pum2pum

Test cases

2012-04-10

Contents

Versions

Version	Date	Changes	By
0.1	2012-04-10	First version.	nicol271

1 System quality tests

Tests overall, system-wide qualities.

1.1 Usability

1.1.1

How to measure	A tester is given the following tasks: read a thread, reply to the thread, and create a new thread.
Requirement	3 out of 4 randomly chosen testers must be able to fullfill the tasks, see R.1.1.0.1

1.2 Performance

1.2.1

How to measure	By navigating through the system, measuring the response time using the net-panel in the browser web developer tools.
Requirement	Response time less than 2 seconds, see R.1.2.0.1

2 Testing the server

2.1 Argument handling

Tests if the server handles incorrect command-line arguments.

2.1.1

Input	Server is called without giving an appname to run
Output	Fail: A message describing the usage is shown

2.1.2

Input	An incorrect appname is given
Output	Fail: A message saying that the app could not be found

2.2 App configuration

Tests if handling of the app-definitions is correct. [To be written]

2.3 Networking

Tests if the server really can serve requests correctly.
Prerequisties: The server is running an existing app which returns known data.

2.3.1

Input	A plain HTTP GET-request without data is sent to the port that the server is listening on
Output	Pass: A response with HTTP-status code 200

2.3.2

Input	A plain HTTP-request is sent to the port that the server is listening on
Output	Pass: The body of the HTTP response consists of the known data declared in the app

2.3.3

Input	A HTTP-request with a path to a non-existing file is sent to the server
Output	Fail: A response with HTTP-status code 404