

# Ant build

```
<?xml version="1.0" encoding="UTF-8"?>
<!-- =====
    middleware project
    build ant

    2014.09.10 Ant Build
    ./jar/middlexxx.jar
    ./doc/          JavaDoc
    =====
-->
<project name="middleware" default="javadoc" basedir=". ">
  <description>
    description
  </description>

  <property name="src.dir" value="${basedir}/src" />
  <property name="lib.dir" value="${basedir}/lib" />
  <property name="classes.dir" value="${basedir}/bin" />
  <property name="jar.dir" value="${basedir}/jar" />
  <property name="javadoc.dir" value="${basedir}/doc" />

  <!--
    target:
      ,

    srcdir:
    destdir:
  -->
  <target name="compile">
    <javac srcdir="${src.dir}" destdir="${classes.dir}" />
  </target>

  <!-- jar
    depends:  compile
    jarfile:  jar
    basedir:  jar
    includes:
  -->
  <target name="jar" depends="compile">
    <mkdir dir="jar"/>
    <jar jarfile="${jar.dir}/middlewarexxx.jar" basedir="${classes.dir}"
includes="gov/xxx/**/*.class" />
    <!--<jar destfile="${jar.dir}/middlewarexxx.jar"
      filesmanifest="skip">
      <fileset dir="${classes.dir}" includes="gov/xxx/**/*.class" />
      <zipgroupfileset dir="${lib.dir}" includes="jpe92_sdk.jar,
jsde92_sdk.jar, jts-1.8.jar" excludes="**/*.RSA, **/*.SF, **/*.DSA"/>
    </-->
  </target>
</project>
```

```
</jar>-->
</target>

<path id="build.classpath">
  <fileset dir="${lib.dir}">
    <include name="**/*.jar" />
  </fileset>
</path>

<!-- javadoc
      depends:      compile jar
      sourcepath:
      sourcefiles:
      windowtitle:
      destdir:
      -->
<target name="javadoc" depends="compile, jar">
  <javadoc
    packagenames="src"
    classpathref="build.classpath"
    sourcepath="${src.dir}"
    sourcefiles="${src.dir}/gov/xxx/client/*.java"
    windowtitle="middleware API"
    destdir="${javadoc.dir}">
  </javadoc>
</target>

<!--                                     -->
<target name="clean">
  <delete dir="${classes.dir}/classes/*" />
  <delete dir="${jar.dir}/jar/*" />
  <delete dir="${javadoc.dir}/doc/*" />
</target>

</project>
```

- [Spring](#)

From:  
<http://jace.link/> - **Various Ways**

Permanent link:  
<http://jace.link/open/ant-build>

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