BePDF

Designed to allow for the viewing of Portable Document Format files while using the BeOS, Haiku or Zeta.

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 the BeOS, Haiku & Zeta.

Copyright ©1997 Benoit Triquet
Copyright ©1998-2000 Hubert Figuiere
Copyright ©2000-2008 Michael Pfeiffer [michael.pfeiffer@utanet.at]

BePDF is based on xpdf 3.02.
Copyright 1996-2007 Glyph & Cog, LLC.

Please visit the official BePDF web site at
http://bepdf.sourceforge.net/
for the latest updates, news and information.

Thank you for using BePDF!
Sincerely, Michael Pfeiffer
michael.pfeiffer@utanet.at

Program Requirements

BePDF supports BeOS, Haiku and Zeta:

BeOS R5 [http://www.bebits.com/app/2680]
Haiku [http://haiku-os.org]
Zeta R1 [http://www.yellowtab.com]

BeOS R5: Notes on Chinese, Japanese and Korean Font Sets

BePDF supports PDF files that use traditional or simplified Chinese, Japanese and Korean fonts. To render such documents correctly, a font, such as Haru, with appropriate glyphs is required. Haru is included with BeOS 5 Pro, but is not installed by default. To install the Haru font:

- From the BeOS 5 CDROM copy `Haru.ttf` from `/BeOS 5 Pro Edition/_packages_/Japanese/beos/etc/fonts/ttfonts` to `/boot/home/fonts/ttfonts` or `/boot/beos/etc/fonts/ttfonts`.
- Either reboot BeOS or choose "Rescan" in the Fonts dialog found in the Deskbar menu under Preferences.

The fonts used for Japanese, traditional Chinese and simplified Chinese can be configured in the Preferences window of BePDF. BeOS 5 PE users may download the Japanese font set from [http://ftp.planetmirror.com/pub/beos/beos/] (7.51 MB). For additional information on font configuration, please see the Preferences section of this documentation.

Installation

Installing and Running the BePDF Program

To install BePDF, simply double click the zip archive, choose a destination in the Expand-o-matic dialog, and choose "Expand." Then open the expanded package and follow the install instructions.

To run BePDF, locate the directory where BePDF was installed and double click the "BePDF" icon. Also, BePDF may be started by double clicking any PDF file.

Installing the BePDF Deskbar Replicant

A Replicant can be added to the deskbar; this allows one to open BePDF from an icon in the deskbar. The shell scripts "Add BePDF to Deskbar" and "Remove BePDF from deskbar" located in the BePDF directory can be used to add/remove the BePDF replicant to/from deskbar, respectively.

Graphical User Interface

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

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.
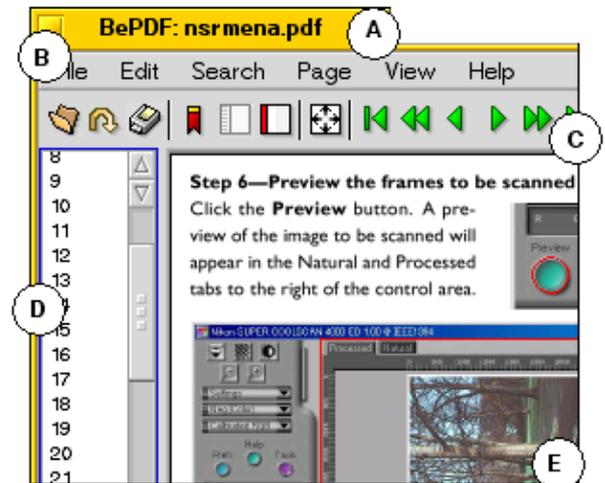
Toolbar Icons

Icon	Description
	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)
	Turns off document sidebar (grey when active)
	Invokes fullscreen mode
	Returns to window 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)
32 of 153	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
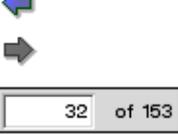
⚙️ Preferences

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

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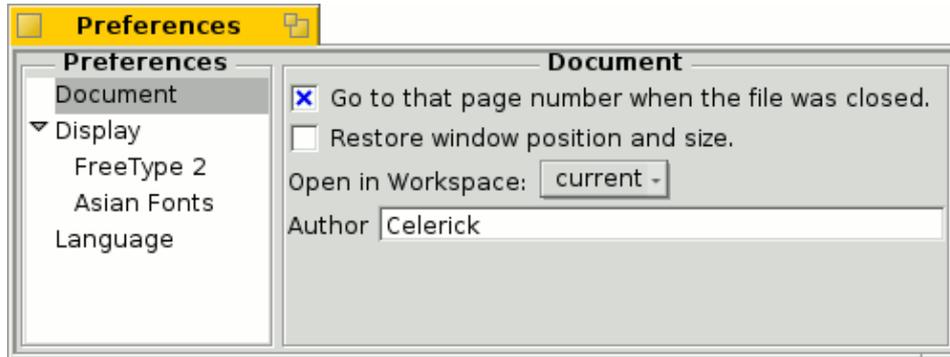
- Sets a bookmark at the last page viewed when re-opening a previously viewed document (especially handy for long documents)
- Have BePDF remember window size and screen position
- Opens BePDF in the designated workspace
- Sets the author of new or changed annotations

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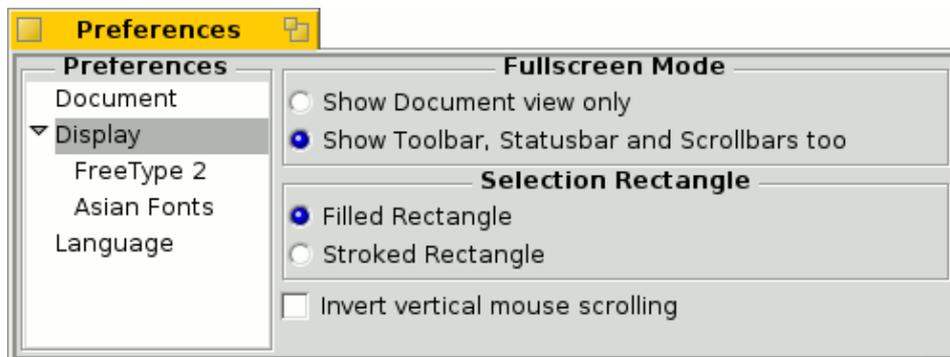
- Sets the fullscreen mode
- Chooses the style of the selection rectangle.

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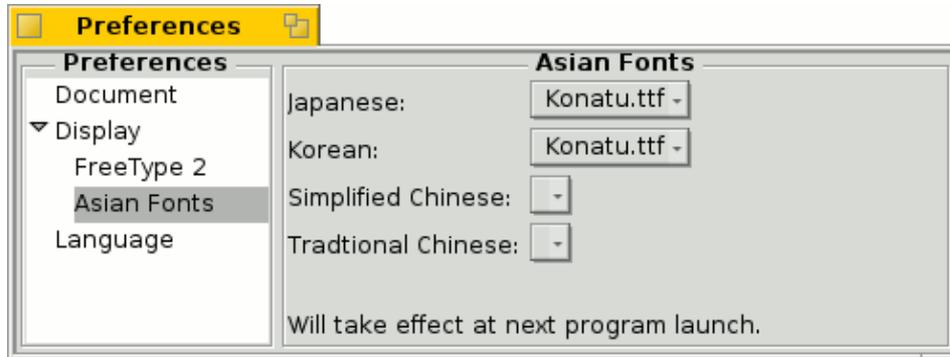
Specifies the font tape used for rendering of CJK text.

Language Panel
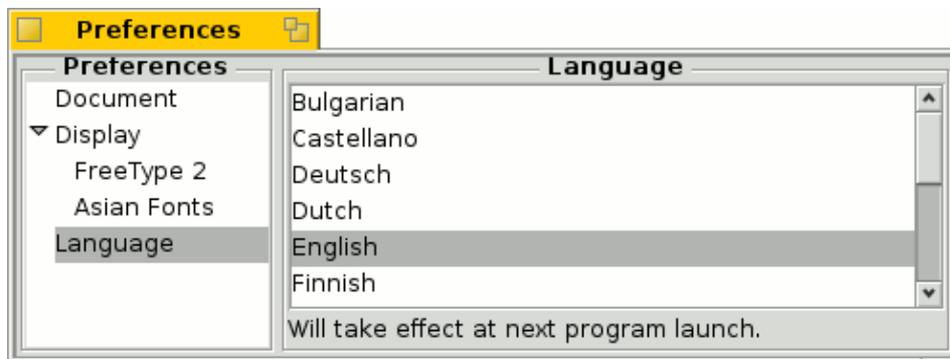
Sets the language of BePDF's menus and all other displayed text. Because this feature changes the displayed language, users should take care not to change the locale to a language that is unfamiliar; doing so may lead to difficulty in navigating BePDF.
Also, several languages require special fonts to display native characters. The user should ensure these fonts are properly installed prior to changing the language settings.

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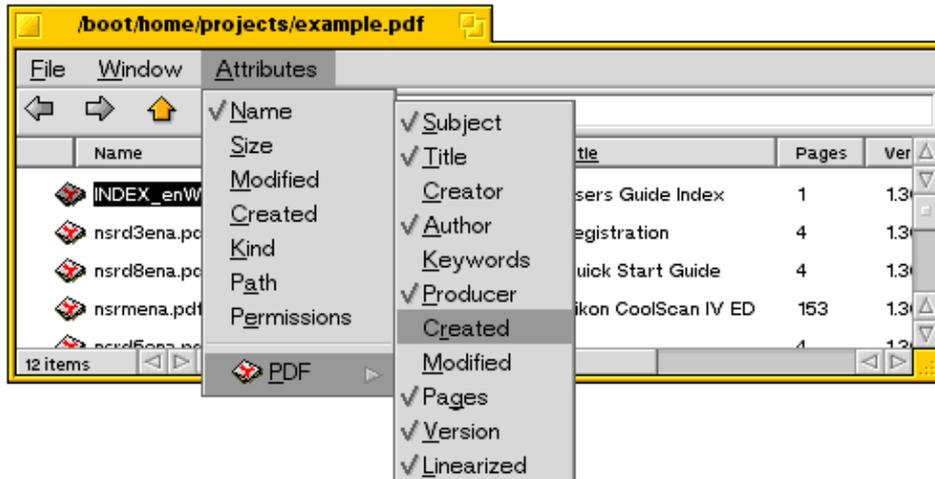
- Open a Tracker window containing one or more PDF files (the window can contain other types of files, also).
- Change the Tracker window contents display to 'List View'
- Select 'Attributes' from the Tracker Menu
- Select PDF and choose from the list the attributes to be displayed

If PDF attributes are not available in the Tracker List View

- Exit BePDF, if it is currently running
- Start the FileTypes BeOS Preferences application
- Select and remove the filetypes application/pdf and application/x-pdf
- Restart Tracker
- Navigate to a pdf file and double click it
- In the dialog box that appears, select "Find"
- Select BePDF in the "Open With" dialog box and choose "Make Preferred"
- Now in any Tracker window with a pdf file, under the attributes window you will find a listing of valid pdf attributes to display

To Edit PDF attributes

Simply use QuickRes [http://www.bebits.com/app/1504] or another similar BeOS attribute editor to change the PDF file Attributes. 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
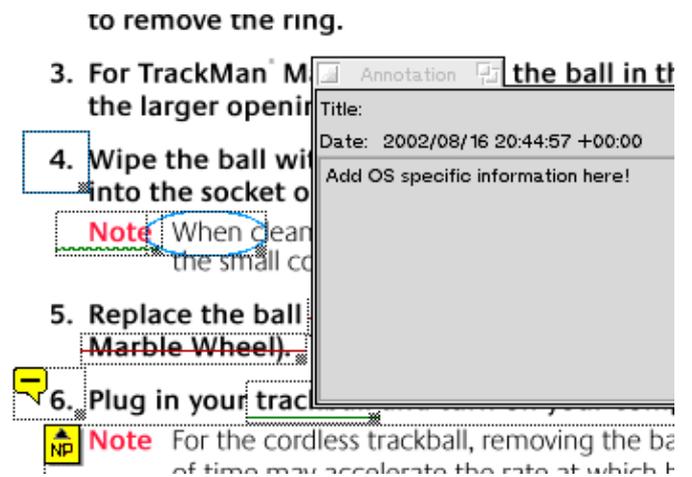
pages without exiting the Edit Annotation utility. Also, graphics annotations allow for the addition of annotated text, as well.

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.
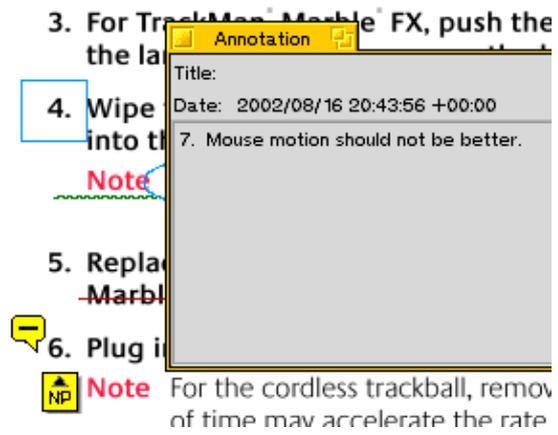
Notes on Annotations

- 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

![printer icon] 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:         300
Pages:       All Pages
Order:       Normal
Rotation:    0°
Mode:        Color
Zoom (%):    100
Page:        1
Width: 11.00 in
Height: 8.50 in
             Print
```
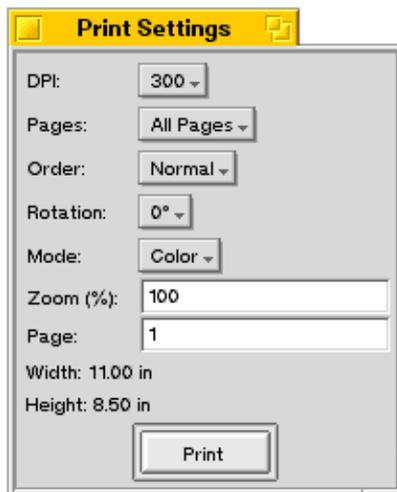
DPI
Select the resolution in DPI (Dots Per Inch) that is used for rasterizing a PDF page. For best quality this should match the printer resolution, that you specify in the page setup or job setup dialog of your printer driver.
Note that printing at high resolutions can consume a large amount of memory.

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 version 0.7.6 Alpha 2 and later graciously supports localization.

For each supported language there is a .catalog file in "locale" subdirectory of the directory in which BePDF is installed.

If a *[your language].catalog* already exists, simply open the preferences window in BePDF, select the desired language. The next time BePDF opens, the new language preference will be active.

If a *[your language].catalog* does not exist, one can easily be created.

- Copy the file "template.catalog" to "*[your language].catalog*" where [your language] is the name of the desired language, in the desired language.
- Open *[your language].catalog* with StyledEdit, and skip the first line and the line at the bottom of the file.
- Replace the second line (below "CatalogName") with the name of your language, again in your language
- Replace the line below "CatalogLanguage" with the name of your language in English.
- Replace the line below "CatalogAuthor" with your name. CatalogName and CatalogAuthor will be displayed in the About window.
- The other lines appear in pairs of two lines: the first is an identifier which you must not change, and the second line is the text in English which has to be translated. This line has to be replaced with the translation to your language. Please note that some lines have a leading space or a space at the end; the translated line of text should have this too!

If you wish to support other BePDF users, send *[your language].catalog* in a zip-archive (to guarantee that the 8th bit of each byte is not lost when sent by email) to Michael Pfeiffer and please state if you want to be mentioned in the documentation as the translator with or without your email-address and/or a link to your home page. The catalog file will then be included in the next release of BePDF.

Please subscribe to the BePDF-i18n mailing list, if you wish to be informed of new releases that need translations. This is a closed list, which means your subscription will be held for approval, and you will be notified of approval by email within 24 hours. This is also a private list, which means that the members list is not available to non-members. To subscribe, visit http://lists.sourceforge.net/lists/listinfo/bepdf-i18n.

Get BePDF for Your Site

We recommend linking the BePDF site with your website, especially if you use the PDF format to convey information.

It is quick an very easy. Just copy and past the following lines directly into the HTML code of the desired web page.

```
<a href="http://www.bebits.com/app/1438">
<img src="BePDFButton.jpg" width="88" height="32" border="0" alt="Get BePDF">
</a>
```

And don't forget to copy the awesome BePDF icon!

Known Bugs

BePDF is an ongoing project. The following list details known issues with BePDF:

- No known bugs.

Did you find a bug in BePDF?
We'd like to hear about it. Please submit your captured bugs to
[michael.pfeiffer@utanet.at].

Upcoming Features

BePDF is an ongoing project. The following is a wish list of future enhancements for BePDF:

Localization

- Keep the existing .catalog files up-to-date.
- Add new localizations.

Documentation

- Localize documentation.
- Create and maintain FAQ.

Development

- Better mouse handling (use one mouse button only?).
- Resize page to window.
- Support for PDF forms with JavaScript.
- Find/Find Next without blocking window.
- Use page cache.
- Add "Pop-up" magnifier for a part of the page.
- Continues page mode.
- Two page mode.
- Print fit to physical page.
- Single application for multiple PDF documents.
- Support changing of annotations in encrypted PDF document.

Acknowledgements

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[http://www.be-in.org/~naitoh/bepdf/index-e.html]
Andre Lapierre [andrejb@lapierre.as] for Documentation (up to BePDF Version 0.7.11).
Jonas Sundström for the Application and Folder Icons.
Adam Rosser for the Toolbar Button Bitmaps.
Kevin H. Patterson for the "Get BePDF for BeOS 5" Button.
Matt Thomson for maintaining the home page.
Celerick Stephens [8pocket8@excite.com] for reformatted and extended
documentation BePDF version 0.9, and later).
Brian Fancis for testing the PowerPC version.
Humdinger [humdingerb@gmail.com] for a HTML version, adapting to HTMLdoc for PDF
generation and the vector version of the BePDF icon.

Localization of BePDF

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Translation of the documentation

Castellano, first version, by Oscar, BiPolar.
Español; Castellano, current version, by by Miguel Zúñiga González [mzuniga@mail.ru]
German by Humdinger [humdingerb@gmail.com]
Italian by Miguel Zúñiga González [mzuniga@mail.ru]

Version History

BePDF is an ongoing project. The following list details past improvements:

BePDF Release 0.1.0   **July 29, 2000**

- First release of PDFViewer which is based on BePDF 0.6
- Fixed scrollbar bug
- Added navigation with the keyboard
- Added moving the view with the mouse
- Added code for displaying masked images
- Improved code for drawing images
- Some special characters are now displayed
- Fixed bug in stroke function (line width was not set correctly)
- Added a status window

BePDF Release 0.1.1   **July 30, 2000**

- Fixed image color bug

BePDF Release 0.1.2   **July 30, 2000**

- Added handling of document internal links and URL links

BePDF Release 0.1.3   **August 11, 2000**

- Added character decoding for Symbol font
- Improved character decoding
- Added an open dialog box
- Added more navigation buttons
- Added drag and drop support to open a document in the current window

BePDF Release 0.1.4   **August 13, 2000**

- Added printing support
- Added page rotation
- Fixed image bug (image was not rotated)

BePDF Release 0.1.5   **August 15, 2000**

- Fixed masked image bug

BePDF Release 0.2   **August 22, 2000**

- Japanese font support added by NAITOH Jun
- Included first PPC release
- Switched from xpdf 0.9 to xpdf 0.91
- Added real time dragging of the view
- Added searching for text
- Added text copy
- Fixed another image bug--hope this is the last :)

BePDF Release 0.2.1   **August 27, 2000**

- Added Type 1 font support for embedded fonts (uses t1lib 1.0.1)
- Fixed some minor bugs

BePDF Release 0.7   **September 3, 2000**

- Renamed PDFViewer 0.2.2 to BePDF 0.7
- Added TrueType font support for embedded fonts for X86 only (uses FreeType 1.3.1; PPC Crosscompiler generates error messages when compiling FreeType, because of the old parameter declaration style used by the FreeType library)
- Added menu item to change the DPI for printing
- Fixed bug when printing with BinkJet driver
- Separated BePDF source files from the required libraries

BePDF Release 0.7.1   **September 19, 2000**

- Important menu settings and window position/size are now persistent.
- BePDF now remembers path of last opened file in the file open dialog
- Added encoding table for ZapfDingbats font
- Fixed bug in true type font renderer
- Added 'Find Next' menu item
- Added Keyboard Shortcuts menu item

BePDF Release 0.7.2   **September 21, 2000**

- Type 3 font renderer can now be enabled at runtime (Warning: Type 3 font renderer is very slow!)
- Fixed some minor bugs (window size, file name in window title)

BePDF Release 0.7.3   **September 25, 2000**

- Added printer settings (print odd/even pages, normal/reverse order)
- Added a page rendering thread

- A page is now rendered in its own thread and the rendering process can now be interrupted; this also allows faster navigation between pages

BePDF Release 0.7.4   **September 30, 2000**

- Fixed a bug which crashed BePDF after opening a file
- Added go to next/previous page with mouse wheel
- Added zoom to selection with third mouse button
- Window size is now independent of page size
- Type 1 and FreeType font renderers can now be disabled
- Anti-aliasing is now disabled when printing
- Page history stores zoom factor, position, and rotation

BePDF Release 0.7.5   **November 4, 2000**

- Reduced amount of memory used while printing (up to 400%)
- Moved printer and display settings in to windows
- Can display password protected PDF files (not tested)
- UTF8 to ASCII conversion is done when necessary and vice versa (copied text; search text; password)
- Application resources used for cursors and bitmaps
- Added bitmap buttons to toolbar
- Added file info window

BePDF Release 0.7.6 Alpha 1   **November 13, 2000**

- Fixed two bugs which crashed BePDF (switching between workspaces; opening a document which has no info dictionary)
- Added tooltips to buttons in toolbar
- Added a bookmarks window (this is experimental; the contents of the window are not updated when a new document is loaded; the window has to be closed and reopened)

BePDF Release 0.7.6 Alpha 2   **November 25, 2000**

- Added localization. Translations for Japanese, Italian and German are included in this distribution
- Added Drag and Drop support for copying text or images inside the selection to another application (including Tracker); works with Japanese text, also
- Added zoom options: Fit to Page Width, Fit to Page, Zoom In and Zoom Out
- The contents of the File Info and Bookmarks window are updated when a new document is opened
- Color space for bitmap is now customizable
- Update frequency is now customizable
- Page number, zoom factor, rotation, window position, and window size are now stored in the file attributes of the PDF document

- Line mode for drawing lines is now used when printing
- Fixed some bugs

BePDF Release 0.7.6 Alpha 3   **November 25, 2000**

- Fixed a bug which caused BePDF to crash

BePDF Release 0.7.7 Alpha 1   **January 9, 2001**

- Added new toolbar button bitmaps by Adam Rosser
- Added PDF doc encoding
- Fixed some memory leak bugs (in Bookmarks window and Preferences window)
- Added page list which shows page labels of PDF 1.3 files, if available
- Reorganized preferences window and added some settings
- Added 'Fonts' tab to file info window, which shows the fonts in the PDF file
- Help documentation is now opened with the preferred application for HTML (Experimental) BePDF now uses Ghostscript for page rendering. The following items do not work when the Ghostscript renderer is enabled:
    - Printing (uses always the native renderer)
    - Rotation
    - Selecting & copying text (graphics works)
    - Link position (position is sometimes incorrect)
    - Searching (starts at the next page, not at the current page, and does not display the found text

BePDF Release 0.7.7 Alpha 2   **January 16, 2001**

- Updated backend to XPDF 0.92
- Updated localization

BePDF Release 0.7.7 Alpha 3   **January 28, 2001**

- Added new translations for Spanish by Carlos Hasan
- Added new translations for Finnish by Jaakko Leikas
- Added UI improvements; more buttons in toolbar
- Bug fixed (opening a defect PDF file crashed BePDF)
- BePDF now requires Santa's Gift Bag (included)
- Features a 'Get BePDF' button for the web by Kevin H. Patterson

BePDF Release 0.7.7 Alpha 4   **February 6, 2001**

- Added quasi fullscreen/window mode and show/hide page list (the current implementation of quasi fullscreen mode does not allow opening of other windows in BePDF, e.g. opening a file, searching, etc. does not work; this is to be resolved in a later version).

BePDF Release 0.7.7 Alpha 5   **February 14, 2001**

- Added dynamic loading of Ghostscript library if available. This should also work with the PPC version of Ghostscript when it is ported
- Added minor bug fixes

BePDF Release 0.7.7 Alpha 6   **February 16, 2001**

- Updated Localization
- Added minor bug fixes

BePDF Release 0.7.7 Alpha 7   **February 20, 2001**

- New translations for Czechoslovakian by Jan Polzer
- Fixed a number of major bugs

BePDF Release 0.7.7 Alpha 8   **February 26, 2001**

- Added new translations of user interface strings to Russian by Oleg V. Kourapov
- Fixed a bug which crashed the PPC version (thanks to Michael Pieper for submitting a bug report and testing)

BePDF Release 0.7.7 Alpha 9   **March 1, 2001**

- Added new translations of user interface strings to Swedish by Daniel Wesslaen
- Location and orientation of Deskbar is accounted for during zooming
- Completed SpLocale integration. SpLocale is used when HAVE_SPLOCALE macro is defined at the time of program compiling

BePDF Release 0.7.7 Alpha 10   **March 21, 2001**

- Added new translations of user interface strings to Brazilian Portuguese by Bruno G. Albuquerque
- Disabled usage of SpLocale

BePDF Release 0.7.8 Alpha 4   **May 9, 2001**

- Added options to preferences window to set fullscreen mode or quasi-fullscreen mode and to show selection rectangle as filled rectangle or as stroked rectangle.
- Added shell scripts to add/remove a replicant to/from the deskbar
- Added filter to file open window to show only PDF files

- Added possibility to close sub windows using the escape key
- Right clicking on link now allows copying the link text to the clipboard
- Clicking on a link to another PDF file now opens that file in a new window
- Status bar now shows more meaningful information for internal links
- Disabled menu items and buttons in main window when they have no effect
- Changed and added some keyboard shortcuts (fullscreen, fit to width, fit to page)
- Bookmarks can now be displayed in place of page list

BePDF Release 0.7.8 Alpha 4 Localization Update 1   **May 21, 2001**

- Added Slovak localization by Martin Paucula
- Added Bulgarian localization by Philip Petev (MadMax)

BePDF Release 0.7.8 Alpha 5   **May 22, 2001**

- Chinese by Chen Yi-feng
- Fixed calculation of link rectangles

BePDF Release 0.7.9 Alpha 2   **May 29, 2001**

- Added Chinese font support (traditional and simplified)
- Added customization option for Japanese, Traditional Chinese, and Simplified Chinese fonts
- Made widths of page list and bookmarks side bars independent

BePDF Release 0.7.9 Alpha 3   **May 31, 2001**

- Updated Japanese font support
- Added minor modifications to the Graphical User Interface

BePDF Release 0.7.10 Alpha 1   **June 7, 2001**

- FreeType 2 is now used to render embedded Type 1 and TrueType fonts. This replaces the FreeType 1.x and Type 1 renderer
- The decoding tables for Japanese, Traditional Chinese, and Simplified Chinese are moved to add-ons to reduce the size of the executable
- Fixed bug to allow searching for Japanese or Chinese text all pages instead of only on the current displayed page

BePDF Release 0.7.10 Alpha 2   **June 12, 2001**

- Improved speed up to 43% for rendering embedded fonts
- Added sub-pixel precise positioning (2x2) of glyphs of embedded fonts

- Disabled auto-hinter of FreeType 2 renderer
- Fixed bug in Type 1 character code mapping
- Implemented many other miscellaneous bug fixes

BePDF Release 0.7.10 Alpha 3   **June 24, 2001**

- Ghostscript fonts can now be used for PDF base 14 fonts
- Added option for gray scale printing
- Fixed bug affecting handling of password protected PDF files
- Corrected display of password protected files with Ghostscript renderer enabled

BePDF Release 0.7.10 Alpha 3 Localization Update 1   **July 2, 2001**

- The following languages have been updated:
  Finnish, French, Italian, Japanese, Slovak, Traditional Chinese
- These languages were previously current:
  English, German
- These languages have not yet been updated:
  Hungarian, Bulgarian, Spanish, Polish, Brazilian Portuguese, Russian, Swedish, Czechoslovakian

BePDF Release 0.7.10 Alpha 4   **July 19, 2001**

- Added ability to reload the current file
- Enter key now has the same function as spacebar
- Changed behavior of tooltips

BePDF Release 0.7.10 Alpha 5   **August 13, 2001**

- Vertical text positioning bug fixed by NAITHO Jun
- Limited text selection rectangle to page
- Fixed buffer overrun bug in printing progress window (BePDF crashed e.g. when Japanese language is selected). Thanks to Eberhard Hafermalz for reporting the bug

BePDF Release 0.7.10 Alpha 6   **August 14, 2001**

- Replaced development version of FreeType 2 library with latest stable version 2.0.4. The development version caused a crash when rendering a page (thanks to Fabrice Guix for reporting the bug)

BePDF Release 0.7.11   **September 9, 2001**

- Added options for FreeType 2 renderer

- Implemented image memory size protection
- Made handling of images/image mask similar to handling performed by xpdf
- Added "Open in Workspace" option to preferences window
- Fixed interruption of rendering process.

BePDF Release 0.9   **November 25, 2001**

- Updated back-end to xpdf 0.93
- Implemented PDF 1.4 (128-bit) decryption
- Allows acceptance and verification of the document owner password; if the correct password is entered, BePDF makes all document actions available
- BePDF now respects security settings for text/graphics copying and printing
- BePDF allows user defined bookmarks (to a maximum of one per page) stored in file attributes, not in PDF file
- Incorporated several bug fixes
- Reformatted and extended documentation by Celerick Stephens
- Added links to BePDF related sites to help menu
- Separated packages for external libraries (libxpdf, libfreetype) to reduce the size of the BePDF distribution package

BePDF Release 0.9.1   **January 28, 2002**

- Added support for annotations and associated text
- Added mouse scroll wheel zoom feature
- Added a window for displaying error messages and warnings
- Incorporated several bug fixes

BePDF Release 0.9.2   **March 11, 2002**

- Fixed bug where rendering certain images caused BePDF to crash
- Fixed bug where displaying the bookmarks view in Dano caused BePDF to crash. There are still other problems with Dano that have not yet been addressed. Officially, however, BePDF does not support Dano
- Fixed bug where sporadically embedded fonts could not be loaded, and text was then displayed in one of the default BeOS fonts.
  Entered passwords are now hidden

BePDF Release 0.9.3   **May 12, 2002**

- Added document loading status bar
- Added support for document attributes to be viewable and editable from Tracker windows
- Fixed bug that caused program crashes on exit
- Implemented a workaround for a bug in StrokeShape
- Postponed certain commands that would block updating of the display, until page rendering has finished

BePDF Release 0.9.4 Beta 1   **August 4, 2002**

- Added ability to Create and Edit PDF Annotations
    - ♦ Supported annotation types: Text, Square, Circle, Highlight, Underline, Squiggly, Strike-out, and Pop-up
    - ♦ Unsupported annotation types: Link, FreeText, Line, Stamp, Ink, FileAttachement, Sound Movie, Widget, PrinterMark, TrapNet
    - ♦ Limitations:
        - ◊ PDFfiles must not be encrypted
        - ◊ Pages must not be rotated
        - ◊ Must be in Native Rendering Mode
- Added "Save File As..." dialog to retain PDF annotations
- Implemented a "Close" path work-around

BePDF Release 0.9.4 Beta 2   **February 1, 2003**

- User manual is now available in PDF only. It is accessible via the help menu in BePDF. A localized version of the documentation is opened if it exists. Default language is English. The main distribution package includes the English documentation only. Translations of the documentations are available separately and the .pdf file should be placed into the docs folder of the BePDF installation folder to be found from BePDF when requested to show the help file.
- BiPolar made the translation of the documentation to Castellano (Spanish). Some bugs fixed: full screen mode, FreeType rendering.
- Distributed as All-In-One package only. Self-contained, no libraries are added to system paths.
- Removed online update feature.
- Removed show online help from menu.
- Added option to reverse vertical scrolling direction of document view when dragged with mouse.

BePDF Release 0.9.5 Beta 1   **February 20, 2003**

- New: Added basic support for stroke/fill opacity (=transparency)
- New: FreeText annotation is now fully supported. This allows to add text to a PDF file.
- New: Allow to change the default values of annotations.
- New: Replaced annotation menu with a vertical annotation tool bar.
- New: Show file icon and PDF title if available in "Open" and "Open in Window" menu.
- New: Bookmarks are displayed in specified style, color and open state (=child bookmarks are collapsed or expanded)
- New: Clicking a bookmark respects the destination position on page.
- Changed handling of links to PDF file:
    - ♦ Clicking a link, opens the file in the same window.
    - ♦ COMMAND key + clicking a link, opens the file in a new window.

- ◆ Right clicking a link, opens a popup menu that allows to open the file in a new window.
- ◆ Case insensitive search for PDF file.
- New: History is not deleted when a new file is opened.
- Bug fix: Printing annotations showed them in the state stored in the PDF file. Now the current state is printed.
- Localization update: Brasilian Portuguese, Castellano, English, German, Hungarian, Traditional Chinese.

BePDF Release 0.9.5 Beta 2   **March 2, 2003**

- Bug fix: Some images in the resources of the BePDF executable file were in a format that caused at least one user installed image translators to crash and when another image translator was installed the image could not be loaded from the resources which later cause BePDF to crash. Thanks to Dr. Hartmut Reh for helping to fix this bug.
- Update: Uses FreeType 2.1.7.
- Localization update: Dutch and Slovak.
- Missing localization updates: Bulgarian, Czech, Finnish, French, Italian, Japanese, Korean, Norwegian, Polish, Russian, Swedish, Turkish.

BePDF Release 0.9.6 Beta 1   **June 29, 2004**

- New: Automatically reload PDF file if file has changed.
- Bug fixed in outline view.
- Updated for Ghostscript 8.14.
- Updated to FreeType 2.1.9.

BePDF Release 0.9.6 Beta 2   **July 30, 2004**

- Bug fixed: Automatically reload PDF file if file has changed did not work for the file opened at startup.

BePDF Release 0.9.7 Beta 1   **March 20, 2005**

- New: Korean font support implemented by Park Sukyouk.

BePDF Release 1.0.0 Alpha 1   **July 25, 2005**

- Ported and integrated xpdf 3.0.
- Included Base-14 fonts (URW fonts) from Ghostscript 8.14.

BePDF Release 1.0.0 Beta 1   **August 26, 2005**

- New: Added support for additional font encodings and CID fonts. Included are Arabic, Cyrillic, Chinese simplified and traditional, Greek, Hebrew, Japanese, Korean, Latin2, Thai and Turkish encoding tables.
- New: Case-sensitive search and search backwards.
- New: New layout of print settings dialog. Enabled monochrome printing mode.
- New: Added list of attachments. Saving selected attachment to file or multiple selected attachments into directory.
- New: Saving copy of PDF file in separate thread.
- New: Saving of File Attachment Annotations.
- New: Use installed system fonts for 13 of base 14 fonts instead of URW fonts (to improve font rendering quality).
- New: Upgraded to xpdf 3.01.
- New: Use FreeType2 for rendering of Type 1 fonts instead of T1lib (to improve font rendering quality).
- New: Upgrade to FreeType 2.1.10.
- New: Removed alternative Ghostscript renderer. The rendering issues of previous versions should have been fixed by using xpdfs own PDF renderer.
- Bug fix: Restore position of page list after starting of BePDF.
- Bug fix: Use native renderer for annotations to avoid "ghost" annotations after they have been changed.
- Bug fix: Crash during printing a page.
- Bug fix: Tooltip should be displayed under Zeta.

BePDF Release 1.0.0 Beta 2   **August 28, 2005**

- Bug fix: Find TrueType fonts in BePDFs fonts directory.

BePDF Release 1.1.0 Beta 1   **October 23, 2008**

- Updated to xpdf 3.02 and Freetype 2.3.7.

BePDF Release 1.1.1 Beta 1   **March 21, 2009**

- Documentation converted from GoBE Productive documents to HTML by Humdinger.
- Español; Castellano documentation updated by Miguel Zúñiga González.
- German documentation created by Humdinger.
- Italian documentation created by Miguel Zúñiga González.
- Vector version of the BePDF icon by Humdinger.