



viewONE

Version 2.0

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Email: info@daeja.com
Web site: <http://www.daeja.com>

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Introduction

viewONE is a Java applet that extends your web browser so that you can view, zoom, magnify, scroll, pan, rotate and print your images and image documents quickly and easily.

We have worked hard to ensure you get the best performance, most reliable and most easy to use image viewer for your Java and Web environment. If you feel we can do more, please send us your comments.

This document is the user manual for the viewONE Java Applet.

For further information about viewONE please consult the following documents...

- Applet HTML Manual
- Applet JavaScript Manual
- Applet Annotations User Manual
- Applet Annotations Configuration Manual
- or our web site at www.daeja.com



Features

viewONE includes the following features:

- *Easy to use user interface with toolbars, menus, thumbnails, mouse and keyboard facilities and high resolution printing (all versions include English, French and German translations)*
- *Support for large documents using multi-page TIFF files or separate files for each page of any of the supported file formats (10,000+ pages)*
- *High performance decompression and anti-aliasing algorithms for displaying monochrome images quickly and clearly*
- *High performance decompression and display for 4, 8 and 24 bit color images*
- *Memory and file caching for fluid document browsing*
- *Multi-threaded design allowing many operations to be performed quickly and easily*
- *Comprehensive HTML and JavaScript API for Web designers*
- *Support for the following file and image formats...*

TIFF 6.0:

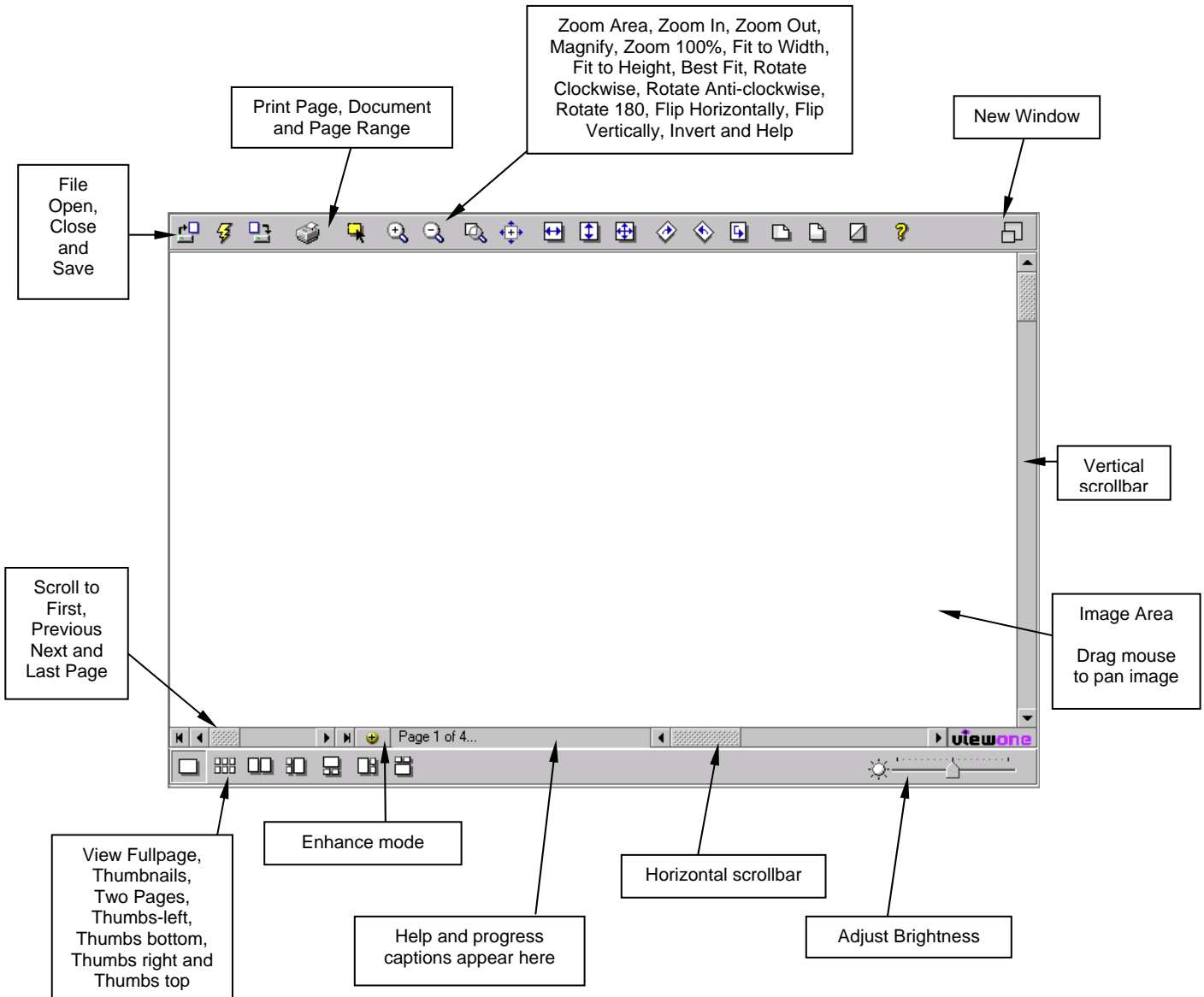
mono FAX Group III, FAX Group IV, Packbits, uncompressed;
color (4, 8 and 24 bit) Packbits, uncompressed.

BMP: Windows and OS2, RLE4, RLE8 and RGB/uncompressed.

JPEG, FileNet (banded FAX Group III and FileNet uncompressed)

- *Automatic user installation and upgrades simply by visiting a web page containing viewONE.*

The User interface





Toolbars

File buttons

The file buttons (in the top toolbar)

Open, Close, Save.



Open

Displays an open file dialog from which you can select an image/document file. If you click this button while holding the shift-key down or using mouse button 2/3, then an open URL dialog is displayed to allow an internet address of an image/document file to be entered.

When viewONE is used on a web site there is normally no need to select a file because a document would be loaded automatically when the web page is visited.



Close

Closes the currently open document and releases resources held by that document.



Save

Displays a save file dialog from which you can select an image/document file to save the currently loaded document. This button is available only when the current document is a single file (single image file or multi-page TIFF file). Documents which are loaded using separate files for each page cannot currently be saved to local disk.

Print button

The "Print" button (in the top toolbar)

Print



Print

The "Print" button displays a print dialog from which you can select a printer to print the current document. When this button is clicked while holding the shift-key the print operation will print the current page only of a multi-page document (additional print options are available using menus).

Image buttons

The image buttons (in the top toolbar)

Zoom area, Zoom in, Zoom out, Magnify, Fit to width, Fit to height, Best fit, Rotate clockwise, Rotate anti-clockwise, Rotate 180, Flip horizontally, Flip vertically and Invert.



Zoom Area

The “Zoom area” button changes the mouse pointer to a cross and allows a rectangle to be selected for zooming. When the mouse is released, the selected area is zoomed to fill the display area.

To return the mouse pointer to the “panning mode”, re-click this button.



Zoom In

The “Zoom in” button zooms the current page by an additional 25% each time it is pressed. When the page is zoomed so that it no longer fits into the display area then scrollbars will automatically appear.



Zoom out

The “Zoom out” button decreases the zoom 25% each time it is pressed



Magnify

Displays a magnify window to allow selected areas of the current page to be magnified. If you use the right-mouse button to click on this button then the magnifier window will be displayed internal to the viewer.



Zoom 100%

The “Zoom 100%” button displays the page at full resolution. When the page is zoomed so that it no longer fits into the display area then scrollbars will automatically appear.



Fit to Height

The “Fit to height” button scales the current page so that the page height matches the display area height. If this results in the page width being larger than the display area width then a horizontal scrollbar will automatically appear.



Best Fit

The “Best fit” button scales the current page so that the whole page is visible in the display area. This mode is selected by default (when the applet is started).



Rotate Clockwise

The “Rotate clockwise” button rotates the current page and thumbnail by 90 degrees each time it is pressed.



Rotate Anticlockwise

The “Rotate anticlockwise” button rotates the current page and thumbnail by 90 degrees anti-clockwise each time it is pressed.



Rotate 180

The “Rotate 180” button rotates the current page and thumbnail by 180 degrees each time it is pressed.



Flip Horizontal

The “Flip horizontal” button flips the current page and thumbnail horizontally. Re-clicking this button restores the page.



Flip Vertical

The “Flip vertical” button flips the current page and thumbnail vertically. Re-clicking this button restores the page.



Invert

The “Invert” button inverts the colors used to display the current page and thumbnail. Re-clicking this button restores the page.

Help button

The “Help” button (in the top toolbar):



Help

The “Help” button typically causes a separate browser window to open containing the user help manual; however, the specific way in which this button works is configurable and so may differ between implementations.

New window button

The “New window” button (in the top toolbar):



New Window

The “New window” button creates a new window that will also contain the current document. This window is useful when viewONE is used on a web site that does not permit the display area to be resized or is perhaps too small. The new window includes all the normal buttons and menus.

Page buttons

The page buttons (in the statusbar) appear only for multi-page documents:

First page, previous page, next page, last page and a drag bar for page selection.



First Page

The “First page” button displays the first page of the document.

Previous Page

The “Previous page” button displays the previous page of the document. This button only functions when the current page is two or greater.

Next Page

The “Next page” button displays the next page of the document. This button only functions when the current page is not the last page.

Last Page

The “Last page” button changes the page to the last page of the document.

Drag Bar

The drag bar allows an individual page to be selected. As the bar is dragged, the caption in the statusbar will indicate which page will be selected when the bar is released.

Enhance button

The “Enhance” button (in the statusbar):

Enhance.



Enhance

When pressed, viewONE changes the anti-aliasing mode being used to display images. Anti-aliasing is an algorithm that enhances the readability of an image that would otherwise be degraded as it is reduced to fit the display area.

viewONE has five different anti-aliasing modes. The symbol in the center of the button indicates which mode is in use...

<i>Symbol</i>	<i>Mode</i>	<i>Description</i>
1	Weighted	Produces a crisper image where text is being used.
2	Non-weighted	Is better suited to images that have diagrams.
3	Preserve black	Uses a preserve black algorithm, which can be useful for displaying fine lines.
0	Off	Anti-aliasing is disabled.
+	Automatic	In this mode viewONE decides which algorithm best suites the image currently being displayed.

viewONE remembers your preference and will use it next time you use the viewer.

View buttons

The view buttons (in the lower toolbar):

Fullpage, Thumbnails, Two-page, Thumbs-left, Thumbs-bottom, Thumbs-right, Thumbs-top.



Full Page

When the “Fullpage” button is selected, a single view of the current page is displayed.



Thumbnails

When the “Thumbnails” button is selected, a view of the thumbnails is displayed with as many thumbnails as will fit in the available area.



Two Page

When the “Two-page” button is selected, two pages are displayed.



Thumbs Left

When the “Thumbs-left” button is selected, thumbnails are displayed to the left of the page.



Thumbs Bottom

When the “Thumbs-bottom” button is selected, thumbnails are displayed at the bottom of the page.



Thumbs Right

When the “Thumbs-right” button is selected, thumbnails are displayed to the right of the page.



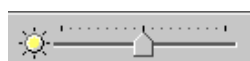
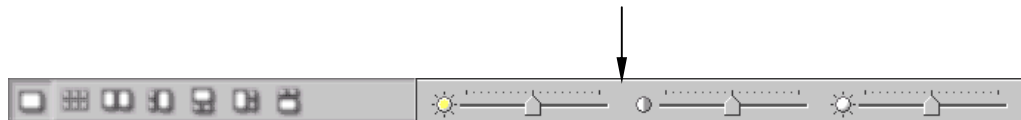
Thumbs Top

When the “Thumbs-top” button is selected, thumbnails are displayed at the top of the page.

Adjust bars

All, some or none of these bars may be visible depending on the applet's configuration parameters. The adjust bars (in the lower toolbar):

Adjust Luminance, Adjust Contrast, Adjust Brightness.



Adjust Luminance

When the "Luminance" scrollbar is moved, the luminance properties of the display are altered. When the icon at the end of the bar is clicked, the scrollbar goes to its center.



Adjust Contrast

When the "Contrast" scrollbar is moved, the contrast properties of the display are altered. When the icon at the end of the bar is clicked, the scrollbar goes to its center.



Adjust Brightness

When the "Brightness" scrollbar is moved, the brightness properties of the display are altered. When the icon at the end of the bar is clicked, the scrollbar goes to its center.



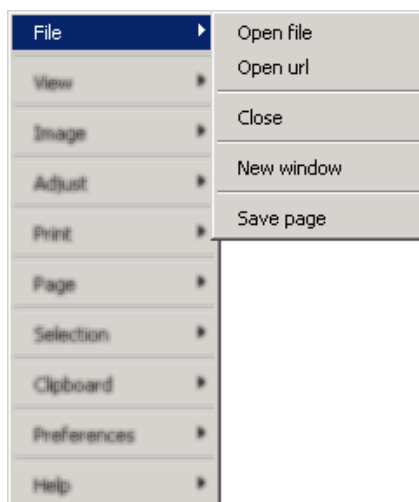
Menus

When viewONE is used within a browser then pop-up menus are accessed by pressing mouse button two or three. This is usually the right button, or on Macintosh machines, the same is achieved by holding down the single button for more than a second.

This section should be used in conjunction with the Toolbars section, which provides more detailed explanations of the same options that are available via buttons.

File menu

The file menu provides options to open a document (file or Internet URL), close the document or save the document to local disk. Using the “New window” option, a new window (frame) can be created that contains the currently open document.



View menu

The view menu provides options to change the page view. The current page can be viewed on its own, thumbnails can be viewed on their own, or a combination of both can be achieved.

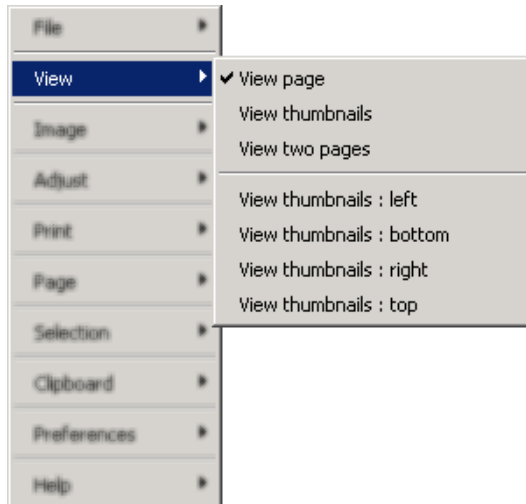
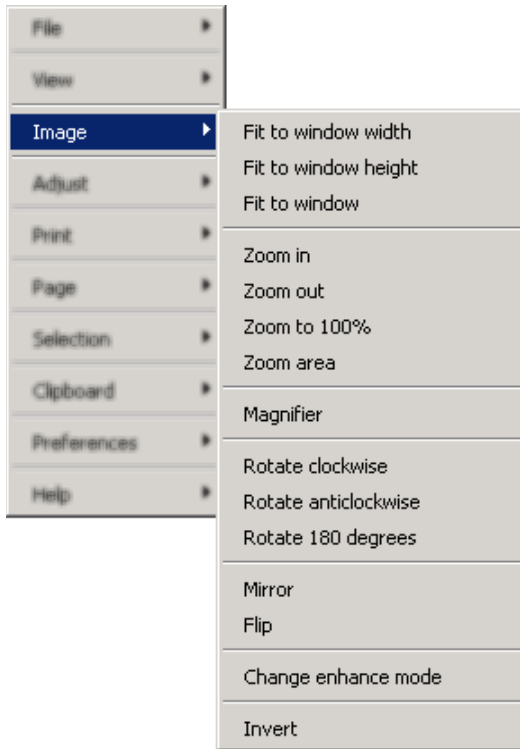


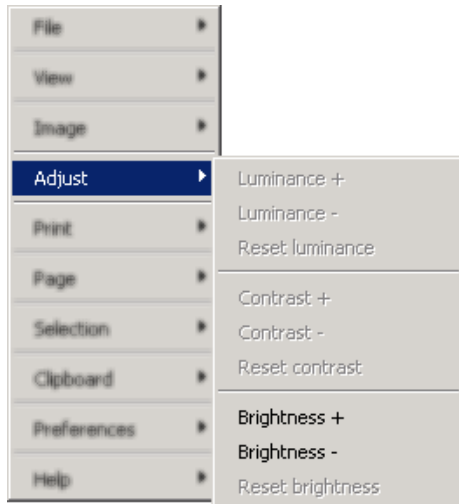
Image menu

The image menu provides options to change the zoom factor, magnify, rotate, flip, enhance mode and invert of the displayed image.



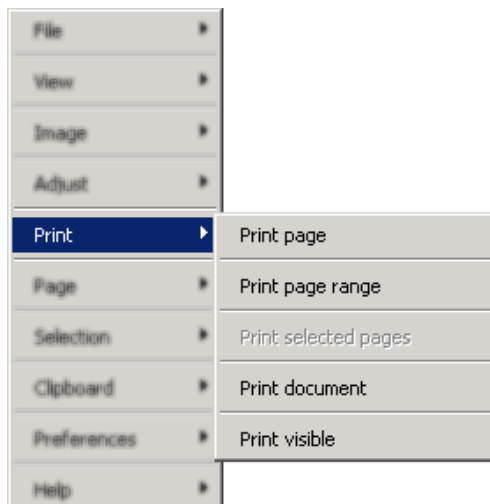
Adjust menu

The adjust menu provides options to change the luminance, contrast and brightness properties of the display. All, some or none of these menu options may be visible depending on the applet's configuration parameters.



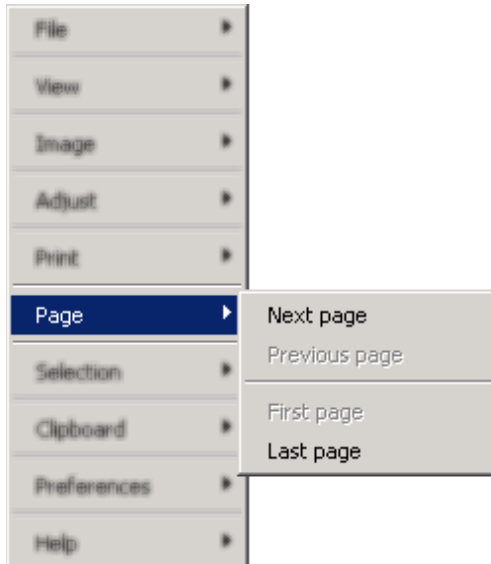
Print menu

The print menu provides options to print the current page, all pages (document), a page range or pages selected (selected via the select menu).



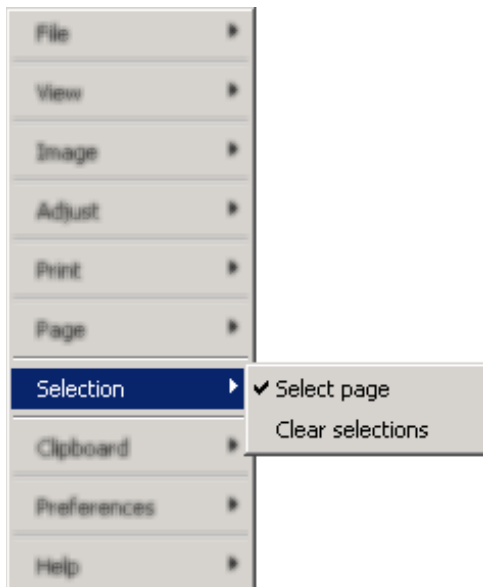
Page menu

The page menu provides options to view the next, previous, first or last page.



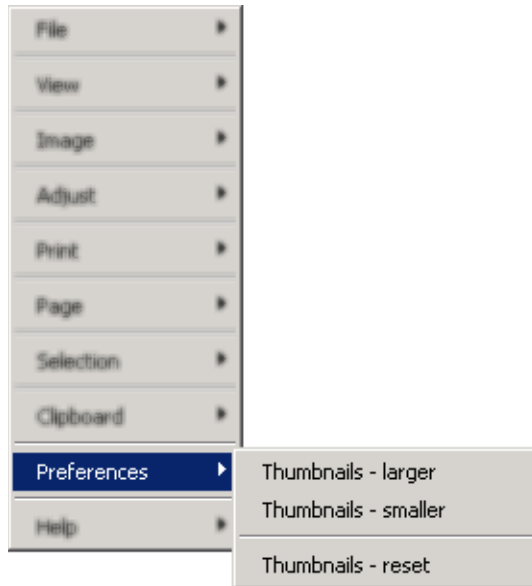
Select menu

The select menu provides options to select pages for printing.



Preference menu

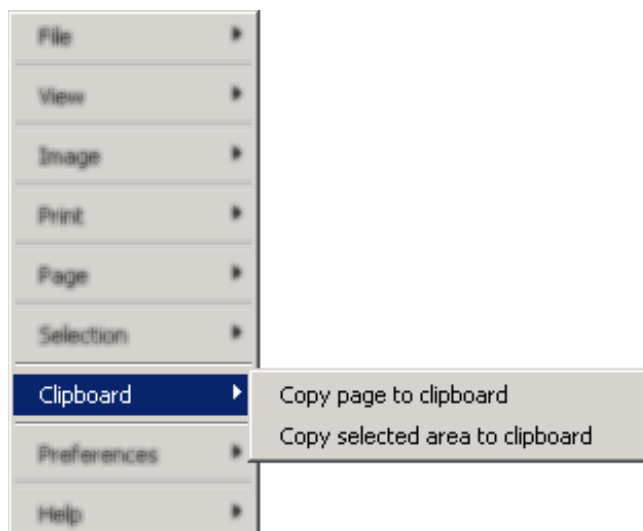
The preference menu provides options to adjust thumbnail display size. viewONE remembers your preference and will use it next time you use the viewer.



Clipboard menu

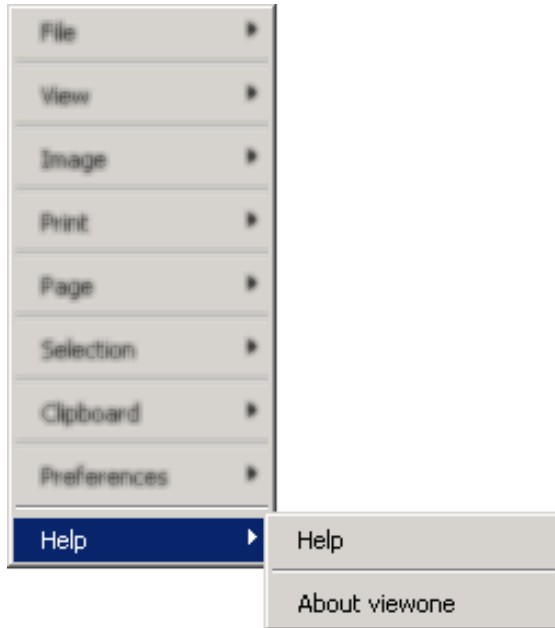
The clipboard menu provides options to copy the current image into the Windows clipboard.

Note: Clipboard options are available only for MS Windows, viewONE print accelerator users.



Help menu

The help menu provides options to view the user help manual (if configured to do so) and the “about viewONE” dialog.





The Keyboard

viewONE provides keyboard access to the same functions offered by the toolbars.

This section is designed to be used in conjunction with the Toolbars section, which provides more detailed explanations of the same options.

File keys

Open file	O
Open URL	Shift-O
Close	C
Save	F
New window	W

View keys

View page	F2
View thumbnails	F3
View two page	F4
View thumbnails: Left	F5
View thumbnails: Bottom	F6
View thumbnails: Right	F7
View thumbnails: Top	F8

Image keys

Fit to window width	F9
Fit to window height	F10
Fit to window	F11
Zoom in	Add
Zoom out	Subtract
Magnifier	M
Increase magnifier size	Add
Decrease magnifier size	Subtract
Increase magnifier factor	*
Decrease magnifier factor	/
Zoom to 100%	Z
Zoom area	A
Rotate clockwise	R
Rotate anticlockwise	L
Enhance	E
Invert	I

Print keys

Print page	P
Print document	Shift-P
Print page range	Ctrl-P
Print selected pages	Ctrl-Shift-P

Page keys

Next page	Page Down
Previous page	Page Up
First page	Home
Last page	End

Select keys

Select page	S
De-select all pages	Shift-S

Clipboard keys

Copy page to clipboard	Ctrl-C
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