

Apache Ant

I checked out the source code from http://svn.apache.org/repos/asf/ant/core/tags/ANT_165/ and tried to run its testcases on winXP. The result is posted as follows,

How to run ant test on harmony jdk

- Download source code.
- copy tools.jar and javac.exe to the corresponding location of HDK
- modify the build.xml to
 - set the property test.haltonfailure to "no".
 - add the tools.jar to classpath for testing javac task.
 - fork a harmony jvm when run junit task.
 - change the result format from plain to xml.
 - add a target for generating html report.
- set JAVA_HOME to HDK
- run test R15.0\bin\java -cp \$ANT_HOME\lib\ant-launcher.jar org.apache.tools.ant.launch.Launcher test

Results, Click the number for detail

ClassLib	OS	VM	SVN reversion	Tests	Failure s	Error s	Success	Time(s)
R11.5.07	winxp sp2	NA	NA	1085	0	1	99.91%	340.703
Harmony	winxp sp2	IBM	454653	1125	15	17	97.16%	301.393
Harmony	winxp sp2	DRL	454653	1125	15	20	96.89%	356.296

Debug on IBM VME

Failures

org.apache.tools.ant.AntClassLoaderDelegationTest@testFindResources	RI may fail too, caused by duplicate lib
org.apache.tools.ant.LoaderRefTest@testBadRef	Javac Related
org.apache.tools.ant.taskdefs.AvailableTest@test21	JDK path
org.apache.tools.ant.taskdefs.ExecuteWatchdogTest@testFailed	return value of java.exe
org.apache.tools.ant.taskdefs.JavaTest@testExceptingFoeFork	JDK path
org.apache.tools.ant.taskdefs.JavaTest@testExceptingFork	different log message
org.apache.tools.ant.taskdefs.optional.depend.DependTest@testEmptySource	BuildException
org.apache.tools.ant.taskdefs.optional.depend.DependTest@testNoSource	BuildException
org.apache.tools.ant.types.AssertionsTest@testClassname	BuildException
org.apache.tools.ant.types.AssertionsTest@testMultipleAssertions	BuildException
org.apache.tools.ant.types.AssertionsTest@testOverride	BuildException
org.apache.tools.ant.types.AssertionsTest@testPackage	BuildException
org.apache.tools.ant.types.AssertionsTest@testReferenceAbuse	BuildException
org.apache.tools.ant.util.ClasspathUtilsTest@testOnlyOneInstance	should be only one default. properties in classpath
<div><ac:structured-macro ac:name="unmigrated-wiki-markup" ac:schema-version="1" ac:macro-id="62479438-db2e-4e89-82db-bb0d1b02d13a"><ac:plain-text-body><![CDATA[</div>	
org.apache.tools.ant.util.JavaEnvUtilsTest@testGetExecutableWindows	null expected: <[javac.exe] but was: <[C:\workspace\harmony\deploy\jdk\jre\bin\javac.exe]
</ac:plain-text-body></ac:structured-macro>	

Errors

org.apache.tools.ant.TaskContainerTest@testTaskdef	Javac Related
org.apache.tools.ant.taskdefs.AvailableTest@test24	Javac Related
org.apache.tools.ant.taskdefs.FixCrLfTest@testEncoding	UnicodeBig
org.apache.tools.ant.taskdefs.optional.depend.DependTest@testCache	Javac Related
org.apache.tools.ant.taskdefs.optional.depend.DependTest@testClosure	Javac Related
org.apache.tools.ant.taskdefs.optional.depend.DependTest@testDirect	Javac Related

org.apache.tools.ant.taskdefs.optional.depend.DependTest@testInner	Javac Related
org.apache.tools.ant.taskdefs.optional.depend.DependTest@testInnerClosure	Javac Related
org.apache.tools.ant.taskdefs.optional.depend.DependTest@testInnerInner	Javac Related
org.apache.tools.ant.taskdefs.optional.depend.DependTest@testNonPublic	Javac Related
org.apache.tools.ant.taskdefs.SignJarTest@testURLKeystoreHTTP	RI fail
org.apache.tools.ant.taskdefs.TouchTest@testBadPattern	different message in Exception
org.apache.tools.ant.taskdefs.UnzipTest@testEncoding	UnicodeBig
org.apache.tools.ant.types.AssertionsTest@testDisable	Javac Related
org.apache.tools.ant.types.AssertionsTest@testEmptyAssertions	Javac Related
org.apache.tools.ant.types.AssertionsTest@testNofork	Javac Related
org.apache.tools.ant.types.AssertionsTest@testOverride2	Javac Related