

The Kandy Handbook

Cornelius Schumacher



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Contents

1	Using Kandy	1
1.1	The Terminal Window	1
1.2	Mobile Interface Window	1
1.3	Configuring Kandy	2
2	Menu Reference	3
2.1	File menu	3
2.2	Show Menu	3
2.3	Modem menu	3
2.4	Settings menu	3
2.5	Help menu	4
3	Credits and Licenses	5
A	Installation	6
A.1	How to obtain Kandy	6
A.2	Requirements	6
A.3	Compilation and Installation	6
B	Developer Information	8
B.1	DCOP Interface	8

Abstract

Kandy is an application for synchronizing the data on a mobile phone with the data on the desktop.

Chapter 1

Using Kandy

1.1 The Terminal Window

The terminal window provides a low-level interface for controlling the mobile phone via AT modem commands. You can type in commands in the upper middle field: the lower-middle fields show the direct response of the mobile phone; the right side of the main window shows the processed output.

On the left side you have the list of available commands; you can execute them by double-clicking on them or by pressing the Execute button. The modem response output fields show what happens. If you have typed in a new command you can add it to the list of available commands by pressing the Add button; a dialog will pop up to allow you select a name and parameters for the command.

The command list is saved to an XML file by selecting Save from the menu or by pressing the corresponding toolbar button. You can load an existing file by selecting Open from the menu.

1.2 Mobile Interface Window

By choosing Mobile GUI from the Show menu of the terminal window you open the Interface Window for your mobile phone. This shows a comprehensive view of the status and data present on the phone including the phonebook. There are two lists of phonebook data: one representing the KDE address book; the other representing the data on the phone.

You can read the phone books by pressing the Read button right under the corresponding list. By pressing the Write button you write back the data shown in the list to the corresponding phonebook. By pressing Save to File you can store the mobile phonebook as list of comma-separated values to disk. After loading the phonebook data using the Read buttons you can merge the phonebooks by

The Kandy Handbook

pressing the Merge button: this will put data only present in one of the phonebooks into the other and vice versa; if conflicts occur during this process, a dialog pops up.

The Sync button performs all the actions needed for syncing the phonebooks. It reads the data from the KDE addressbook and the mobile phone, does the merge and writes it back.

1.3 Configuring Kandy

By selecting the entry Configure Kandy from the menu you get the preferences dialog of Kandy. You can set the name of the serial device where your mobile is connected in this dialog; examples for the name of the serial device under Linux® are `/dev/ttyS0` for the first and `/dev/ttyS1` for the second serial interface of your computer. You can also set which windows are opened by default when starting Kandy.

Chapter 2

Menu Reference

2.1 File menu

File → **Quit (Ctrl+Q)** Exit Kandy.

2.2 Show Menu

Show → **Terminal** Open the terminal window, where you can interact with your phone via **AT** commands.

2.3 Modem menu

Modem → **Connect** Connect to your phone.

Modem → **Disconnect** Disconnect from your phone.

2.4 Settings menu

Settings → **Show Toolbar** Toggle whether the toolbar should be displayed.

Settings+Show Statusbar Toggle whether the statusbar should be displayed.

Settings → **Configure Shortcuts...** Open a standard dialog to modify shortcut keybindings.

The Kandy Handbook

Settings → **Configure Toolbars...** Open a standard dialog to modify the icons on the toolbar.

Settings → **Configure Kandy...** Opens a dialog where you can customize the application.; this is described further in the [Section 1.3](#) section.

2.5 Help menu

Help → **Kandy Handbook (F1)** Invokes the KDE Help system starting at the Kandy 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 Kandy 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 Kandy** This will display version and author information.

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

Chapter 3

Credits and Licenses

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Documentation by Cornelius Schumacher, with additions by Lauri Watts lauri@kde.org.

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Appendix A

Installation

A.1 How to obtain Kandy

Kandy is part of the KDE project <http://www.kde.org/> .

Kandy can be found in the kdepim package on <ftp://ftp.kde.org/pub/kde/> , the main FTP site of the KDE project.

A.2 Requirements

You will need to have the kdelibs package installed in order to successfully compile the kdepim package that contains Kandy. The kdelibs package may be found at the same location as the kdepim package.

The KAddressBook is part of the kdebase package. This can also be found at the same location as the kdepim package.

A.3 Compilation and Installation

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

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

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

The Kandy Handbook

Compiling and installing the required kdelibs package follows the same process. If you encounter any problems compiling or installing Kandy, help may be obtained from the [KDE mailing lists](#) or from the Usenet newsgroup: comp.windows.x.kde.

Appendix B

Developer Information

B.1 DCOP Interface

Kandy provides a DCOP interface `KandyIface` with the following functions:
`syncPhonebook()` syncs the mobile phone book with the KDE address book. This is equivalent to pressing the Sync button in the Mobile Interface Window. `exit()` closes Kandy.