

Utroff elim tools

eliminate some strings from nroff input

(Beta version : user interface may change)

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Soelim readme

Presentation

Soelim is a pre-processor for troff which eliminates .so lines by replacing them by the content of the file they call. This version of *soelim* take care to inform troff about the new file name and line numbering.

This archive also contain two small tools, *felim* which replace fonts by strings, and *slelim* which escape some slash from troff sources.

Build and install

To build and install, edit the file config.mk from the root directory, and run :

```
| make install
```

In some circumstances, you might need utroff tools themselves to build the manual pages. In that case, build and install binaries before manual pages like this :

```
| make installbin  
| make installman
```

You can uninstall files and clean the working directory :

```
| make uninstall  
| make clean
```

For a more complete description of the build process, look at the README in the root directory.

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¹ See p. 10.

² See p. 8.

Soelim manual

Name

soelim – (utroff) eliminate .so's from nroff input

Synopsis

@BINDIR@/soelim [file] ...

Description

Soelim reads the specified files or the standard input and performs the textual inclusion implied by the *nroff* directives of the form

```
.so somefile
```

when they appear at the beginning of input lines. This is useful since programs such as *tbl* do not normally do this; it allows the placement of individual tables in separate files to be run as a part of a large document.

Note that inclusion can be suppressed by using ‘’’ instead of ‘.’, i.e.

```
! 'so /usr/ucblib/doctools/tmac/s
```

This version of *soelim* keep trace of real the file name and line number, so that troff error messages still gets meaningfull.

A sample usage of *soelim* would be

```
! soelim exum?.n | tbl | nroff -ms | col | lp
```

See also

more(1) , felim(1)¹, slelim(1)².

Notes

The format of the source commands must involve no strangeness – exactly one blank must precede and no blanks follow the file name.

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¹ See p. 5.

³ See p. 10.

² See p. 6.

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Authors

Written by William JOY. Modified by Pierre-Jean FICHET.

Felim manual

Name

felim – (utroff) eliminate hardcoded fonts from nroff input

Synopsis

@BINDIR@/felim < file

Description

felim read the standard input and replace hardcoded troff font definitions (`\fx`) by strings (`*x`). This is usefull since some troff macro expect such string defined fonts.

See also

soelim(1)¹, slelim(1)².

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Author

Written by Pierre-Jean FICHET.

¹ See p. 3.

² See p. 6.

³ See p. 8.

Slelim manual

Name

slelim – escape some slash from nroff input

Synopsis

@BINDIR@slelim < file

Description

When transferring a troff document to another format of troff document using nroff, the slash written in the sources usually means that the string following should be simply written as is. *Slelim* try to handle these situation.

slelim read the standard input and replace or not the slash character following these rules :

- Inside **.vS** and **.vE** macros, nothing is done.
- If the slash is followed by a newline, an **'*** an **'n'** or another slash, *slelim* does nothing.
- If the slash is followed by an **'f'**, the **'f'** is replaced by an **'**'**, so that font definitions are replaced by a string definition.
- in all other case, the slash is escaped, ie duplicated.

See also

soelim(1)¹, felim(1)².

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Author

Written by Pierre-Jean FICHET.

¹ See p. 3.

³ See p. 8.

² See p. 5.

Changes of soelim

2013/10/30 20 :22 :14 VERSION-0.6

- troff files : fix link to license.

2013/10/30 16 :30 :27 VERSION-0.5

- makefile : FIX : scripts are in BIN variables. Files to strip are in STR variable.

2013/10/30 15 :02 :56 VERSION-0.4

- makefile : Use new build system.

2013/04/10 16 :07 :53 VERSION-0.3

- Soelim : Use allocated memory instead of destroying and recreating it for each ".so" line (bug report by Seb).

2013/04/07 17 :38 :57 VERSION-0.2

- makefile : s/ROOT/DESTDIR/g (bug report by Seb).
- soelim.c : Use malloc instead of array to define file name to fix segfault if filename is longer than 100 char (bug report by Seb).

2013/03/24 17 :15 :44 VERSION-0.1

- Initial revision.
-

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