**Cobertura**

**Prerequisites**

1. Ant project\_sample java project(refer compiling and instrumentation document for source code)
2. Create cobertura.xml file for the antproject and copy the following code into it

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| **Cobertura\_reports.xml** |
| **Path 🡪 AntProject/ Cobertura\_reports.xml** |
| <?xml version="1.0" encoding="UTF-8"?>  <project name="cobertura.examples.basic" default="coverage" basedir=".">  <description>  Cobertura - http://cobertura.sourceforge.net/  Copyright (C) 2003 jcoverage ltd.  Copyright (C) 2005 Mark Doliner &lt;thekingant@users.sourceforge.net&gt;  Copyright (C) 2006 Dan Godfrey  Cobertura is licensed under the GNU General Public License  Cobertura comes with ABSOLUTELY NO WARRANTY  </description>  <property file="build.properties" />  <path id="cobertura.classpath">  <pathelement location="WebContent/WEB-INF/lib/asm-5.0.1.jar"/>  <pathelement location="WebContent/WEB-INF/lib/asm-analysis-5.0.1.jar" />  <pathelement location="WebContent/WEB-INF/lib/asm-commons-5.0.1.jar"/>  <pathelement location="WebContent/WEB-INF/lib/asm-tree-5.0.1.jar"/>  <pathelement location="WebContent/WEB-INF/lib/asm-util-5.0.1.jar"/>  <pathelement location="WebContent/WEB-INF/lib/commons-lang3-3.3.2.jar"/>  <pathelement location="WebContent/WEB-INF/lib/hamcrest-core-1.3.jar"/>  <pathelement location="WebContent/WEB-INF/lib/jaxen-1.1.4.jar"/>  <pathelement location="WebContent/WEB-INF/lib/jetty-6.1.14.jar"/>  <pathelement location="WebContent/WEB-INF/lib/jetty-util-6.1.14.jar"/>  <pathelement location="WebContent/WEB-INF/lib/ant-contrib-1.0b3.jar"/>  <pathelement location="WebContent/WEB-INF/lib/cobertura-2.1.1.jar"/>  <pathelement location="WebContent/WEB-INF/lib/junit-4.11.jar"/>  <pathelement location="WebContent/WEB-INF/lib/logback-classic-1.0.13.jar"/>  <pathelement location="WebContent/WEB-INF/lib/logback-core-1.0.13.jar"/>  <pathelement location="WebContent/WEB-INF/lib/oro-2.0.8.jar"/>  <pathelement location="WebContent/WEB-INF/lib/servlet-api-2.5-6.1.14.jar"/>  <pathelement location="WebContent/WEB-INF/lib/slf4j-api-1.7.5.jar"/>  <pathelement location="WebContent/WEB-INF/lib/spring-context-2.0.5 .jar"/>    <fileset dir="${cobertura.dir}">  <include name="cobertura\*.jar" />  <include name="lib/\*\*/\*.jar" />  </fileset>  </path>  <taskdef classpathref="cobertura.classpath" resource="tasks.properties">  <classpath refid="cobertura.classpath" />  </taskdef>  <target name="coverage-check">  <cobertura-check branchrate="34" totallinerate="100" />  </target>  <target name="coverage-report">  <!--  Generate an XML file containing the coverage data using  the "srcdir" attribute.  -->  <cobertura-report srcdir="${src.dir}" destdir="${coverage.xml.dir}" format="xml" />  </target>  <target name="summary-coverage-report">  <!--  Generate an summary XML file containing the coverage data using  the "srcdir" attribute.  -->  <cobertura-report srcdir="${src.dir}" destdir="${coverage.summaryxml.dir}" format="summaryXml" />  </target>  <target name="alternate-coverage-report">  <!--  Generate a series of HTML files containing the coverage  data in a user-readable form using nested source filesets.  -->  <cobertura-report destdir="${coverage.html.dir}">  <fileset dir="${src.dir}">  <include name="\*\*/\*.java"/>  </fileset>  </cobertura-report>  </target>  <target name="coverage" depends="coverage-report,summary-coverage-report,alternate-coverage-report" description="Compile, instrument ourself, run the tests and generate JUnit and coverage reports."/>  </project> |