BePDF

Designed to allow for the viewing of Portable Document Format files while using Haiku.

Originally developed by Adobe Systems, Inc., the PDF has become a standard file format for publishing electronic documents.

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About BePDF

BePDF is a PDF viewer for Haiku.

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©2000-2011 Michael Pfeiffer
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BePDF is based on XPDF 3.02. © 1996-2007 Glyph & Cog, LLC.

Please visit the official BePDF web site at
http://haikuarchives.github.io/BePDF/
for the latest updates, news and information.

Thank you for using BePDF!

Graphical User Interface

BePDF features an elegant, yet simple, graphical user environment that is true in form and function to the inherent beauty of Haiku.

Layout

(A) Title Bar
The BePDF title bar consists of the document title followed by the file name in parentheses. In the case where no document title has been assigned, BePDF only displays the filename without parentheses.

(B) Main Menu Bar
The Main Menu Bar enables the user to perform file operations, editing functions, searching functions, document navigation, document viewing, and to seek user assistance.

(C) Toolbar
The Toolbar gives the user quick, intuitive access to several of the most used utilities. Several of the functions in the Icon Bar can be found in the Main Menu Bar also.

(D) Page List/Bookmarks List
The Page List and Bookmarks List are side bar utilities that facilitate document navigation by providing single click navigation to specific pages or sections of a document. The above figure shows the Page List utility. This side bar may be disabled if the user so wishes.

(E) Document Window
The document window allows viewing of the PDF document.
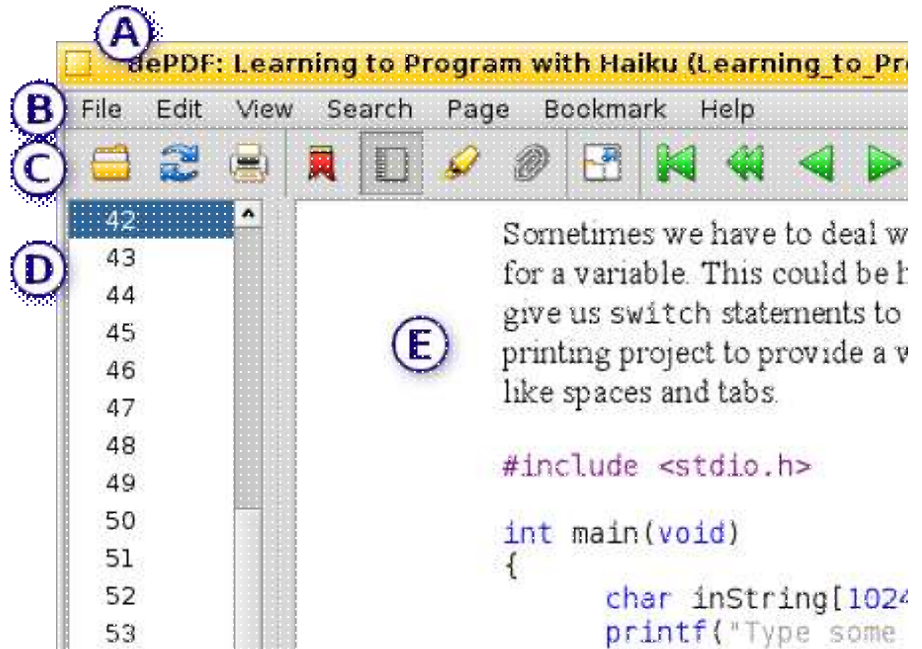
Toolbar Icons

Opens new PDF document

Reloads current document (refresh)

Begins printing dialog

Invokes Bookmarks sidebar (grey when active)

Invokes Page List sidebar (grey when active)

Invokes Annotation List sidebar (grey when active)

Invokes fullscreen mode

Moves to beginning of document (grey when at beginning)

Moves back ten pages (grey when at beginning)

Moves back one page (grey when at beginning)

Advances one page (grey when at end)

Advances ten pages (grey when at end)

Advances to end of document (grey when at end)

Moves back in page history (grey when there is no previous history)

Moves forward in page history (grey when there is no future history)
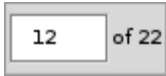
Allows manual entry of page to display (doubles as a page number indicator)

Sets zoom to page width

Sets zoom to full page

Rotates document clockwise

Rotates document counter-clockwise

Increases zoom by 20%

Decreases zoom by 20%

Searches for text in current document

Finds next instance of previously searched text

![icon] Preferences

BePDF allows the user to configure many aspects of PDF file rendering

Document Panel
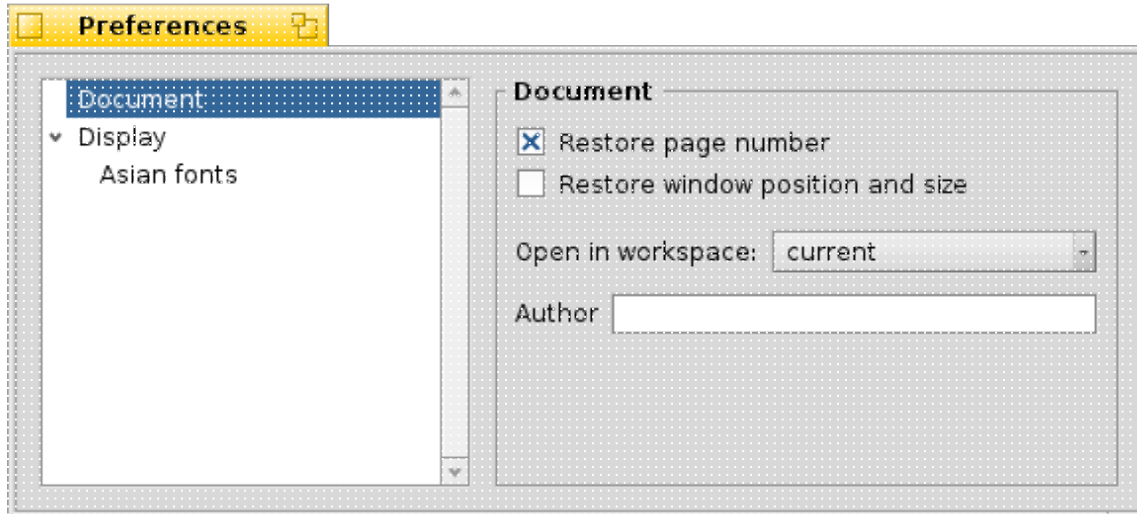
- Sets a bookmark at the last page viewed when re-opening a previously viewed document (especially handy for long documents)
- Have BePDF remember window size and screen position
- Opens BePDF in the designated workspace
- Sets the author of new or changed annotations

Display Panel
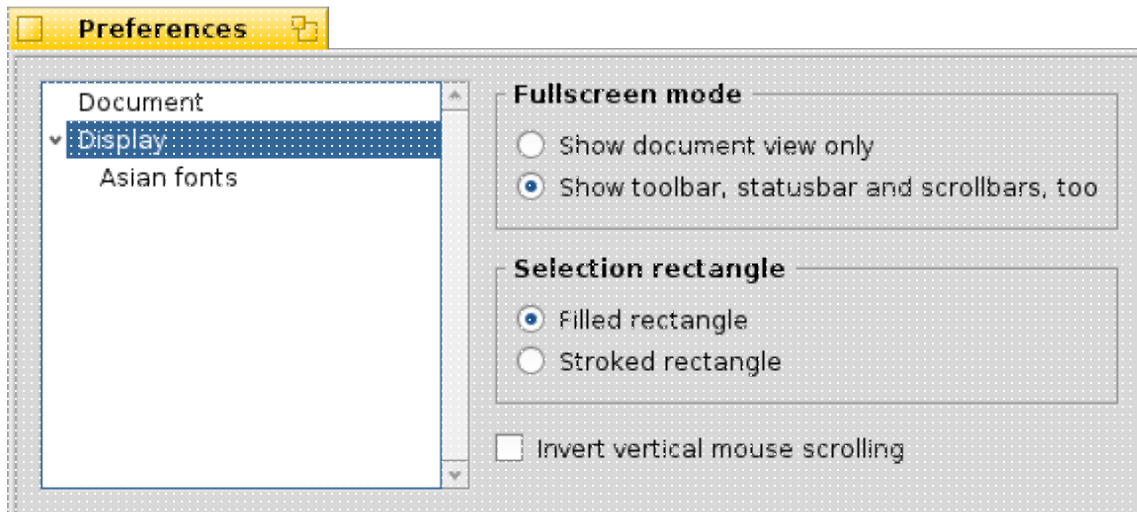
- Sets the fullscreen mode
- Chooses the style of the selection rectangle.

Asian Fonts
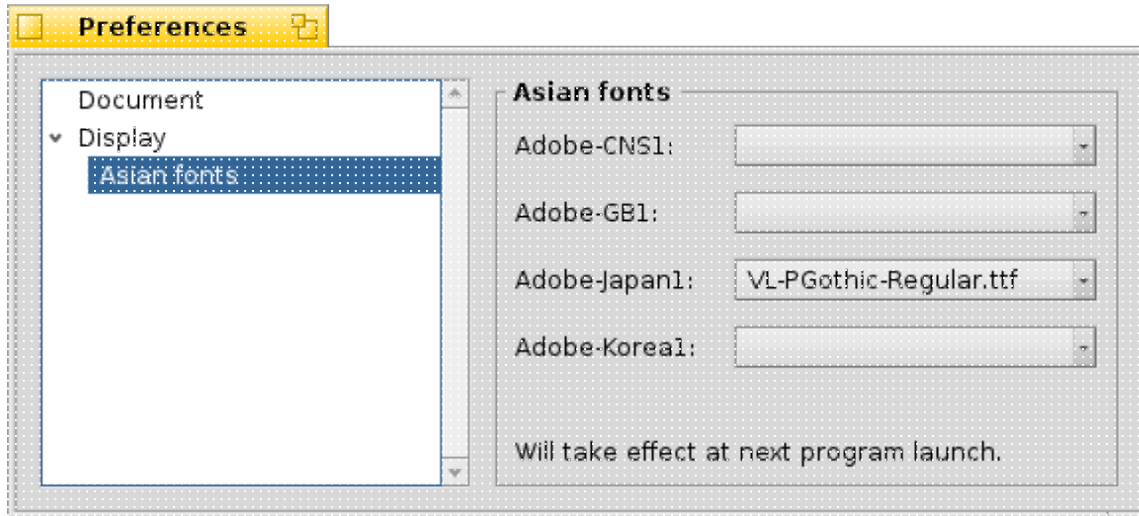
Specifies the font tape used for rendering of CJK text.

Keyboard Commands

BePDF makes use of keyboard shortcuts to facilitate document navigation.

[Spacebar] or [Enter]	Scrolls document forward (scrolls one page forward if at the top of current page)
[Backspace]	Scrolls document backwards (scrolls one page backwards if at bottom of current page)
[Cursor Keys]	Scroll incrementally in the direction of the cursor key
[Page Up]	Skips to the previous page
[Page Down]	Skips to the next page
[Home]	Returns to the beginning of the document
[End]	Advances to the end of the document
[ALT]+[J]	Jumps to user entered page number (see manual entry icon in "Graphical Interface")
[ALT]+[Left Arrow]	Returns to the previously viewed page within the document in history
[ALT]+[Right Arrow]	Advances in document history
[ALT]+[+]	Zooms in document view by 20%
[ALT]+[-]	Zooms out document view 20%
[ALT]+[*]	Zooms document to fit page
[ALT]+[/]	Zooms document to view page width
[ALT]+[Return]	Switches between fullscreen and window mode

Mouse Controls

Mouse Control in BePDF adds a level of grace that users have come to love and expect from Haiku applications.

Getting Around

BePDF is intended for use with a three-button mouse, but the **Right Mouse Button** (RMB) can be simulated by holding down [**CTRL**] and the **Left Mouse Button** (LMB). Similarly, the **Middle Mouse Button** (MMB) may be simulated by holding [**SHIFT**] while pressing the **LMB**.

- Click the **LMB** over a link to open a new BePDF window for PDF links or launch the default browser for URLs
- Click and hold the **LMB** over free space to position the document
- Move the **Scroll Wheel** up or down to scroll within a document
- Press the **Left Windows Key** and move the **Scroll Wheel** to scroll several lines within the document
- Press and hold the **RMB** to create a selection area

Zooming

- Clicking and dragging the **MMB** allows the user to zoom in on a rectangular selection, but only if the rectangle is sufficiently large. The size constraint is to allow the user to abort the zoom function if a wrong mouse button was pressed.
  This feature may also be used to determine the function of a specific mouse button by clicking and holding the mouse button; either a magnifying glass (for zooming) or a pair of scissors (for selecting) will be shown
- Pressing the [**CTRL**] key while rotating the **Scroll Wheel** (for users with "scroll wheel mice") will allow the user to zoom in (**Scroll Wheel up**) and out (**Scroll Wheel down**) in a document.

Using Selections

Press [**CTRL**] and click either the **RMB** or the **LMB** to select a rectangular area and copy its contents to the clipboard (both text and bitmaps may be included in the selection). The text can be pasted into any appropriate application. Similarly, the bitmap can pasted into Gobe Productive Graphics or Image Processing parts.

Dragging and Dropping

- Click the **LMB** on a selection and drag it to a Tracker window to create a text clipping
- Click the **RMB** to initiate a drag and drop that allows one to choose a file format (either text or graphics) for the clipping. The type of allowable image formats depends on the [ColorSpace] selected in the BePDF Display Preferences window). A

color space setting of 32bpp will result in the best image quality.
- Hold [**Shift**] and click and drag using the **LMB** to zoom in on the rectangular selection

Please note that if you have configured your mouse in a left-handed configuration then substitute **LMB** for **RMB** in the above instructions. Also, when the [**CTRL**] key is set as the shortcut key in Haiku's Keymap Preferences application, one must substitute [**ALT**] for [**CTRL**] when using the BePDF keyboard shortcuts.

Tracker Attributes

BePDF Versions 0.9.3, and later, now feature, by popular request, Tracker attributes!

Viewing PDF attributes in Tracker

- Open a Tracker window containing one or more PDF files (the window can contain other types of files, also).
- Change the Tracker window contents display to 'List View'
- Select 'Attributes' from the Tracker Menu
- Select PDF and choose from the list the attributes to be displayed

To edit PDF attributes

You can edit PDF attributes directly in a Tracker window, see Haiku's user guide "Workshop: Filetypes, Attributes, Index and Queries". These changes will be saved with the PDF. BePDF will not overwrite the edited attributes unless the command key is pressed while the file is being loaded -- the file attributes will revert to the default BePDF attributes at that time.
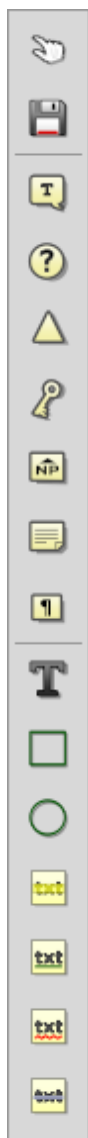
Creating and Editing Annotations

BePDF allows the creation and editing of PDF file annotations.

The show Annotation toolbar icon can be used to show and hide the annotation toolbar. When the icon is pressed the annotation toolbar is displayed in the left pane. This feature allows for the addition of text, comments and creation of marks within PDF documents. The annotations can be saved to the PDF file.

Creating Annotations

To create an annotation, select the type of annotation from the annotation toolbar; BePDF changes into the annotation editing mode. All annotation on the current page will be surrounded by a doted rectangle.

To create the annotation, click and drag over the section of the document to which the annotation should apply. The selection box area created for the annotation will serve as the clickable area to which the annotation applies. For example, dragging the annotation box over a figure in the document will show annotated text when any part of the figure is clicked. Once the annotation box is created, and the Edit Annotation utility is still active, the annotation area can be resized by clicking the handle in the lower right hand corner of the annotation, and moved by clicking and dragging within the field of the annotation.
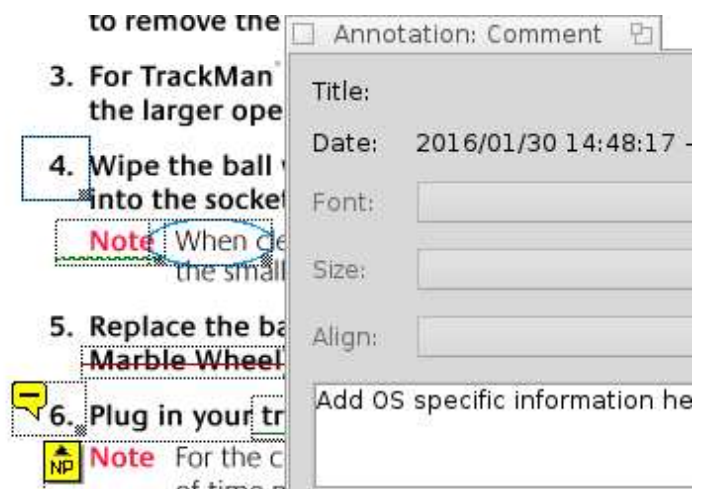
To add text to the annotation, right click the annotation and select Properties. A text box will appear that will allow the addition of text to the annotation. Add text, and close the Annotation text box. Annotations can be made to the entire document and on various pages without exiting the Edit Annotation utility. Also, graphics annotations allow for the addition of annotated text, as well.
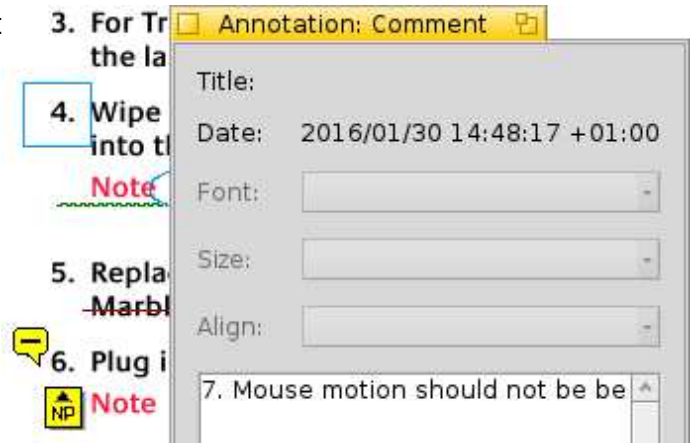
When done editing or creating the annotations, click on the hand icon in the annotation toolbar. The annotation handles will disappear. Clicking on the field of the annotations will display the previously entered Annotation text in a pop-up text box. Before exiting the PDF document, the file must be saved using File Save As to retain the annotations.

Notes on Annotations

- For annotations to be added to a PDF document, the file must not be encrypted
- Creating annotations while the PDF document is rotated is not supported
- Annotations are not supported when using the GhostScript rendering engine in BePDF
- Saved annotations are viewable on any operating system which has a PDF viewer that supports annotations
- Unsupported annotation types include: Links, Lines, Stamps, Inks, FileAttachments, Sounds, Movies, Widgets, PrinterMarks, and TrapNets
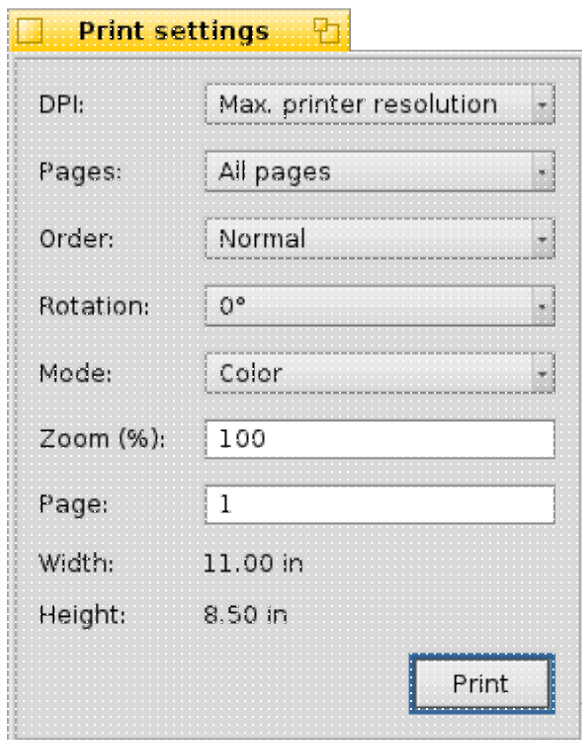
🖨 Printing

BePDF assists document output through the use of of an intuitive graphical interface.

PDF files may be printed by selecting 'Print' from the 'File' menu or by clicking the Print icon on the Icon bar. The Print Settings dialog consists of three sections.

General

The General section allows for general output formatting of the PDF document.

Print settings	
DPI:	Max. printer resolution
Pages:	All pages
Order:	Normal
Rotation:	0°
Mode:	Color
Zoom (%):	100
Page:	1
Width:	11.00 in
Height:	8.50 in
	Print

DPI
Select the resolution in DPI (Dots Per Inch) that is used for rasterizing a PDF page. For best quality this should match the printer resolution, that you specify in the page setup or job setup dialog of your printer driver.
Note that printing at high resolutions can consume a large amount of memory.

Page
Selecting 'All Pages' will print all pages of the document sequentially. Selecting 'Odd Pages' and 'Even Pages' allows for printing of only the even or odd numbered pages only. This is handy when generating double-sided book-style output.

Order
Selecting 'Normal' or 'Reverse' order instructs BePDF to print pages in the sequentially ascending (1, 2, 3, . . .) or sequentially decreasing (5, 4, 3, . . .) order, respectively.

Mode
Selecting 'Color' or 'Gray Scale' instructs BePDF to select either color or grey scale (black and white) print modes. A color printer is required for color printing.

Rotation
Selecting an angle of rotation sets the orientation of the document on the printed page. Zero degrees is as the document appears on the screen. The document may be oriented in 90 degree increments, with the rotation angle being counter-clockwise.

Zoom
Zoom allows the user to set the zoom scale of the printed document. A zoom setting of 100% is the actual document size.

Page Size
The Page Size section of the print dialog allows the user to retrieve the page size for the document page number entered into the the input field. This function may be used to aid in scaling a document to fit a certain paper size during printing.

After setting the desired options, press the 'Print' button in the dialog box to begin the BeOS print daemon. If the installed print driver is set up to allow the user to set print options, additional page setup and printing dialogs will appear. If values in these dialogs are selected which conflict with the previously set BePDF dialog, the print driver will override the BePDF values.

Localization

BePDF can easily be extended to support more languages for its user interface. If you'd like to help by providing a so-called "catkeys" file for your native language, please read the instructions in this thread at the Haiku forums: "Catkeys translators needed for 3rd party apps".

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Localization of BePDF

German by Humdinger

Translation of the documentation

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