

# *Utroff U*

*Simple script to have an easy access to utroff tools*

*(Beta version : user interface may change)*

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# *U readme*

## ***Readme***

Since *utroff*, *groff* and *Heirloom Troff* share some of the same utilities, it is wise to install each of them in three different part of the system. And since *groff* is sometimes a system dependency (at least to format manual pages), it is wise to put the directory of *utroff* at the end of your **PATH**.

The **U** script sets the **PATH** and configure some others environment variables to use easily the *utroff* utilities.

## ***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.

## ***License***

U and its man page are distributed under a two clause BSD license <sup>1</sup>.

## ***Help and bugs***

Don't hesitate to ask questions at `help at utroff dot org`. Please, send bugs and patches at `help at utroff dot org`.

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<sup>1</sup> See p. 6.

# *U manual*

## **Name**

**U** – Set environment variables to use *Utroff*

## **Synopsis**

@BINDIR@/U [**command**]

. @BINDIR@/U

## **Description**

*Utroff*, *Heirloom Troff* and *Groff* share some of the same utilities, even if their source code differ. To avoid conflicts, it is wise to put the *utroff* utilities at the end of your **PATH**, which is not hand-full for a daily usage. The **U** script will set your **PATH** and some environment variable to use *utroff* easily.

Followed by a *command*, **U** will set the environment variables for this onliest *command*. With no argument, it can be sourced to set or reset the *Utroff* environment.

The following environments variable are currently set by **U** :

**PATH** To be sure that the *utroff* executables are the first found on the **PATH**.

**MANPATH**

To be sure that the *utroff* manual pages are the first found on the **MANPATH**.

**TROFFONTS**

To find the Libertine OpenType font.

**TROFFMACS**

To find the *utmac* macros files.

**PS1** When sourced, **U** lightly modify your prompt.

There is one important environment variable that **U** does **not** set :

**UTMAC**

A user defined macro that *utmac* macros will load. This macro can be used to source a macro which sets your locale (such as *u-en* or *u-fr*), and a macro which sets your preferred font (such as *u-libertine* and *u-apolline*).

## **Example**

```
# command
U troff -muh f.tr | U dpost | ps2pdf -> file.pdf
U ugrind g.tr | U nroff -mut > g.txt
U man refer
# session
. U
troff -muh f.tr | dpost | ps2pdf - > file.pdf
ugrind g.tr | nroff -mut > g.txt
man refer
. U
```

I

### ***See also***

utroff(7).

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### ***Help and bugs***

Don't hesitate to ask questions at [help at utroff dot org](mailto:help@utroff.org). Please, send bugs and patches at [help at utroff dot org](mailto:help@utroff.org).

### ***Author***

Written by Pierre-Jean FICHET.

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<sup>1</sup> See p. 6.

## *Changes of U*

### ***2014/03/17 13 :23 :48 VERSION-0.4***

- U.sh : Fix Remove bashisms (bug report by fravashyo).
- U.sh : Fix colon separated list of directory.
- U.sh : Fix licence date.

### ***2014/03/13 09 :46 :29 VERSION-0.3***

- U.tr : Fix typo, since u has been renamed U.

### ***2014/03/12 13 :59 :49 VERSION-0.2***

- all : rename u to U, to avoid conflicts with plan9 u.

### ***2013/11/14 12 :16 :52 VERSION-0.1***

- Initial revision.
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