

lug create and edit TeX Local User Group web pages

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bash script, version=2.01

Synopsis

```
lug [options] [lug-code]
```

lug can be used to maintain the TeX Local User Group web pages, currently located at www.ntg.nl/lug. Without options, reads key=value pairs, possibly embedded in the body of a mail as sent by a web form like [here](#). You can feed the complete email (after saving it) to `lug`, or you can paste its content to standard input.

For testing, you may want to make a copy and run it from there:

```
$ cp -a /var/www/html/lug /var/www/html/lugtest
$ cd /var/www/html/lugtest
$ ./lug --help
$ (more lug calls)
```

Finally look at the results in <http://www.ntg.nl/lugtest>

Options:

```
-h, --help          Print this help and exit
-H, --Help          Print full documentation via less and exit
-V, --version       Print version and exit
-f, --full          Re-create all files
-e, --extras=STR    Re-create STR, where STR can be:
                    labels.pdf
                    lugs.pdf
                    lugs.html
                    index.html
                    links.inc
                    pagehead.inc
                    pagetail1.inc
                    pagetail2.inc
-s, --sync[=STR]    Synchronize the lug page at www.ntg.nl/STR with the current directory
                    The default for STR is lug
-c, --clean         Remove all files that can be re-created
```

Description

lug can be used to to (re-)create the web pages of the LUG database. This script must be executed in its own directory. After the script has been executed, this directory will contain the web site for the Electronic LUG Database, currently: `.`

Before execution, the directory must contain at least"

- the script (as said)
- a subdirectory containing one text file for each LUG

When people send new data by using the forms of the site, they do so by submitting the form, which causes an email with raw data to be sent to the administrator(s).

An administrator should verify the password reported in the email and then `cd` to this directory, or to a copy of it on his own computer, and he should then run:

```
$ ./lug
```

lug waits for data, which it can be given by `cut` (from the email) and `paste` (to standard input). By ending the input with `^D`, **lug** corrects the data in the directory 'lugs'

It is of course also possible to save the contents of the email into a file and then run:

```
$ ./lug <file
```

The administrator can make small correction to one country by giving the necessary input on the command line. For example, to change the email address of the treasurer of The Netherlands he can run:

```
$ ./lug
code=nl
femail=wybodekker@xs4all.nl
^D
```

Synchronize the website (www.ntg.nl/lug) with the current directory:

```
./lug --sync
```

Or, for testing purposes, synchronize www.ntg.nl/lugtest:

```
./lug --sync=lugtest
```

or, shorter:

```
./lug -slugtest
```

Remove everything that can be regenerated:

```
lug --clean
```

Regenerate everything:

```
lug --full
```

Author and copyright

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Functions used:

setkeys

```
parameters: 1: country code
description: Set the keys hash to the values taken from the file lugs/$1.
globals set: keys
globals used: -
returns: 0
```

clean

```
parameters: -
description: Remove files created but not needed for the web site or for
lug functioning.
globals set: -
globals used: -
returns: 0
```

Clean

```
parameters: -
description: Remove all files that can be re-created.
globals set: -
globals used: -
returns: 0
```

makeMakefile

parameters: -
description: Create the file Makefile
globals set: -
globals used: db
returns: 0

makepagehead.inc

parameters: -
description: Create the file pagehead.inc
globals set: -
globals used: -
returns: 0

makepagetail1.inc

parameters: -
description: Create the file pagetail1.inc
globals set: -
globals used: -
returns: 0

makepagetail2.inc

parameters: -
description: Create the file pagetail2.inc
globals set: -
globals used: -
returns: 0

makeutf82html.c

parameters: -
description: Create the file utf82html.c;
it will be compiled via Makefile
globals set: -
globals used: -
returns: 0

makelinks.inc

parameters: -
description: Create the file links.inc
globals set: -
globals used: -
returns: 0

makexx.html

parameters: 1: country code
description: Create the file lugs/\$1
globals set: (via setkeys): keys
globals used: db keys adminemail
returns:

makeindex.html

parameters: -
description: Create the file index.html
globals set: -
globals used: db fullname adminemail
returns: 0

makelugs.html

parameters: -
description: Create the file lugs.html
globals set: (via setkeys) keys
globals used: db keys fullname
returns: 0

makelugs.pdf

parameters: -
description: Create the files lug.tex and lugs.pdf
globals set: (via setkeys) keys
globals used: keys db fullname
returns: 0

makelabels.pdf

parameters: -
description: Create the file labels.tex and labels.pdf
globals set: (via setkeys) keys
globals used: keys db
returns: 0

fullname (hash)

Links the country codes to the full name of countries. Also used to test the validity of country codes.

keys, inp (hashes)

Depending on which **lug** is handled, **keys** will contain the key and values defined in the files in **lugs/**. In an edit operation, **inp** will be filled with similar keys and values that will replace those in **keys**.

db (string)

Contains the space-separated country codes for which data are available in the **lugs/** directory.

admin (string)

Contains the user name of the **lug** administrator at www.ntg.nl

adminemail (string)

Contains the email address that should receive corrections from the web site.