

A Simple User's Guide for KPhone

Installation

- if you have any previous installations of KPhone you should uninstall them by issuing a 'make uninstall' in a corresponding KPhone source directory
- on a Linux machine, unpack the distribution source to a directory of your choice run the configure script ('./configure')
 - o you can define multiple options for the configure script, use 'configure --help' to list all the available options (such as installation prefix setting)
- run make ('make')
- as root, run make install ('make install')

Running KPhone and setting your SIP identity

After a successful installation of KPhone, you can run it by issuing 'kphone' from terminal. Of course you have to be running some kind of X Window System to use KPhone in the first place. If you specified a different installation directory than the default, you may have to give the full path to the KPhone binary in order to run it.

When starting KPhone for the first time, you should enter your identity information in the window appearing. If you're just in for a quick look at the program, you may as well forget this part. The information **required** for successful sipping are "Full Name", "User part of SIP URL" and "Host part of SIP URL". If you have a NAPTR/SRV enabled DNS-server you can leave the "Outbound Proxy" and "Authentication Username" fields empty, as KPhone will automatically search for the server information by the "Host part of SIP URL" and prompt the username/password. Mark the auto register selection if you wish KPhone to automatically register your identity on application start. If you want to use multiple identities, start KPhone with the **-u** option and the username of your selection. For example **'kphone -u jsmith'**.

The main user interface

Let's look at the main KPhone UI. The identity editor can be displayed again by selecting **File -> Identity** or by clicking the identity button on the upper part of the UI. If you are behind a NAT (Network Address Translation) device, you should go to **Preferences -> SIP Preferences -> Socket** and enable the STUN (Simple Traversal of UDP through NAT) option. You can enter your own STUN-server address and port in the according field, but Wirlab has a STUN server available, too. The STUN option enables KPhone to run (in most cases) behind address translation. The request period for the STUN server refers to the time after which your STUN request is renewed. From the **Settings** tab you are able to set other options such as register time.

The right button of your mouse is your best friend in KPhone's main UI. By clicking the right mouse button (RMB) in the main window you get a menu including all important functions of KPhone. You should edit the Phone Book and enter all your favourite contacts there. Of course this is not mandatory but it increases your efficiency with KPhone. When adding contacts to your Phone Book, simply click **Add** and enter the person's real name, SIP identity and the optional description. If you want your contacts to be displayed in the main UI, just check the "Add Identity ..." box. After editing your contacts you can return to the main UI by clicking **Hide**. All your selected contacts should now appear there.

Making calls and sending instant messages to your contacts is easy with the RMB. Just click and select the function which you'd like to initiate. The **Send Message** and **Call** dialogs differ from each other pretty much so let's take a look at them individually. The **Send Message** window simply displays your contact with the Status and Message fields. You can write you messages to the Message field and click the Send button to kick the message on the way. All messages and information is displayed in the Status window. The **Call** window includes the contact field (as **Remote**), the Dial and Hangup buttons as well as Hold and Hide. The "..." button enables you to open the Phone Book from the dial view.

There is Presence / Instant Messaging in KPhone. You can switch between online/offline state by clicking the monitor-button on the lower part of KPhone's main UI. Using the instant messaging is described above.