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)