

Mac OS X Port Testing

Running jtreg

`jtreg` is the test harness used by the OpenJDK test framework. The script `linux/jtreg` is a shell script that runs fine on Mac OS X. It will run all the tests under `$SRC/jdk/`.

By default `jtreg` will use the current `jvm` for running both the test harness and the tests themselves.

The examples below use the `jtreg` option `-jdk` to specify the JDK compiled in the `macosx-port` source directory.

Example: running all the jdk tests (*takes a long time*):

```
cd <path-to-macosx-port-source>/jdk/  
<path to jtreg>/linux/bin/jtreg -jdk:../build/macosx-universal/j2sdk-bundle/1.7.0.jdk/Contents/Home/ -v:summary  
test
```

Example: running just the jdk java/lang tests (*approximately 340 tests; completes in about 6 minutes*):

```
cd <path-to-macosx-port-source>/jdk/  
<path to jtreg>/linux/bin/jtreg -jdk:../build/macosx-universal/j2sdk-bundle/1.7.0.jdk/Contents/Home/ -v:summary  
test/java/lang
```

If you run `jtreg` by making a symbolic link to `linux/jtreg` in another directory already on your `PATH` you will need to export a `JT_HOME` environmental variable.

jtreg known failures

- `com/apple/eawt/DockIconTest.java` (Issue: `MACOSX_PORT-395`)
- `com/apple/eio/FileManagerTests.java` (Issue: `MACOSX_PORT-415`)
- `java/awt/Container/isRemoveNotifyNeeded/JInternalFrameTest.java` (Issue: `MACOSX_PORT-5`)
- `java/awt/Frame/SetMinimumSize/MinSizeTest.java` (Issue: `MACOSX_PORT-166`)
- `java/awt/Frame/ExtendedState/MaximizedBoundsTest.java` (Issue: `MACOSX_PORT-385`)
- `java/awt/Frame/Misc/MixedItemsTest01.java` (Issue: `MACOSX_PORT-422`)
- `java/awt/event/FocusEvent/FocusParity01.java` (Issue: `MACOSX_PORT-423`)
- `java/awt/Dialog/ModalZOrder/ModalZOrder.java` (Issue: `MACOSX_PORT-422` or `MACOSX_PORT-423`)
- `java/awt/event/AWTEvent/Container/ContainerAddedTest.java` (Issue: `MACOSX_PORT-424`)