Websourcebrowser
Source code at a glance

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Stefan Schwarzer, SSchwarzer.com
info@sschwarzer.com

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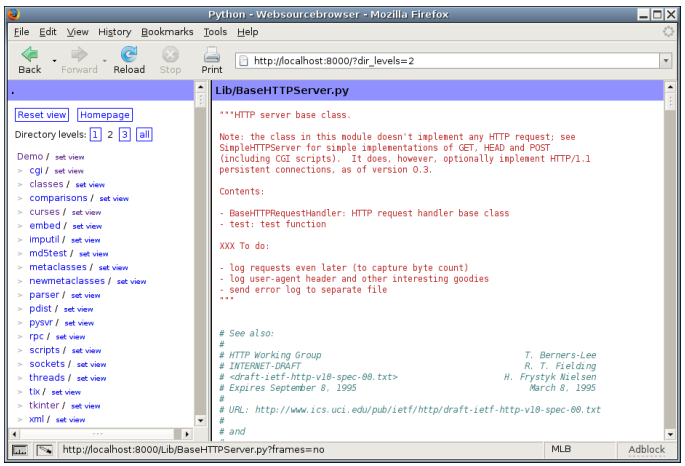
Motivation

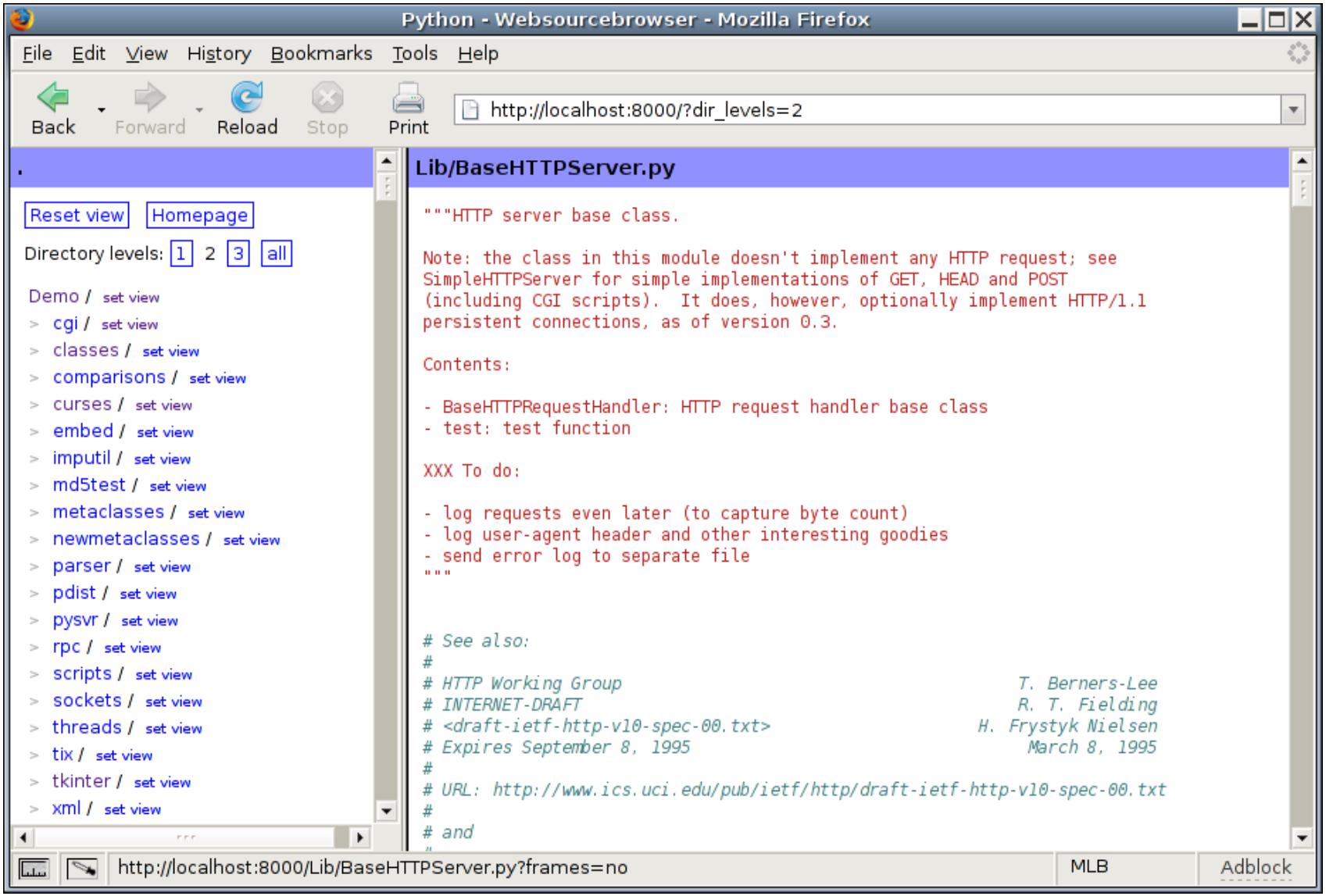
- Contribution to an existent project
  - Open source projekt (Python, TurboGears, . . .)
  - Maintain an employer's code
  - . . .
- File managers and editors have their limitations
  - Either directory structure or file visible
  - In general, not usable via shell login

Features

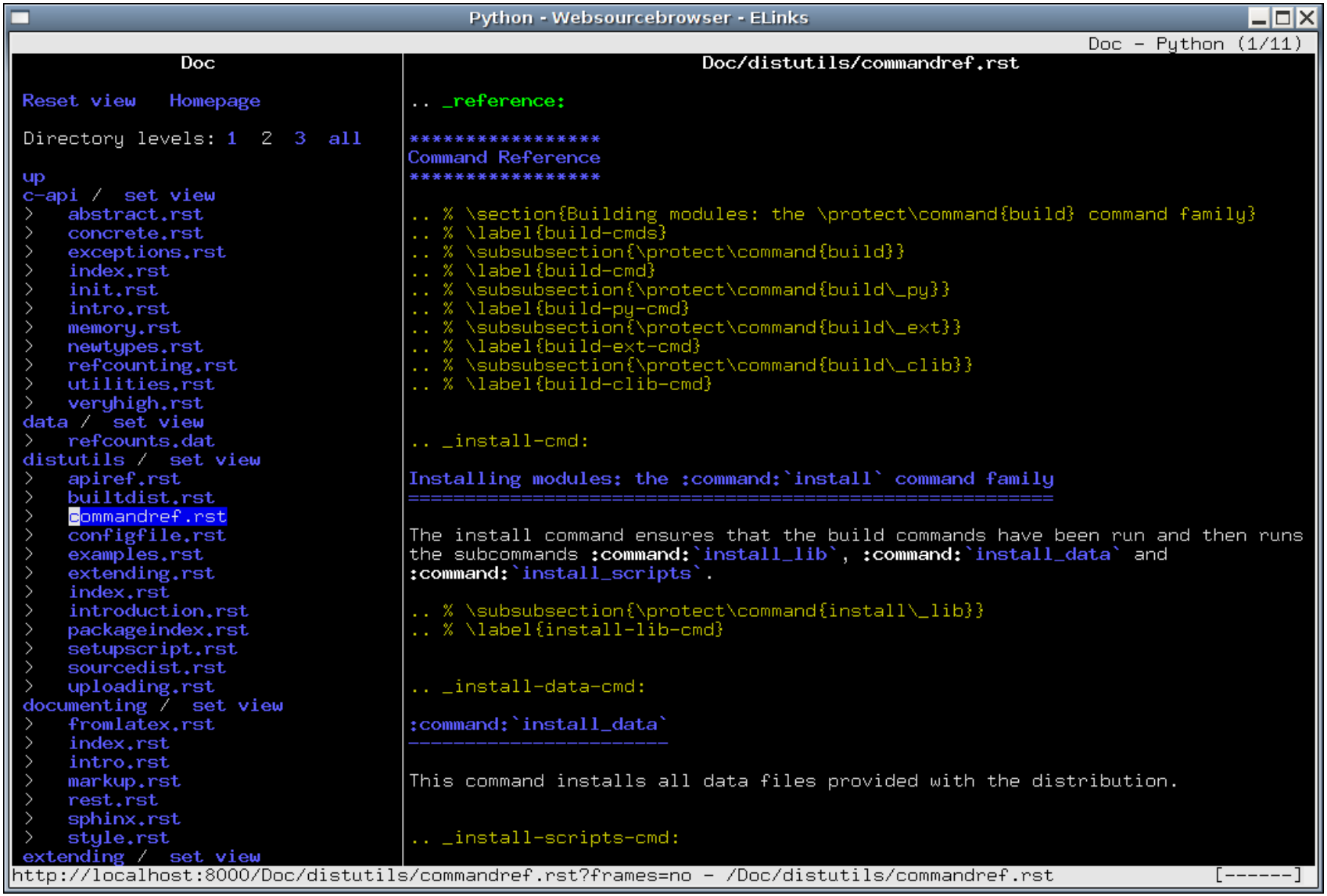
- Easy to use, minimal requirements
- Websourcebrowser is a webserver (think `pydoc -p`)
- Usable with every webbrowser, locally or remotely
- View directories and files side-by-side
- Syntax highlighting if Pygments is installed
- Cross-platform (tested on Linux and Windows)
- Open source (MIT license)



Web interface



Source code in ELinks text browser



Website

http://websourcebrowser.sschwarzer.net

Websourcebrowser

Search

Login | Settings | Help/Guide | About Trac

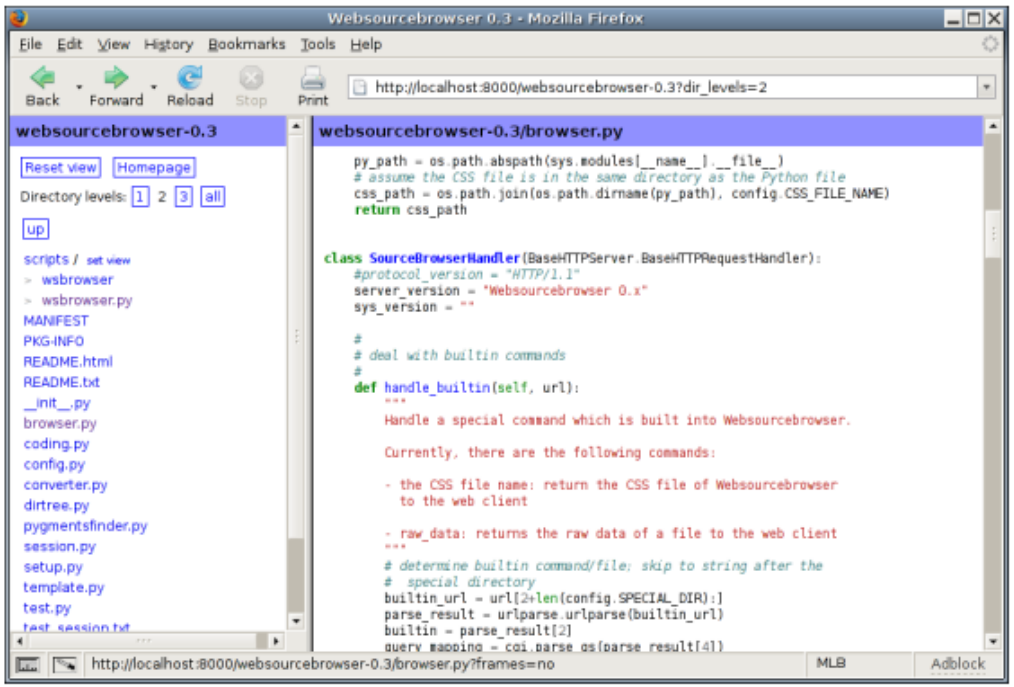
Wiki | Timeline | Roadmap | Browse Source | View Tickets | Search

Start Page | Index by Title | Index by Date | Last Change

Websourcebrowser

Purpose

Websourcebrowser makes it easy to visually scan trees of source code. In particular, you can view the directory tree and the source code of a file side by side, so you can quickly change to a different file. Get release 0.3 (alpha).



Features

- Platform-independent, any web browser can be used to view the source code
- Includes a small webserver, so the source code and the browser to view it can be on different computers
- By default, they are on the same computer :-)
- If ⇨ Pygments is installed on the server side, which may be the local computer, source code is automatically highlighted
- Image files supported by the browser are displayed
- Binary files are displayed as hexdumps
- Written in portable ⇨ Python
- ⇨ Open Source (⇨ MIT license)

Website contents

- Documentation in ManPage style (see also InstallationInstructions for the installation)
- Download

Ideas for further development

- Improve navigation/orientation
- File-specific views (e. g. list contents of archive files)
- Speed improvements (caching)
- Make better suited for public websites (multithreading)
- JavaScript, maybe AJAX (optional, Websourcebrowser should still work in text browsers)
- Turn import/include statements into links
- Search function
- Outline ("table of contents") of source code files

Wanted :-)

- Security audit (continuous activity)
- User interface ideas
- Bug reports
- Patches
- More wiki pages
- Feedback, e. g. at this conference ;-)

What about a sprint?

Talk to me!