

2011-05-31 Development Sprint

General Info

Topic: Automated Release Testing

Lead(s): [Ben Wolfe](#)

Date: May 31st - June 12th 2011

Kickoff Meeting: 10am ET, Monday May 31st (find [your timezone](#))

Group Chat

via IRC on the [#openmrs-sprint](#) channel on freenode.

Use this channel for **ALL** debugging and random questions having to do with the sprint. Please avoid direct messaging to personal contacts. If you have a question, someone else probably does too, and our geographically distributed community benefits from public group discussion.

About

The goal of this sprint is to create a suite of unit tests that test web layer functionality.

Initial testing should focus on automating the Rudimentary Testing within [Testing Releases](#)

All code should be worked on in this branch: <http://svn.openmrs.org/openmrs/branches/webapp-testing>

1 minute overview

The goal of the release testing is to create a set of "stories" about what we want to test. [Example story](#).

There is then a java class that works uses that story template to execute the test. [Example java](#) and [Example step reading the template](#).

Webdriver, jetty, and selenium are used behind the scenes to script and execute the actual steps/test

Running the tests

First give maven more memory to work with:

```
export MAVEN_OPTS="-Xmx1024m -Xms256m -XX:MaxPermSize=256m"
```

To run all tests: `mvn clean integration-test -DskipTests -P integration-test`

To run tests against a pre-defined db (and specific tests): `mvn clean integration-test -DskipTests -P smoke-test -Dtest=CreateAnEncounter`

How to Participate

Add your name to the list on this [wiki page](#) (with any comments about your availability). If you want to join after the sprint has started just join the IRC channel mentioned above and say hello.

The general process:

1. Pick a ticket from the available tickets in the top-left of the dashboard.
2. If you have any questions about the ticket, ask on the group irc chat
3. Do the ticket
4. Either:
 - a. (preferred) Commit the code to the branch and open a new "post commit" review in [Crucible](#).
 - b. (not preferred) Attach a [patch](#) and click "Request Code Review" or Commit code and click "Committed Code"

Participants

- [Darius Jazayeri](#)
- [Ben Wolfe](#)
- [Wyclif Luyima](#)
- [Daniel Kayiwa](#)
- [Rafal Korytkowski](#)
- *Add your name here*

Please try to attend the kickoff meeting (see above for timing).

Tickets and Work Items

See [this sprint's JIRA dashboard](#)

All tickets with fix version of "Sprint 1" in the [APPTEST project](#).

Other Resources

- checkout: <http://svn.openmrs.org/openmrs/branches/webapp-testing>
- browse: <https://source.openmrs.org/browse/OpenMRS/webapp-testing>
- <https://tickets.openmrs.org/browse/APPTTEST>
- <https://tickets.openmrs.org/browse/TRUNK-2137>
- Zabil's initial email about the patch: <http://openmrs-mailing-list-archives.1560443.n2.nabble.com/no-subject-td6207156.html>
- TODO: add more resources