

# VTSM Tests

## 1. Download the suite and the tools

```
svn checkout http://svn.apache.org/repos/asf/harmony/enhanced/buildtest/trunk/tests/vts
svn checkout http://svn.apache.org/repos/asf/harmony/enhanced/buildtest/trunk/tests/tools
```

## 2. Setup the suite

```
cd vts/vm/build
ant setup
```

### 2a. Build the suite

Go to `vts/vm/build`. Edit `tested.runtime` property in `build.properties` to point to the java executable you are planning to test. Execute `ant fetch-depends build-vts` command in your preferred command line. Results

## 3. Run the suite and evaluating the results

To run VTSM go to `vts/vm/build` and execute `ant run-tests`. After test suite run is finished, you can review the results in `vts/dest` directory.

## 4. Run an individual test.

VTSM infrastructure is not suitable for running individual VTSM tests. If you are in need of running individual test you have two options.

First, you can do (1) and (2), and run your java, pointing class path to `vts/VTS-built` and specifying the test with its package name.

Second, you can checkout exactly the test you want to run (look in [WebSVN for VTSM](#) for exact path to the test directory), remove package names from test sources, build it locally and run as regular Java program.

Then you have to obtain exit code to see if the specified VTSM test has passed. 104 indicates SUCCESS, 105 indicates FAILURE, 106 indicates UNEXPECTED, all other exit codes indicate some failure not related to test itself.