

How to

Generate an AltioLive Archive Using a Script

- Tools:** AltioLive Studio,
AltioLive Designer
AltioLive Presentation Server Administration.
- Duration:** 35 minutes
- Skill Level:** Advanced
- Summary:** This document explains how to generate an AltioLive archive (aar.file) using a script.

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Introduction

You can generate an Altio Archive file (**.aar** extension) from outside of the AltioLive tools using the following instructions. An **.aar** file allows you to move AltioLive applications from one AltioLive Presentation Server to another.

Generating an AltioLive Archive

Follow the steps:

1. You will need **Ant**. The following was done using the latest at the time of writing (**Ant 1.6.1**). It can be downloaded for free from <http://ant.apache.org/>.
2. You need to set your classpath to include the following jars from the **/tomcat/webapps/altio54/WEB-INF/lib** subdirectory of your AltioLive installation:
 - **syncengineStudioEnterprise.jar** (or the equivalent **syncEngineXXX jar** if you are using a different version of Altio)
 - **jdom.jar**
 - **xalan2.jar**
3. Change directory to the **tomcat/webapps/altio54/WEB-INF/classes** subdirectory of your AltioLive install.
4. You need an ant build file. This could either be part of your own build process, or a separate build file. For this example a separate build file is used:

```
<?xml version="1.0"?>
<project name="OwnTaskExample" default="main" basedir=".">
  <taskdef name="aar" classname="com.altio.ext.ant.server.AltioArchiverTask"/>
  <!-- Standard pattern of what to include in an aar file -->
```

```
<patternset id="aar.pattern">
  <include name="**" />
  <exclude name="**/*.scc" />
  <exclude name="**/*$$$" />
  <exclude name="**/*~" />
  <exclude name="logs/**" />
  <exclude name="data/**" />
</patternset>
<target name="main">
  <aar aarfile="c:/temp/chem.aar" appid="CHEM" path="apps/chem/" description="Altio sample application" user="Altio">
    <fileset dir="c:/Program Files/AltioLive Studio 5.0/tomcat/webapps/altio54/WEB-INF/classes/apps/chem">
      <patternset refid="aar.pattern" />
    </fileset>
  </aar>
</target>
</project>
```

- Replace **c:/temp/chem.aar** with the location you want the **.aar** file saved to.
- Replace **CHEM** with the application id of the application you are archiving.
- Replace **Altio sample application** with the description you want on your archive file.

- Replace `c:/Program Files/AltioLive Studio 5.4/tomcat/webapps/altio50/WEB-INF/classes/apps/chem"` with the path to your application directory.
5. Save this to **build.xml** in the directory you are running **ant** from.
 6. Run **ant**.

Document Information

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