



# Opera Browser

The Opera Browser application allows you to browse the Internet. To browse the Internet, you must set up the communication method (modem card, LAN card, etc.) and network preferences (For connection method, [see page 167](#)).

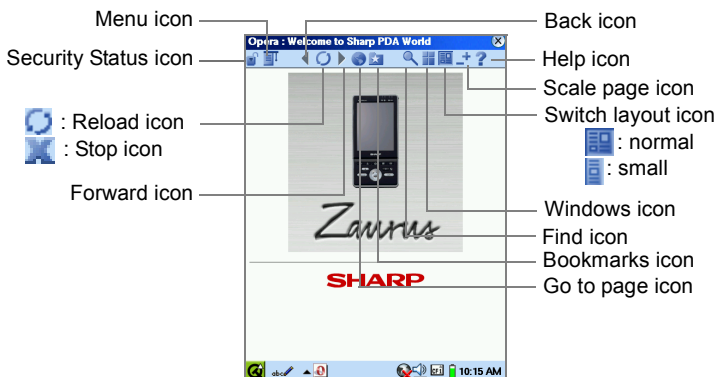
**Note:**



















- *Exiting the application clears the cache without saving it.*
- *Elements of some Web pages (such as fonts, etc.) may not be displayed correctly in this application.*
- *Some large graphics may not be displayed in this application.*
- *This application may take time to open files (pdf files, etc.) which includes many graphics or images.*
- *You can check incoming e-mail messages while browsing Web pages.*

## Overview


### Browsing screen

1. On the Applications Home screen, tap the “Opera Browser” application icon.



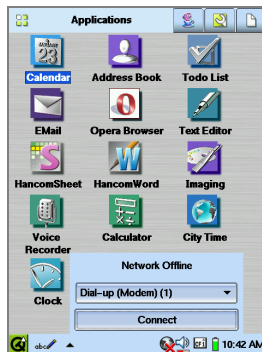
 Security Status icon	Displays security information. If the page you access uses the SSL protocol, etc., the Security Status icon will change to the locked state at a set security level. Tap the icon to display the security level description.
 Menu icon	Displays the Main menu. From this menu you can access the main functions of the Opera Browser.
 Back icon	Returns to the previous page. Tap and hold to display the address list of the recently displayed pages and then tap the desired address to display the page. To close the list, tap the icon again.
 Reload icon  (Stop icon  )	Displays the latest update of the page. When the page data is being downloaded, the Stop icon is displayed. Tap the Stop icon to stop downloading.
 Forward icon	Displays the next page of a series of pages you have already displayed. Tap and hold to display the address list displayed after the current page. To close the list, tap the icon again.
 Go to page icon	Displays a screen for entering a URL or searching for a Web page. To close the screen, tap the icon again.
 Bookmarks icon	Displays the Bookmarks screen to access and manage the bookmarks. To close the screen, tap the icon again.
 Find icon	Tap and hold to display a Find screen for searching for a word or a phrase included in the current page. To search for next, tap the "Find" icon.
 Windows icon	If multiple windows are open, tap to switch open windows. Tap and hold the icon to display the window management screen. To close the screen, tap the icon again.
 Switch layout icon	Tap to switch two types of page layout: normal and small. The selected type reflects the icon.
 Scale page icon	Scales the page up and down. Tap to switch the scale between 100% and the value specified on the Scale page. Tap and hold the icon to display the Scale page. The Scale page closes after you select the desired value.
 Help icon	Displays online help. Tap  to close.
Main menu [M]	
 Open local file	Displays a file list stored in the Zaurus or on a memory card. Tap a file to open it using the Opera Browser.
Navigation	
 Back [Z]	Returns to the previous page.
 Back History [H]	Displays the list of the pages displayed before the current page. Tap the desired page to display.

Reload [R]	Displays the latest update of the page.
Forward [X]	Displays the next page of a series of pages you have already displayed.
Forward History [N]	Displays the list of the pages displayed after the current page. Tap the desired page to display.
Go to page [G]	Displays a screen for entering a URL or searching for a Web page.
Search the web	Displays a screen for entering a URL or searching for a Web page.
Bookmarks [B]	Displays the Bookmarks screen to access and manage the bookmarks.
Home	Returns to the homepage set in the Preferences screen.
Find in page [F]	Displays a Find screen for searching for a word or a phrase included in the current page.
Find next	Searches for the same word or phrase again.
<b>Windows [W]</b>	
Window list	Displays the window management screen.
Switch to next	If multiple windows are open, switches open windows. When only one window is open, displays the window management screen.
New window	Opens a new empty window on the current open window.
Save current	Saves the current page in the Zaurus or on the memory card. To open the page, use the "Open local file" menu.
Full screen [shift+return]	Displays the current page in full screen. To return to the normal screen, press Shift+Return on the hardware keyboard.
Close current	Closes the current page.
Close others	Closes all pages other than the current active page.
Close all	Closes all open pages.
<b>Viewing</b>	
Full screen [shift+return]	Displays the current page in full screen. To return to the normal screen, press Shift+Return on the hardware keyboard.
Toggle small screen layout [L]	Switches the screen layout between normal and small ( <a href="#">See page 75</a> ).
Scale page [S]	Displays the Scale page to scale the page up and down.
Toggle scaling	Switches the screen layout between normal and the size specified on the Scale page screen.



Preferences [P]	
General	Displays the screen for setting up the General preferences (homepage address, etc.).
Security	Displays the screen for setting up the Security preferences (cookies, etc.).
File types	Displays the screen for setting up the preferences for file types (MIME, etc.).
Help	Displays online help. Tap  to close.
Exit	Exits the Opera Browser application.

## Browsing Internet pages

1. Perform steps 1 to 2 in “Connecting to /disconnecting from the Network” (see [page 196](#)) to establish the connection to the network.



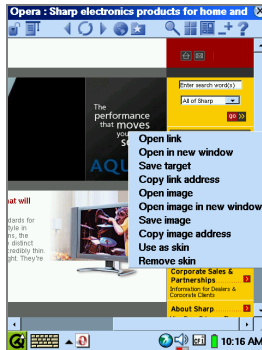
2. On the Applications Home screen, tap the “Opera Browser” application icon. The Opera Browser opens to display the Browsing Home screen.

While the application is receiving the data, the elapsed time, etc. is displayed under the menu bar and the Stop icon () is displayed instead of the Reload icon ()

## Saving Web Contents

1. Tap and hold an image on the page to initiate a pop up menu.
2. Save or open the image, copy the image URL, etc. by selecting the menu command in the menu.

Tap and hold a link to pop up the link context menu, allowing you to save the link's context directly to a file, etc., by selecting the menu command in the menu.



## Opening the specified Web page

1. Tap the Go to page icon (🌐).  
The Go to page screen will be displayed.



2. Enter the desired Web page address.
3. Tap “Go to page”.  
The specified Web page will be displayed.

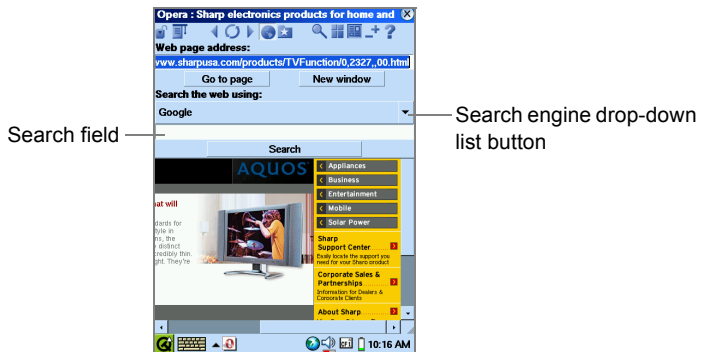
**Note:**

- Entering “www” or “.com” in the Web page address field can be omitted.
- To display the Web page on a new window, tap “New window” in step 3.

## Using the Web Search function

Search allows you to find information using the search engine you select.

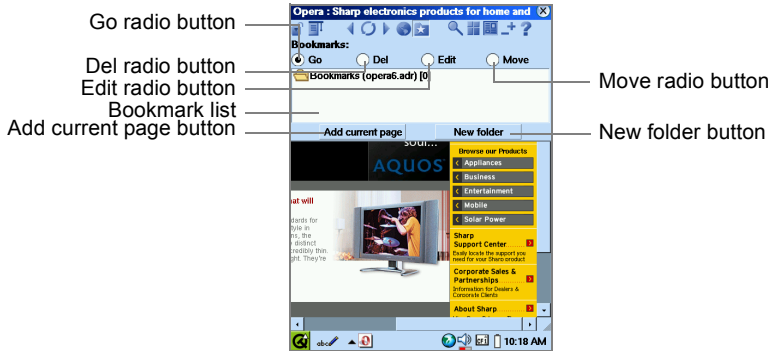
1. Tap the Go to page icon (🌐).  
The Go to page screen will be displayed.



2. Tap the Search engine drop-down list button and then tap the desired search engine.
3. Enter the information you want to search for in the Search field.
4. Tap “Search” or press the **OK** key.  
The search result will be displayed.

# Using bookmarks

1. Tap the Bookmarks icon (★).  
The Bookmarks screen will be displayed.

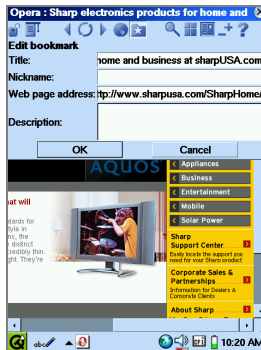


Go radio button	Displays the page selected in the bookmark list.
Del radio button	Deletes the bookmark selected in the bookmark list.
Edit radio button	Displays the Edit Bookmark screen.
Move radio button	Allows you to change the order by dragging the item in the Bookmark list.
Bookmark list	Lists all the addresses you have registered (bookmarked).
Add current page button	Tap to register the Web page address currently displayed in the bookmark list.
New folder button	Tap to create a new folder in the bookmark list.

## Registering the Web page address in the bookmark list

1. Display the Web page you want to register in the bookmark list.
2. Tap the Bookmarks icon (★).
3. On the Bookmarks screen, tap "Add current page".

The Edit bookmark screen will be displayed.



Web page address field will contain the address of the latest successfully loaded Web page.

4. Modify the bookmark title and Web page address, etc. and then tap “OK”.  
The registered Web page will be added to the bookmark list.

## Displaying the bookmarked page using bookmarks

1. On the Bookmarks screen, tap the “Go” radio button and tap the desired bookmark.  
The selected Web page will be displayed.

## Deleting bookmarks

1. On the Bookmarks screen, tap the “Del” radio button and then tap the desired bookmark.  
A confirmation message appears.
2. Tap “Yes” to delete the bookmark.

## Editing bookmarks

1. On the Bookmarks screen, tap the “Edit” radio button and then tap the bookmark you want to edit.  
The Edit bookmark screen will be displayed.
2. Make the necessary edits and then tap “OK” to save the modification(s).  
If you tap “Cancel”, the modification is canceled.

## Changing the bookmark order

1. On the Bookmarks screen, tap the “Move” radio button.
2. Drag the selected bookmark up or down the Bookmark list to the desired position.

## Creating a new folder in the bookmark list

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1. On the Bookmarks screen, tap “New folder”.  
The Edit folder screen appears.
2. Enter the folder title, etc.
3. Tap “OK” to save.

A new folder appears in the bookmark list.

To open the folder, tap the “Go” radio button and then tap the folder. Tap it again to close.

**Note:** To register or move bookmarks in the folder, leave the folder open.

## Saving the current page and viewing it offline

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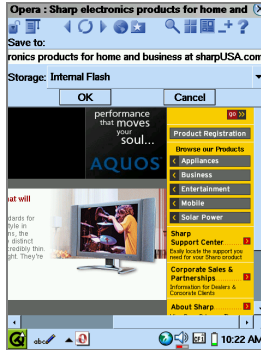
1. Open the page you want to save.
  2. Tap the “Menu” icon and then tap “Windows” to select “Window list”.
- Or tap and hold the “Windows” icon.

The Window list screen will appear.



Windows icon

- On the Window list screen, tap “Save current”.  
The screen for entering the destination and file name appears.  
The “Save to” field displays the default file name.



- If desired, modify the file name and then tap the “Storage” drop-down list button to change the destination.
- Tap “OK” to save the current page.
- Tap the Connection status icon (🌐) on the taskbar and disconnect the line.
- Tap the “Menu” icon and then tap “Open local file”.  
The screen that lists the saved page file will be displayed.
- Tap the desired file name.  
The file will be displayed.

**Note:** *The pages will be saved in the Internal Flash memory (or memory card).  
You can duplicate and delete the file from the Files Home screen.*

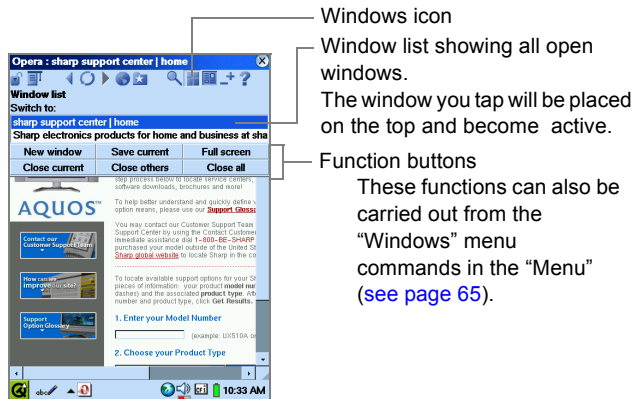
## Managing the window

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In Opera Browser, you may open multiple windows at the same time, although you can only view one active window at a time. The Window list screen helps you to manage open windows.

- Tap the “Menu” icon and then tap “Windows” to select “Window list”.  
Or tap and hold the “Windows” icon.

The Window list screen appears.



Windows icon

Window list showing all open windows.

The window you tap will be placed on the top and become active.

Function buttons

These functions can also be carried out from the “Windows” menu commands in the “Menu” (see page 65).

## Opening a new empty window

1. On the Window list screen, tap “New window”.

A new empty window will be opened in a new open window.

**Note:** To open a new window by specifying the Web page address, tap the “Go to page” icon and specify the Web address (see page 67).

## Switching open windows

1. Tap the Web page name on the Window list screen.  
The selected window appears on the current screen.

**Note:** By tapping the Windows icon  on the Menu bar the active window will be switched.

## Saving the current page

1. On the Window list screen, tap “Save current”.  
The screen for entering the destination and file name appears.  
The “Save to” field has the default file name.
2. If desired, modify the file name and then tap the “Storage” drop-down list button to change the destination.
3. Tap “OK” to save the current page.

**Note:** You can display the saved page offline. For details see page 71.

## Displaying the current window on the full screen

1. On the Window list screen, tap “Full screen”.

The current window will be displayed in the full screen.

### **Note:**

- To return to the normal screen, press Shift (⇧) + Return (↵) on the hardware keyboard.
- You can tap the “Menu” icon and then tap “Viewing” to select “Full screen” to display the window in full screen.

## Closing window(s)

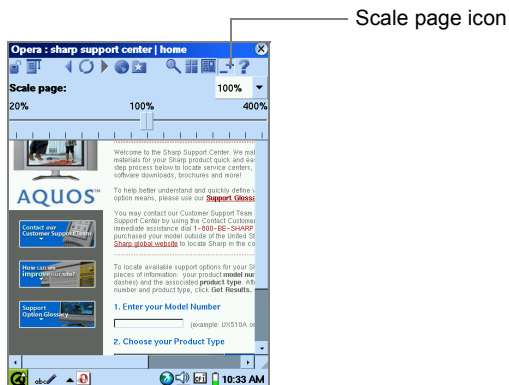
1. On the Window list screen, tap the desired Close button (Close current, Close others, Close all).

The selected window(s) will be closed.

## Magnifying or reducing the page

1. Tap the “Menu” icon and then tap “Viewing” to select “Scale page”.  
Or tap and hold the “Scale page” icon.

The Scale page screen appears.



2. Adjust the slide bar with a stylus or select the value by tapping the upper right button.

The page will be magnified or reduced.

## Switching the scaling of the page

1. Tap the “Menu” icon and then tap “Viewing” to select “Toggle scaling”.  
Or tap the “Scale page” icon.

The page view switches between 100% and the selected scaled value.

Repeating step 1 toggles the page view.

## Switching the Screen layout

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Opera Browser has two types of layout: Traditional (normal screen) layout and Content column (small screen) layout. Traditional layout looks like a normal Web page on a PC and the Content column layout is designed for a small display and for more optimized connection.

1. Tap the “Menu” icon and then tap “Viewing” to select “Toggle small screen layout”.

Or tap the “Switch layout” icon ( or .

The page layout switches between normal and small.

Repeating step 1 toggles the page layout.

**Note:** *The “Switch layout” icon on the Menu bar switches its design for the selected layout.*

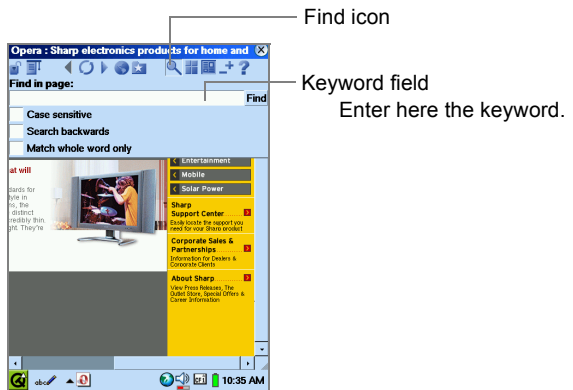
## Searching for a word or phrase on the current page

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You can search for a word or a phrase in the current open page. If the selection is found, it will be highlighted.

1. Tap the “Menu” icon and then tap “Find in page”.  
Or tap and hold the “Find” icon.

The Find screen appears.



**2.** Enter the keyword in the keyword field.

Place the checkmark on the desired Find option.

**3.** Tap “Find” to start searching.

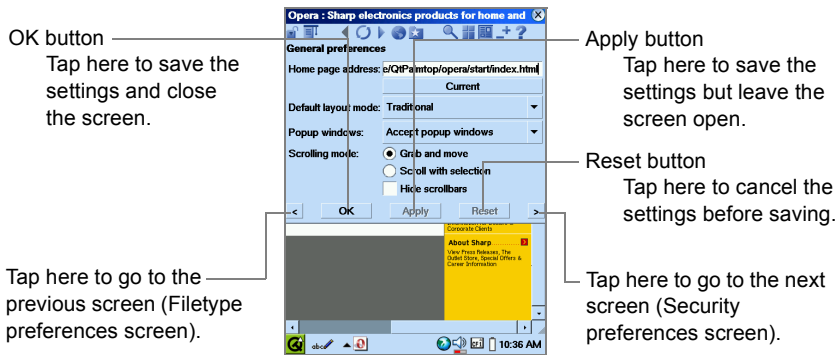
If the selection is found, it will be highlighted.

Tap the “Find” icon (or tap the “Menu” icon and then tap “Find next”) to find the next occurrence.



# Setting the Opera Browser

## Setting the General preferences

1. Tap the “Menu” icon and then tap “Preferences” to select “General”.  
The General preferences screen appears.



2. Select or enter the necessary items.

Home page address	Enter the address of the homepage you want to open when you launch the Opera Browser. Tapping “Current” registers the current page as the homepage.
Default layout mode	Select how the Web page is displayed. Select the type of layout and whether or not the page shows the embedded images or not (Traditional - no images, Content column - no images). Traditional layout looks like a normal Web page on a PC. Content column layout is simply designed for a small display. Tapping the Switch layout icon on the Menu bar (  or  ) also switches these layout modes.
Popup windows	Select to either accept or refuse popup windows, or to open them in the background. Popups opened in the background will be added to the window list.
Scrolling mode	Select the default to either “Grab and move” (the page will move with the stylus), or “Scroll with selection” (the page scrolls in the opposite direction when the stylus moves off the page edge).
Hide scrollbars	When checked, hides scrollbars to increase the viewing area.

## Notes on the Popup window

When “Accept popup windows” is selected, a full screen popup window will open on the Web page.

The following popup control dialog box also will be displayed in the popup window.



OK	Tap to accept the popup window.
Hide	Tap to keep the popup window in the background. The popup window is added to the window list.
Discard	Tap to close the popup window.

The popup control dialog box will close after a few seconds, without tapping any buttons. The popup windows can be closed from the window list later.

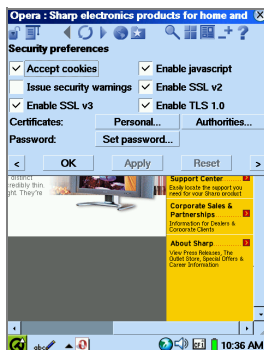
- Tap “Apply” to save the settings.  
If you tap “Reset” instead, the settings are canceled.
- Tap “OK” to close the General preferences screen.

**Note:** Once you tap the “Apply” and “Reset” buttons, they will be dimmed.

## Setting the Security preferences

The Security preferences screen manages your certifications and security protocols for accessing the Web pages on the Internet. Opera Browser also issues security warning messages. You do not need to change the default settings unless you are an advanced user with special needs and technical understanding for security settings.

- Tap the “Menu” icon and then tap “Preferences” to select “Security”.  
The Security preferences screen appears.



**2.** Enter and select the necessary items.

Accept cookies	When checked, only the information you entered or selected on the Web page will be saved. The cookie will be sent back the next time when the Zaurus browses the same Web page.
Enable javascript	Tap to activate the Javascript. (ECMAScript)
Issue security warnings	Tap to display a warning message when you move between the safe and unsafe Web site.
Enable SSL v2	Tap to enable the SSL v2 option.
Enable SSL v3	Tap to enable the SSL v3 option.
Enable TLS 1.0	Tap to enable the TLS 1.0 option.
Certificates	
Personal/ Authorities	Personal certificates are used to identify you as the genuine user of your secure Web services, while certificate authorities are used to certify a Web service as secure for you to use. Most certificate authorities you will ever need are pre-installed with Opera Browser, and personal certificates are automatically installed when required by a secure Web site. These settings are here should you want to delete or fine-tune your certificates. To view the list of personal certificates, tap "Personal...". To view the list of authorities, tap "Authorities...". Tap "Import" to import a certificate from a local file. Tap "Export" to export to a local file. Tap "OK" to save the settings.
Password	
Set password	Register the password to use the certificate options. The password prevents the certificate you set up from unauthorized use.

- SSL: Security Socket Layer is a protocol that is used to communicate over the encrypted connection, and to authenticate none, one or both of the participants.
- TLS: Transport Layer Security is successor of SSL, and offers up to 128 bit encryption. The actual strength of the encryption varies depending on the Web site.

**3.** Tap "Apply" to save the settings.

If you tap "Reset" instead, the settings are canceled.

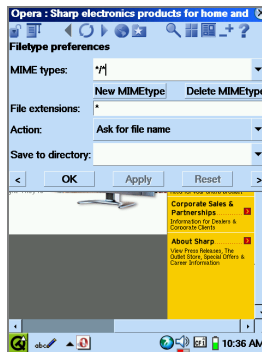
**4.** Tap "OK" to close the Security preferences screen.

**Note:** Once you tap the "Apply" and "Reset" buttons, they will be dimmed.

## Setting the Filetype preferences

Opera Browser directly handles certain files, such as Web page documents. Others are passed on to plug-ins and external applications, or just saved on your PC. The Filetype preferences let you control Opera Browser's behavior when it encounters different file types.

1. Tap the "Menu" icon and then tap "Preferences" to select "File types".  
The Filetype preferences screen appears.



2. Select or enter the necessary items.

MIME types	Select or enter the MIME type you want to assign an action to.
New MIME type	Adds a new MIME type to the drop-down list.
Delete MIME type	Deletes a MIME type from the drop-down list.
File extensions	Enter the file extension associated with the MIME type. You can specify multiple extensions by inserting a comma. (example: jpeg, jpg, jpe)

Action	Tap the drop-down list to select how Opera Browser operates when you click on the links embedded in the page.
Open in browser	Opens the file using Opera Browser. Opera Browser can display text, certain markup languages, images and video formats. Be sure that Opera Browser can display a certain file type before choosing this setting.
Ask for file name	Opera Browser asks you to enter a name and save the page to the Zaurus.
Automatic download	Opera Browser downloads and saves the page to the Zaurus with its original file name.
Open with other application	Opera Browser asks you to choose the application to use to view the file.
Open with plugin	Opera Browser asks you to choose the plugin type you want to use to view the file. Use the default setting for normal use.

3. Tap “Apply” to save the settings.  
If you tap “Reset” instead, the settings are canceled.
4. Tap “OK” to close the Filetype preferences screen.

**Note:** *Once you tap the “Apply” and “Reset” buttons, they will be dimmed.*

# Keyboard shortcuts

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Use the following single key or combination key shortcuts from the hardware keyboard:

- Shift+ cursor: Scrolls pages to one of the indicated directions.
- Shift+Return: Toggles view mode between normal and full screen.
- M: Pops up the main menu.
- Z: Goes to the page viewed before the current page.
- X: Goes to the page viewed after the current page.
- H: Displays the list of the pages displayed before the current page.
- N: Displays the list of the pages displayed after the current page.
- G: Displays the Go to page screen.
- B: Displays the Bookmarks screen.
- F: Displays the Find screen.
- W: Displays the Window list screen.
- S: Displays the Scale page screen.
- L: Switches the layout mode between normal and small.
- P: Displays the Preferences (General) screen.
- A: Focuses the next link in the current page.
- Q: Focuses the previous link in the current page.
- R: Displays the latest update of the page.