

Apache POI - How To Build

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1. JDK Version

POI 3.5 and later requires the JDK version 1.5 or later. Versions prior to 3.5 require JDK 1.4+

2. Install Apache Ant

The POI build system requires [Apache Ant](#)

Specifically the build has been tested to work with Ant version 1.7.1. To install the product download the distribution and follow the instructions.

Remember to set the ANT_HOME environment variable and add ANT_HOME/bin to your shell's PATH.

3. Install JUnit

Running unit tests and building a distribution requires [JUnit](#).

Just pick the latest versions of the jars from [SourceForge](#) and place them in ANT_HOME/lib. Make sure that optional.jar is in ANT_HOME/lib.

4. Install Apache Forrest

The POI build system requires [Apache Forrest](#) to build the documentation.

Specifically the build has been tested to work with Forrest 0.5. This is an old release which is available [here](#).

Remember to set the FORREST_HOME environment variable.

5. Building Targets with Ant

The main targets of interest to our users are:

| Ant Target | Description |
|------------|-------------|
|------------|-------------|

| | |
|---------|---|
| clean | Erase all build work products (ie. everything in the build directory) |
| compile | Compiles all files from main, contrib and scratchpad |
| test | Run all unit tests from main, contrib and scratchpad (Requires JUnit) |
| jar | Produce jar files |
| docs | Generate all documentation (Requires Apache Forrest) |
| dist | Create a distribution (Requires JUnit and Apache Forrest) |