Using `KEYAPP.EXE`

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`KEYAPP.EXE` is a Microsoft Windows application which computes S/KEY™ one-time passwords, given an S/KEY challenge and a user's secret password. It is designed to be used in conjunction with the S/KEY authentication system, the local implementation of which is described in *The S/Key Password System*, a separate document available in the CSEL office. Used in conjunction with the Windows Clipboard, `KEYAPP` is a very convenient and easy-to-use means of calculating S/KEY passwords.

Installation

KEYAPP.EXE and its source code are available in the CSEL office, or in the directory `/usr/local/lib/skey/windows` from any departmental Sun. To install the program, simply copy it into the location of your choice on your PC. You may wish to create an icon for it, so that it can be started via a mouse click under Windows. Your Windows manual or on-line help explains how to do this.

Operation

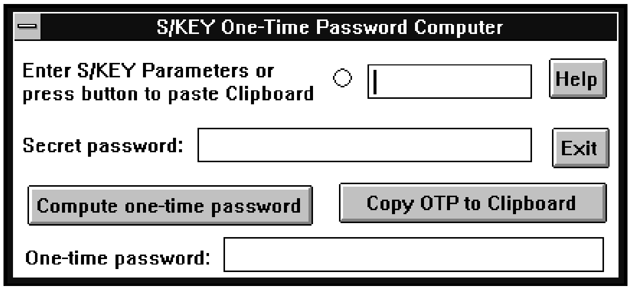

Figure 1

To run the program, click on its icon, or use "File->Run" from the Program Manager menu bar. When `keyapp` runs, it will pop up a window (*see Figure 1*). If you've already cut the S/KEY challenge to the Windows Clipboard, you can paste it into `keyapp` by clicking on the circular button. Alternatively, you can type the challenge into the top data-entry field. You should then enter your secret password in the obvious location, and click on the `Compute one-time password` button. Your secret password will not be shown when you enter it. Your S/KEY one-time password for this session will appear in the box labelled `One-time password`. If you click on the button labelled `Copy OTP to Clipboard`, the password will be copied to the Windows Clipboard, from which it can be pasted into the waiting `telnet` session.

Additional Information

Additional information concerning the program is available via the `Help` button.

Macintosh users should refer to the document *Using S/KEY the Mac,* which describes similar software for the Macintosh platform.

UNIX users should refer to the on-line man pages for `winkey` and `key`, as well as to *The S/Key Password System.*

DOS users should refer to the document *Using `TERMKEY.EXE`,* or to the on-line man page for `termkey` (although it is a DOS program, there is a UNIX-style man page for `termkey`).