

## **Secure**

Secure provides *private single* key encryption to user files. It can be used either as a standalone or Services menu application.

### *Installation...*

To use Secure as a Services application, install in ~/Apps (or somewhere in your ApplicationPaths) and either Logout/Login or select Workspace menu "*View -> Update Viewers*". Consequently, applications which can provide Filenames to the pasteboard will dynamically have a "*Services -> Secure*" menu available. Some of the applications which can provide pasteboard Filenames include Workspace, Librarian, and Edit.

**Following are descriptions of Secure's main panels and selection items...**

### *Main panel...*

Users can simply encrypt or decrypt files into either plain files or cipher files, respectively, via one of four methods: dragging and dropping files over the application icon or the main panel's icon well, using the *Services->Secure* menu available to certain applications, or double-clicking (opening) files of type .secure in the Workspace (deck-of-cards multiple selections are permitted).

[future] Keys used in encrypting can be one of either Default, Public, or One-Shot. Selecting *Default* key will require one's private key (or login password) to decrypt the file. Selecting *Public* key will require destination's private key to decrypt the file. Selecting *One-Shot* key will require an unregistered private key to decrypt the file (currently implemented).

The *Secure* button turns into a *Stop* button for the duration of the encryption. Status of the encryption (% completion) is shown via compositing (0 to 100% opaqueness) the Lock&Key (.secure) icon on top of the file's Workspace icon.

## *Preferences panel...*

[incompletely documented, see the Preferences panel for more features]

### **Options**

- ± *Remove Original plain text Files...* after encrypting a plain text file, delete the original file, making available only the encrypted (.secure) file.
- ± *Remove Original .secure Files...* after decrypting a cipher (.secure) file, delete the cipher file, making available only the plain (decrypted) file.
- ± *Auto Open Unsecured File...* after decrypting a file, automatically open the document via the Workspace. i.e., double-clicking a "xx.wn.secure" file in the Workspace will ask for a key to decrypt and then automatically open the resulting xx.wn file into WriteNow. A confirmation panel will be presented when decrypting executable files.

### *Advanced Notes...*

- ± works on directories, file wrappers and app wrappers correctly
- ± checks for the existence of the destination file before blindly destroying

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