

Invoking from Ant

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1. Invoking from Ant

Often, people want to integrate Anteater with an existing Ant-based build system. Due to classpath issues, Anteater tasks cannot currently be used directly within an existing Ant script. The current solution is to invoke Anteater with a `<java>` task, as follows:

```
<property name="anteater.home" location="/usr/local/anteater"/>
<java classname="org.apache.tools.ant.Main" fork="true">
  <classpath>
    <pathelement location="${anteater.home}/resources"/>
    <fileset dir="${anteater.home}">
      <include name="lib/**/*.*jar"/>
      <include name="tomcat/**/*.*jar"/>
    </fileset>
  </classpath>
  <jvmarg value="-Dant.home=${anteater.home}"/>
  <jvmarg value="-Danteater.home=${anteater.home}" />
  <jvmarg value="-Danteater.report=${anteater.home}/resources/scripts/report.xml" />
  <jvmarg value="-Danteater.resources=${anteater.home}/resources" />
  <arg line="-f examples.xml"/>
  <arg value="-propertyfile" />
  <arg value="${anteater.home}/resources/META-INF/Anteater.properties" />

  <!--
  <arg value="-Ddefault.debug=10"/>
  -->
</java>
```

The `anteater.home` variable must be set to where you have installed Anteater. Replace

examples.xml with your script. Alternatively, you can parametrize this:

```
<antcall target="anteater">
  <param name="script" value="examples.xml"/>
</antcall>
```

with this target:

```
<target name="anteater" description="Run Anteater">
  <property name="anteater.home" location="build/anteater-${version}"/>
  <java classname="org.apache.tools.ant.Main"
        fork="true">
    <classpath>
      <fileset dir="${anteater.home}">
        <include name="lib/**/*.*jar"/>
        <include name="tomcat/**/*.*jar"/>
      </fileset>
    </classpath>
    <jvmarg value="-Dant.home=${anteater.home}"/>
    <arg line="-f ${script}"/>
    <!--
    <arg value="-Ddefault.debug=10"/>
    -->
  </java>
</target>
```