The GNU cfs-el Manual

for version 0.5.0, 13th of October 2003

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GNU cfs-el is a frontend for using CFS (Criptographic File System) from Emacs.

This is Edition 1, 13th of October 2003, of *The GNU cfs-el Manual*, for GNU cfs-el version 0.5.0.

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1 Introduction

GNU cfs-el is not part of GNU Emacs.

GNU cfs-el is part of the GNU project, released under the aegis of GNU.

GNU cfs-el is a frontend for using CFS (Criptographic File System) from Emacs.

Please send bug-reports and suggestions or comments to: `bug-cfs-el@gnu.org`

2 News

- Changes in GNU cfs-el version 0.5.0 (stable) of the 13th of October 2003
  - Added info manual.
  - Fixes.
- Changes in GNU cfs-el version 0.4.0 (beta) of the 4th of September 2003
  - Now cfs-el is a GNU program.
  - Added 'cfs-make' function (frontend to 'cmkdir', to make an encrypted directory).
- Changes in cfs-el version 0.3.1 (alpha) of the 28th of April 2003
  - Minor fixes.
- Changes in cfs-el version 0.3.0 (alpha) of the 27th of April 2003
  - Added 'cfs-detach-all' function.
- Changes in cfs-el version 0.2.0 (alpha) of the 20th of April 2003
  - Now it isn't needed to escape special characters in the user input.
  - Now it's possible to choose the name of the cleartext directory.
  - Now supports all the 'cattach' options.
  - Now the 'cfs-mount' function is more configurable.
  - Added 'cfs-list', to list the attached directories.
  - Added selecting if being prompted for setting options.
- Changes in cfs-el version 0.1.0 (alpha) of the 19th of April 2003
  - First release.

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> being *list*. A copy of the license is included in the section
> entitled ``GNU Free Documentation License''.

If you have no Invariant Sections, write "with no Invariant Sections" instead of saying which ones are invariant. If you have no Front-Cover Texts, write "no Front-Cover Texts" instead of "Front-Cover Texts being *list*"; likewise for Back-Cover Texts.

If your document contains nontrivial examples of program code, we recommend releasing these examples in parallel under your choice of free software license, such as the GNU General Public License, to permit their use in free software.

4 Distribution

The GNU cfs-el web homepage is at `http://www.gnu.org/software/cfs-el/cfs-el.html`.

You can find the latest distribution of GNU cfs-el at `ftp://ftp.gnu.org/gnu/` or at any of its mirrors.

5 Loading

Before using cfs-el, you have to load it into your current Emacs image.

For example do: `M-x load-library RET cfs RET`.

For making Emacs loading automatically it at each startup, put in your '`~/.emacs`' file the following instruction: `(load "cfs")`.

6 Customization

cfs-el uses the Emacs customization facilities for setting preferences.

So you can use the command `M-x customize-group RET cfs RET` to access to the cfs customization group.

There are different options, but consider that there are reasonable defaults.

Please read the CFS man pages (`man cattach` for example) when the explanation of an option is not enought.

7 Usage

Here is a list of the functions defined by cfs-el.

Call them using `M-x FUNCTION RET`.

cfs-list Function
List attached directories.

cfs-check-if-mounted Function
Check if the CFS is mounted.

cfs-mount Function
Mount the CFS (restart cfsd, the CFS daemon).

cfs-attach Function
Attach an encrypted directory.

cfs-detach Function
Detach an encrypted directory.

cfs-detach-all Function
Detach all the encrypted directories.

cfs-make Function
Make an encrypted directory.

cfs-version Function
Return a string describing the version of cfs-el.

8 Authors

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9 Thanks

Kai Grojohann (2003-04-19): Suggested to use `shell-quote-argument` for escaping special chars in arguments to pass to the shell.

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