

The KGhostView Handbook

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Abstract

KGhostView displays and prints PostScript® (.ps, .eps) and Portable Document Format (.pdf) files.

This document describes KGhostView version 0.20

Chapter 1

Introduction

KGhostView displays and prints PostScript® (.ps, .eps) and Portable Document Format (.pdf) files. It is a port to KDE of Tim Theisen's Ghostview program which uses Alladin Ghostscript to view documents prepared in Adobe®'s PostScript® page description language. PostScript® is the major page description language for printing on UNIX® systems and this application can be used to preview material intended for printing or for reading documents online.

You can use KGhostView with all recent versions of Ghostscript. Newer versions offer much improved performance which you can take advantage of with KGhostView.

If a document does not conform to the Adobe® document structuring convention the functionality of the viewer is limited. For example, if there is no table of contents, skipping around the document and marking pages is not possible.

Chapter 2

Fundamentals

This section describes what you see in the main KGhostView window, the actions of the Toolbar buttons and how to use the Page List.

You can open multiple instances of KGhostView to view multiple documents. The titlebar at the top of a window shows you the name of the document in that window.

The main area displays a page of the current document. If the page is too large to fit inside the window, scrollbars are automatically added to the sides of the display, although these can be disabled with the Settings menu.

Note that the Toolbar and the Page List can be hidden with the [Settings](#) menu options to give more space on the screen for the content area.

You can scroll up and down in a page with the Up Arrow and Down Arrow keys, or use the View → Read Up (**PageUp**) and View → Read Down (**PageDown**) options to scroll through the entire document.

The Read Up and Read Down -Toolbar buttons do what they say, or you can go immediately to any page with a left mouse button click on the appropriate entry in the Page List.

If selected in the Settings menu a Page List will be displayed at the left side of the window. This list has two columns: the first may contain a flag indicating that the page has been marked, the second contains the page numbers. You can use this page list to navigate through the document or to mark pages for printing.

You can toggle the 'page marked' flag for the currently displayed page with Ctrl+Shift+M or for any page by left mouse button clicking on it in the Page List. You can also clear or change your page marks using the context menu that is activated by right mouse button clicking anywhere in the Page List area or by selecting the [Edit](#) menu.

Chapter 3

The Menubar

3.1 The File Menu

File → **Open... (Ctrl+O)** Open a file. If a file is currently being displayed it will be closed.

File → **Open Recent** Open a file selected from a combo box of recently opened files. If a file is currently being displayed it will be closed.

File → **Save As...** Save the currently open file.

File → **Print... (Ctrl+P)** Print the currently displayed document. The Print dialog box will let you choose to print all or selected (marked) pages.

File → **Document Info** Display some basic information about the document.

File → **Quit (Ctrl+Q)** Close down KGhostView.

3.2 The Edit Menu

NOTE

You can also get this menu by right mouse button clicking anywhere in the Page List area.

Edit → **Mark Current Page (Ctrl+Shift+M)** Toggle the page marked flag for the current page.

Edit → **Mark All Pages** Set the page marked flag for all pages of the document.

Edit → **Mark Even Pages** Set the page marked flag for all even numbered pages in the document. Used in conjunction with Mark Odd Pages or Toggle Page Marks this provides a convenient way of double-sided printing a document on a single sided printer

Edit → **Mark Odd Pages** Set the page marked flag for all odd numbered pages in the document.

Edit → **Toggle Page Marks** Toggle the page marked flags for all pages in the document.

Edit → **Remove Page Marks** Clear the page marked flags for all pages in the document.

3.3 The View Menu

View → **Reload (F5)** Re-render the current document page.

View → **Maximize (M)** This option maximizes the KGhostView window.

View → **Full Screen Mode (Ctrl+Shift+F)** This option maximizes the KGhostView window and the currently shown page. Even the window decorations (titlebar etc.) are temporarily removed. To switch back to normal window mode, press the **ESC** key or the shortcut **Ctrl+Shift+F** again, or open the context menu with a right mouse button click and select **Exit Full Screen Mode**.

View → **Orientation** Change the orientation of the displayed page. You can choose between **Auto**, **Portrait**, **Landscape**, **Upside Down** and **Seascape** which is like **Landscape** but the other way up.

View → **Paper Size** Lets you view the document as if it were printed on different paper sizes without changing the scale. You should normally choose **Auto**.

View → **Zoom In (Ctrl++)** Increase the magnification of the document view.

View → **Zoom** Select a predefined zoom factor.

View → **Zoom Out (Ctrl+-)** Decrease the magnification of the document view.

View → **Fit to Page Width** Scale the display so a page width fits exactly across the main display area.

View → **Fit to Screen (S)** Scale the display so the entire page fits exactly across the main display area.

View → **Previous Page (Ctrl+PageUp)** View the previous page of the document.

View → **Next Page (Ctrl+PageDown)** View the next page of the document.

View → **First Page (Ctrl+Home)** Go to the first page of the document.

View → Last Page (Ctrl+End) Go to the last page of the document.

View → Go to Page Go to a selected page of the document.

View → Read Up (PageUp) Scroll backwards through the document.

View → Read Down (PageDown) Scroll forwards through the document.

3.4 The Settings Menu

Settings → Show/Hide Menubar (Ctrl+M) Toggles the menubar on/off.

Settings → Show/Hide Toolbar Toggle the Toolbar display on and off.

Settings → Show/Hide Statusbar Toggle the Status bar display on and off.

Settings → Full Screen Mode (Ctrl+Shift+F) This option maximizes the KGhostView window and the currently shown page. Even the window decorations (titlebar etc.) are temporarily removed. To switch back to normal window mode, press the **ESC** key or the shortcut Ctrl+Shift+F again, or open the context menu with a right mouse button click and select Exit Full Screen Mode.

Settings → Configure Shortcuts... Opens a dialog for changing the shortcuts. Using this option you can change the standard key shortcut for KGhostView's commands or create new ones.

Settings → Configure Toolbars... Opens a dialog for configuring the toolbar. You can add and remove toolbuttons for KGhostView's commands with this option.

Settings → Show/Hide Scrollbars Toggle the horizontal and vertical scrollbars on and off.

Settings → Show Page List Toggle the Page List on and off.

Settings → Show Page Labels If this is selected the name (if any) of the current page is displayed in the Status Bar.

Settings → Watch File If this is selected the display will automatically update if the document file changes.

Settings → No Flicker If this is selected the display will start showing objects instantly as they are rendered, otherwise the whole page is rendered off-screen and then displayed.

Settings → Configure KGhostView... Brings up the KGhostView [configuration dialog box](#).

3.5 The Help Menu

Help → **KGhostView Handbook (F1)** Invokes the KDE Help system starting at the KGhostView help pages. (this document).

Help → **What's This? (Shift+F1)** Changes the mouse cursor to a combination arrow and question mark. Clicking on items within KGhostView will open a help window (if one exists for the particular item) explaining the item's function.

Help → **Report Bug...** Opens the Bug report dialog where you can report a bug or request a 'wishlist' feature.

Help → **About KGhostView** This will display version and author information.

Help → **About KDE** This displays the KDE version and other basic information.

Chapter 4

Configuration

The configuration dialog box is accessed with the Settings → Configure KGhostView... option. It has two pages; General and Ghostscript Configuration

4.1 General Settings

You can select Enable anti-aliasing of fonts and images to get smoothly rendered text, but note that anti-aliasing is memory intensive and slower than straightforward rendering of fonts. Early versions of Ghostscript could not perform anti-aliasing.

Select Use platform fonts if you wish to use your native system fonts rather than those that come with Ghostscript.

Turn Show Ghostscript messages in a separate box on if you want to be informed of any output or error messages generated by the Ghostscript interpreter.

You can choose whether KGhostView uses a Monochrome, Grayscale or Color Palette for the display.

4.2 Ghostscript Configuration

In this dialog box page you can set the name of the Ghostscript Interpreter: executable and the Non-antialiasing arguments: and the Antialiasing arguments: passed to it. The default settings should be suitable for most systems.

Chapter 5

Credits and License

KGhostView

PROGRAM COPYRIGHT:

- Mark Donohoe donohoe@kde.org (original author) 1998
- David Sweet dsweet@kde.org Maintainer 1999-2000
- Wilco Greven greven@kde.org Current maintainer
- David Faure faure@kde.org (basis for shell)
- Daniel Duley mosfet@kde.org (port to Kparts)
- Espen Sand espensa@online.no (dialog boxes)

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Appendix A

Installation

KGhostView is part of the KDE 3 project, details of which can be found at <http://www.kde.org>.

To use KGhostView, you must have the Ghostscript program as well as KDE 3 installed on your machine. The Ghostscript home page is at <http://www.cs.wisc.edu/~ghost/>

Most distributions will include KGhostView, but if you want to roll your own the source code can be found in the kdegraphics package on <ftp://ftp.kde.org/pub/kde/>, the main ftp site of the KDE project.

In order to compile and install KGhostView on your system, type the following in the base directory of the KGhostView distribution:

```
% ./configure
% make
% make install
```

Since KGhostView uses **autoconf** and **automake** you should have no trouble compiling it. Should you run into problems please report them to the KDE mailing lists.