**Common Ant Tasks**

**Archive Tasks**

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| [Ear](https://ant.apache.org/manual/Tasks/ear.html) | An extension of the [Jar](https://ant.apache.org/manual/Tasks/jar.html) task with special treatment for files that should end up  in an Enterprise Application archive.  <ear destfile="${build.dir}/myapp.ear"  appxml="${src.dir}/metadata/application.xml">  <fileset dir="${build.dir}" includes="\*.jar,\*.war"/>  </ear> |
| [Jar](https://ant.apache.org/manual/Tasks/jar.html) | Jars a set of files.  <jar destfile="${dist}/lib/app.jar">  <fileset dir="${build}/classes"  excludes="\*\*/Test.class"/>  <fileset dir="${src}/resources"/>  </jar> |
| [War](https://ant.apache.org/manual/Tasks/war.html) | An extension of the [Jar](https://ant.apache.org/manual/Tasks/jar.html) task with special treatment for files that should end up in the  WEB-INF/lib, WEB-INF/classes, or WEB-INF directories of the Web Application  Archive.  <war destfile="${project.war}" index="true" needxmlfile="fasle">  <classes dir="${project.classes.dir}" />  <lib dir="${project.lib.dir}" />  <fileset dir="${project.web.dir}">  <include name="\*\*/\*.\*" />  </fileset>  </war> |
| [Rpm](https://ant.apache.org/manual/Tasks/rpm.html) | Invokes the rpm executable to build a Linux installation file. This task currently  only works on Linux or other Unix platforms with RPM support.  <rpm specFile="example.spec"  topDir="build/rpm"  cleanBuildDir="true"  failOnError="true"/> |
| [Tar](https://ant.apache.org/manual/Tasks/tar.html) | Creates a tar archive.  <tar destfile="${dist}/manual.tar" basedir="htdocs/manual"/>  <gzip destfile="${dist}/manual.tar.gz" src="${dist}/manual.tar"/> |
| [Zip](https://ant.apache.org/manual/Tasks/zip.html) | Creates a zipfile.  <zip destfile="${dist}/manual.zip"  basedir="htdocs/manual"/> |
| [Unjar](https://ant.apache.org/manual/Tasks/unzip.html) | Unzips a jarfile. |
| [Untar](https://ant.apache.org/manual/Tasks/unzip.html) | Untars a tarfile. |
| [Unwar](https://ant.apache.org/manual/Tasks/unzip.html) | Unzips a warfile. |
| [Unzip](https://ant.apache.org/manual/Tasks/unzip.html) | Unzips a zipfile. |
| [GUnzip/BUnzip2/UnXZ](https://ant.apache.org/manual/Tasks/unpack.html) | Expands a file packed using GZip, BZip2 or XZ. |
| [GZip/BZip2/XZ](https://ant.apache.org/manual/Tasks/pack.html) | Packs a file using the GZip, BZip2 or XZ algorithm.  This task does not do any dependency checking; the output  file is always generated |

**Compile Tasks**

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| [Javac](https://ant.apache.org/manual/Tasks/javac.html) | Compiles the specified source file(s) within the running (Ant) JVM, or in another JVM if the  fork attribute is specified.  <javac srcdir="${src}"  destdir="${build}"  classpath="xyz.jar"  debug="on"  source="1.9"/> |

**Documentation Tasks**

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| [Javadoc](https://ant.apache.org/manual/Tasks/javadoc.html) | Generates code documentation using the javadoc tool. The *Javadoc2* task is deprecated;  use the *Javadoc* task instead. |

**Execution Tasks**

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| [Ant](https://ant.apache.org/manual/Tasks/ant.html) | Runs Ant on a supplied buildfile, optionally passing properties (with possibly new values).  This task can be used to build sub-projects.  <ant antfile="subproject/subbuild.xml" target="compile"/> |
| [AntCall](https://ant.apache.org/manual/Tasks/antcall.html) | Runs another target within the same buildfile, optionally passing properties  (with possibly new values).  <target name="default">  <antcall target="another">  <param name="temp" value="value"/>  </antcall>  </target>  <target name="another">  <echo message="${temp}" />  </target>  CMD : ant -buildfile=arg.xml -Dtemp=value |
| [Exec](https://ant.apache.org/manual/Tasks/exec.html) | Executes a system command. When the os attribute is specified, the  command is only executed when Ant is run on one of the specified operating systems.  <property name="browser" location="C:/Program Files/Internet Explorer/iexplore.exe"/>  <property name="file" location="ant/docs/manual/index.html"/>  <exec executable="${browser}" spawn="true">  <arg value="${file}"/>  </exec> |
| [Java](https://ant.apache.org/manual/Tasks/java.html) | Executes a Java class within the running (Ant) JVM, or in another JVM if the fork attribute  is specified.  <java classname="test.Main">  <arg value="-h"/>  <classpath>  <pathelement location="dist/test.jar"/>  <pathelement path="${java.class.path}"/>  </classpath>  </java> |
| [Sleep](https://ant.apache.org/manual/Tasks/sleep.html) | Suspends execution for a specified period of time. Useful when a build or deployment  process requires an interval between tasks.  <sleep milliseconds="10"/> |

**File Tasks**

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| [Attrib](https://ant.apache.org/manual/Tasks/attrib.html) | Changes the permissions and/or attributes of a file or all files inside the  specified directories. Currently, it has effect only under Windows.  <attrib file="${dist}/run.bat" readonly="true" hidden="true"/> |
| [Chgrp](https://ant.apache.org/manual/Tasks/chgrp.html) | Changes the group ownership of a file or all files inside the specified directories.  Currently, it has effect only under Unix.  <chgrp group="coders">  <fileset dir="shared/sources1">  <exclude name="\*\*/trial/\*\*"/>  </fileset>  <fileset refid="other.shared.sources"/>  </chgrp> |
| [Chmod](https://ant.apache.org/manual/Tasks/chmod.html) | Changes the permissions of a file or all files inside the specified directories.  Currently, it has effect only under Unix. The permissions are also UNIX style,  like the arguments for the chmod command.  <chmod file="${dist}/start.sh" perm="ugo+rx"/> |
| [Chown](https://ant.apache.org/manual/Tasks/chown.html) | Changes the owner of a file or all files inside the specified directories. Currently,  it has effect only under Unix.  <chown owner="coderjoe">  <fileset dir="${dist}/bin" includes="\*\*/\*.sh"/>  </chown> |
| [Copy](https://ant.apache.org/manual/Tasks/copy.html) | Copies a file or Fileset to a new file or directory.  <copy todir="../new/dir">  <fileset dir="src\_dir"/>  </copy> |
| [Delete](https://ant.apache.org/manual/Tasks/delete.html) | Deletes either a single file, all files and sub-directories in a specified directory,  or a set of files specified by one or more [FileSet](https://ant.apache.org/manual/Types/fileset.html)s.  <delete includeEmptyDirs="true">  <fileset dir="build"/>  </delete> |
| [Filter](https://ant.apache.org/manual/Tasks/filter.html) | Sets a token filter for this project, or reads multiple token filters from a specified  file and sets these as filters. Token filters are used by all tasks that perform  file-copying operations.  <filter token="year" value="2000"/>  <copy todir="${dest.dir}" filtering="true">  <fileset dir="${src.dir}"/>  </copy>  <filter filtersfile="deploy\_env.properties"/> |
| [Get](https://ant.apache.org/manual/Tasks/get.html) | Gets a file from a URL.  <get src="http://ant.apache.org/" dest="help/index.html"/> |
| [Mkdir](https://ant.apache.org/manual/Tasks/mkdir.html) | Creates a directory. Non-existent parent directories are created, when  necessary.  <mkdir dir="${dist}"/> |
| [Move](https://ant.apache.org/manual/Tasks/move.html) | Moves a file to a new file or directory, or a set(s) of file(s) to a new directory.  <move file="file.orig" tofile="file.moved"/> |
| [Replace](https://ant.apache.org/manual/Tasks/replace.html) | Replaces the occurrence of a given string with another string in a file or  set of files.  <replace dir="${src}" value="wombat">  <include name="\*\*/\*.html"/>  <replacetoken><![CDATA[multi line  token]]></replacetoken>  </replace> |
| [ReplaceRegExp](https://ant.apache.org/manual/Tasks/replaceregexp.html) | Replaces the occurrence of a given regular expression with a substitution  pattern in a file or set of files.  <replaceregexp file="${src}/build.properties"  match="OldProperty=(.\*)"  replace="NewProperty=\1"  byline="true"/> |
| [SetPermissions](https://ant.apache.org/manual/Tasks/setpermissions.html) | Changes the permissions of a collection of resources.  <setpermissions mode="755">  <file file="${dist}/start.sh"/>  </setpermissions> |
| [Touch](https://ant.apache.org/manual/Tasks/touch.html) | Changes the modification time of a file and possibly creates it at the  same time.  <touch file="myfile"/> |

Above tasks will suffice, for more : Link Ref: <https://ant.apache.org/manual/tasksoverview.html>

For evenmore, <https://ant.apache.org/manual-1.9.x/tasklist.html>

**Suggession**: Don’t try to learn all the tasks, but learn the technique on how to use a task by reading its doc. So, learn about a new task when you need to use one ☺