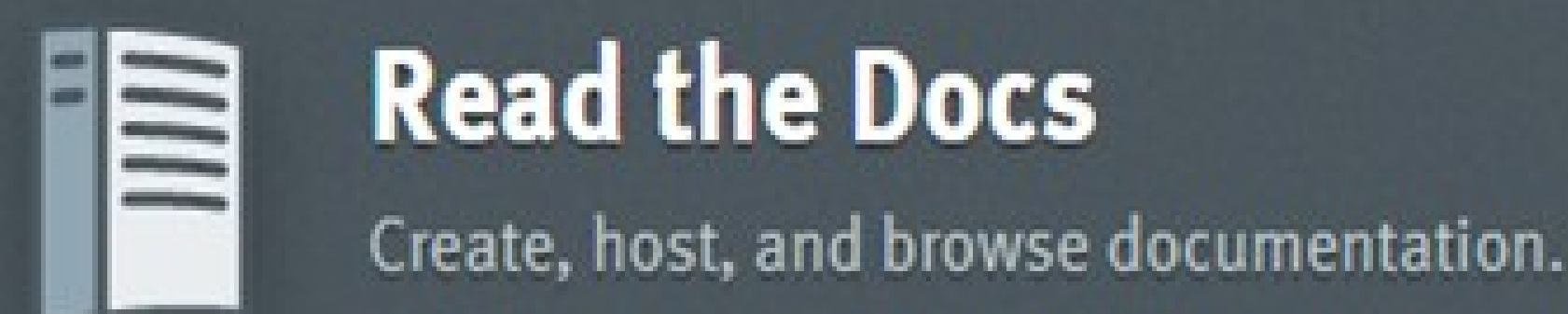


Team Lucky 7- Read the Docs



What is Read the Docs?

Read the Docs is a documentation hosting service for the open source community. It is mainly written in Python and is used to make project documentation fully searchable and easy to find. It also has version control so that documents can be built from tags and branches of code in the repository. The documents can be imported using any major version control system. Read the Docs documents can also be built automatically when committing code.

Team Members

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GitHub

<https://github.com/michaelhblackburn/CSCI362>

Testing Framework

As part of the initial construction for our testing framework, we tested two methods in the nginx-smoke-test python file, found in the Read the Docs documentation. We passed URLs from test cases to methods and checked whether or not they were served by nginx, django, or perl. Additionally we passed invalid URLs to check for false positives.

We created a script, runAllTests.sh, which handles the entire framework per our given specification. The driver test.py contains only one simple method: runMethod(method,url). Which will call the appropriate method to be tested. If a file is being executed then it will call runMethod with *sys.argv[1:] or in other terms, the command line arguments provided by the script.



Testing Report

For each test case the results will be recorded into an HTML file with the test number, the requirement and the method being tested, the input, the oracle, and the output. Once testing has finished, the output.html file that is stored in /temp will be opened in the system's default browser.

Test	Requirement	Method	Input	Oracle	Output	Result
1		served_by_nginx	https://pip.readthedocs.org/en/latest/	True	True	✓
2		served_by_nginx	http://docs.fabfile.org/en/latest/	True	True	✓
3		served_by_nginx	https://pip.readthedocs.org/en/latest/usage.html	True	True	✓
4		served_by_nginx	https://pip.readthedocs.org/en/1.4.1/	True	True	✓
5		served_by_nginx	https://pip.readthedocs.org/en/1.4.1/news.html	True	True	✓
6		served_by_nginx	http://docs.fabfile.org/en/latest/usage/execution.html	True	True	✓
7		served_by_nginx	http://phpmyadmin.readthedocs.org/ja/latest/	True	True	✓
8		url is served by nginx and return 200 OK	http://phpmyadmin.readthedocs.org/cs/latest/	True	True	✓
9		served_by_nginx	http://phpmyadmin.readthedocs.org/en/latest/	True	True	✓
10		served_by_nginx	https://ericholschercom.readthedocs.org/en/latest/	True	True	✓
11		served_by_nginx	https://ericholschercom.readthedocs.org/about/	True	True	✓
12		served_by_nginx	https://ericholschercom.readthedocs.org/en/latest/about/	True	True	✓
13		served_by_nginx	http://docs.pylonsproject.org/projects/pyramid/en/latest/	True	True	✓
14		served_by_nginx	http://docs.pylonsproject.org/projects/pyramid-amon/en/latest/genindex.html	True	True	✓
15		served_by_django	https://readthedocs.org/search/	True	True	✓