to another location where more signal strength bars appear.

## Problems After Changing Options

If you encountered problems after making changes in the **Options** or **Advanced** screens, resetting to the default settings may solve your problem. To reset **nweb** to its default values:

1. Go to the **Main Menu** by pressing the **Options Softkey** and selecting **Menu**. Press the **Select Softkey** or the center of the **Navigation Joystick**.  
-or-  
Press the **Menu Softkey**.
2. Select **Options** . Press the **OK Softkey**.
3. Press the **Options Softkey**. Select **Reset** and press the **Select Softkey** or the center of the **Navigation Joystick**.
4. Your settings are changed back to what they were when **nweb** was downloaded to your phone. If you still have problems, contact your carrier.

## Error Conditions

### Home Page does not load when *nweb* is launched

- Make sure the correct address is entered in the **Home Page** text input box in the **Options** screen.
- Make sure **Startup** is set to **Home Page** in the **Options** screen. See “Startup” on page 28 for more information.

### The Navigation Joystick doesn’t work as expected

Check/uncheck the **Swap Nav Keys** checkbox in the **Options** screen and try again. See “Swap Navigation Keys” on page 27.

### The *Unable to Load Page* error message appears

If you consistently see this message with a particular Web page or Web site, your phone may not have enough memory to display it. See “*nweb* Error Messages” on page 36 for more conditions.

## Error Messages

Two types of error messages may appear on your *nweb* screen, standard HTTP messages and *nweb* messages.

- If the message has a code number, it is a standard HTTP error message from the origin Web server – the server identified by the page’s URL. Usually you receive such a message only if the wireless connection is established and the **Wireless Data Server** is working. The problem is probably in the wired Internet or in the server itself. For more information, see [http://www.w3schools.com/html/html\\_httpmessages.asp](http://www.w3schools.com/html/html_httpmessages.asp).
- If the message has no number or appears in a screen titled “Error,” it is an *nweb* message.

Frequently encountered messages of both types are listed below, with suggested remedies.

### HTTP Error Messages

Error	Description	Suggestion
403 Forbidden	The server refuses to fulfill your request to access a file or resource that is restricted.	Contact the webmaster/carrier if you are supposed to have access to the files.



Error	Description	Suggestion
404 Not Found	The server has not found anything matching the URL of your request. The condition may be temporary or permanent.	Check the URL. Contact the webmaster/carrier if the error persists.
406 Not Acceptable	The server can only generate a response that is not accepted by <b>nweb</b> .	Contact the webmaster/carrier.
408 Request Timeout	The request took longer than the server was prepared to wait	Try again at a later time.
410 Gone	The requested page is no longer available.	Check the URL. Contact the webmaster/carrier if the error persists.
415 Unsupported Media Type	The server will not accept the request, because the media type is not supported.	Contact the webmaster/carrier.
500 Internal Server Error	The server encountered an unexpected condition that prevented it from fulfilling your request.	Contact the webmaster/carrier.
502 Bad Gateway	The server, while acting as a gateway or proxy, received an invalid response from the upstream server it accessed in its attempt to fulfill the request.	Contact the webmaster/carrier.
503 Service Unavailable	The request was not completed. The server is temporarily overloading or down	Try again at a later time.
504 Gateway Timeout	The <b>Wireless Data Server</b> did not receive a timely response from the upstream server it accessed in its attempt to complete the request.	Try again at a later time.
505 HTTP Version Not Supported	The server does not support the "http protocol" version	Contact the webmaster/carrier.

**nweb Error Messages**

Error	Cause	Suggestion
Low Memory Detected	Low memory was detected. This usually occurs then the user loads a Web page that is too large to fit in the phones memory.	Nothing can be done. The phone does not have sufficient memory to download that page.
Unable to Load Page, unsupported content type "x"	The page could not be displayed because the client does not support the display of content whose type is <x>	Nothing can be done. The Web page content is not supported by the <b>nweb</b> or the phone.
Unable to load page, unsupported URL protocol.	The URL contains an unsupported protocol.	None
Unable to send request.	An error occurred sending the HTTP request to the server.	Re-request web page. If signal strength is low, move to another location and re-request.
Unable to read response.	An error occurred sending the HTTP request to the server.	Re-request web page. If signal strength is low, move to another location and re-request.
Unable to find host address. Check the name and try again.	<b>nweb</b> was unable to resolve the name of the proxy server.	Check the name of the host address in the Options menu and try again.
Timeout finding the host address.	<b>nweb</b> timed out trying to resolve the name of the proxy server.	Re-request web page. If signal strength is low, move to another location and re-request.
Unable to open secure socket.	<b>nweb</b> could not open a secure socket.	Re-request web page. If signal strength is low, move to another location and re-request.
Unable to establish secure connection to host, secure handshake failed.	The SSL handshake failed.	Verify the host address and try again.
Unable to connect to host.	<b>nweb</b> could not establish a connection to the host.	Re-request web page. If signal strength is low, move to another location and re-request.
Unable to load page, SSL is not supported on this device.	SSL is not supported on the device.	Nothing can be done. SSL is not supported by the phone.

Error	Cause	Suggestion
Unable to load page (HTTP <ddd>)	An error occurred loading a page and the HTTP status code was ddd, where “ddd” is a 3-digit number.	Check the URL and try loading the page again.
Timeout connecting to host.	<b>nweb</b> timed out while connecting to the <b>Wireless Data Server</b> .	Re-request web page. If signal strength is low, move to another location and re-request.
Connection to host refused. Check the name and try again.	The connection to the proxy server was refused.	Check the host address and port in the Options screen and try again.
Unable to establish a network connection. Try again later.	<b>nweb</b> was unable to make a connection to the network.	Re-request web page. If signal strength is low, move to another location and re-request.
Unable to connect to host, no socket available.	<b>nweb</b> could not open a socket.	Re-request web page. If signal strength is low, move to another location and re-request.



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