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TEAM Engine Build and Deployment

The following steps describe how to build and deploy the TEAM Engine with a set of test suites. If you already have the TEAM Engine WAR file (with embedded test scripts) and the UserFilesRealm.jar file, skip to step 2.

Prerequisites
- Apache Ant (for building the engine)   - Apache Tomcat   - Sun Java JDK

1. **Build the Engine (with test suites)**
   a. Check out the TEAM Engine source from the SVN trunk:
      https://teamengine.svn.sourceforge.net/svnroot/teamengine/trunk
   b. Place the test suite(s) to deploy in the TEAM Engine /scripts directory (see the OGC repository for some test suites: https://svn.opengeospatial.org:8443/ogc-projects/cite/trunk - registration required)
   c. Using the build.properties.example file as a template, create a build.properties file with the correct values for the given parameters
      i. The home property should be set to the TEAM Engine URL for where it will be deployed (i.e. "http://localhost/teamengine")
      ii. The usersdir property must be set to either "${catalina.base}/users" is using Tomcat Base or "webapps/teamengine/WEB-INF/users" if using Tomcat Home
      iii. The tomcat.dir property must point to the location of Tomcat Home
   d. Run the default ant task to build the engine with the given scripts (will create a /webapps directory in the TEAM Engine root directory containing the TEAM Engine build, also see /setup/UserFilesRealm/ for the UserFilesRealm.jar file)
   e. Place the /webapps/teamengine directory (or WAR file) in the Tomcat Base /webapps directory
2. **Setup the "users" directory**
   a. Place the /setup/UserFilesRealm/UserFilesRealm.jar file in Tomcat Home /server/lib directory
   b. IF using Tomcat Base and NOT Tomcat Home, create a /users directory in the Tomcat Base root directory
3. **Access the service**
   a. Start Tomcat and access the service via http://localhost/teamengine (hostname and port may differ)
   b. Register a user (used for storing session results), login, and begin testing (see Usage instructions)