

CSSE1001

28/05/2009

Assignment 3 - TumblrServ - Installation Document

Development Environment:

OS: Mac OS X 10.5.6 (Intel)

IDE: TextMate / Coda

Python Version:

Python 2.5.1 (r251:54863, Jan 13 2009, 10:26:13)
[GCC 4.0.1 (Apple Inc. build 5465)] on darwin

Prerequisite Libraries:

The following third party libraries are required to run TumblrServ:

- CherryPy
- ClientForm
- PyYaml
- PyJson

All of the above libraries can be installed using `easy_install` (with the exception of PyJson which is already included in the distribution):

```
easy_install CherryPy ClientForm PyYaml
```

Basic Configuration

The program requires some basic configuration to unlock full functionality. The file `cherrypy.conf` in the data folder needs to have the absolute path of the `tumblrserver.py` folder set:

```
tools.staticdir.root = "/path/to/tumblrserver"
```

The server also needs data before it can be run. This can be produced using the `--pull-data` command line switch on `tumblrserver.py`:

```
python tumblrserver.py --pull-data ilikewatermelon
```

After completing these steps, simply run from the folder containing `tumblrserver.py`:

```
python tumblrserver.py
```

and the server should boot up at <http://localhost:8000> (assuming the port configuration has not been changed).

Theme files can be edited on the fly (while the server is running) but a configuration change requires that the server be restarted.