NAME

latex−git−log − Generates the version history of a git project as LaTeX source code.

SYNOPSIS

latex-git-log [options]

Options:

```
--author          set this if you want the author included
--startcommit     set the start value of count commit
--width           set the width in cm of the commit message field in the L
--git-c-add       set an base URL to link to a commit
--user            set a github user to derive the base URL
--repo            set a github repository to derive the base URL
--lang            language of the legend and all strings in the output
--version, -v     print version of this script
--help            brief help message
--man             full documentation
```

OPTIONS

−−width

Set the width in cm of the commit message field in the LaTeX table. If this parameter is not set then the table is not vertically limited. That means that if you have a very long commit message then the table will probably not fit on the page and you will get a ‘‘Overfull’’ error message from TeX.

In this case you should specify the width of the column containing the commit messages. I normally use something like −−width=14 for DIN A4 in landscape.

−−git−c−add

Set an base URL to link to a commit. This script will automatically try to use the base URL for github.

−−lang Set the language of the legend and all strings in the output. Be default the language of your system is used but you can overwrite this with this parameter.

Currently this script only supports English and German. If you need a translation to another language then you can either create a .po file or I can register this project on one of those websites for online translation.

Example

You can use it like this:

```
latex-git-log --width=6 --lang=en > example-output.tex
```

DEPENDENCIES

Of this script

This module requires these other modules and libraries:

```
IPC::System::Simple
Locale::Maketext::Simple
```

Everything else should already be installed.

To compile the output

The table is using the **longtable** package and the links to a web resource for each commit use the \href macro from **hyperref**. So these two packages have to be loaded.

Furthermore you need to defined the macro **\longtableendfoot** which will be expanded on the bottom of every page if the table will be continued on the next page. You can defined it to a localized message to inform the reader that this table is not complete and will be continued.

DESCRIPTION

This program will output the entire version history as table written in LaTeX if it is executed within a git repository.

It is intended that you redirect the standard output of this script to a file which can then be included from your main TeX document.

Because the table can be very large you might want to put the thing on a landscape page.

Version

0.9

AUTHOR

Robin Schneider <ypid23@aol.de>

Development

Source code repository: https://github.com/ypid/typesetting/tree/master/scripts/latex−git−log

Please report bugs and feature requests at https://github.com/ypid/typesetting/issues

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