

How to

Configure AltioLive Enterprise Service

Tools: AltioLive,
EIS/ERP products.

Skill Level: Advanced

Summary: This document describes additional steps
to configure AltioLive Enterprise Service
to use JCA adapters.

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Introduction

This document describes additional steps to configure AltioLive’s Enterprise Services to connect to major EIS/ERP products (e.g. **SAP, Siebel, PeopleSoft, Oracle, JDEwards**, etc). These steps require installing additional libraries and executables from your EIS/ERP vendors. Altio cannot bundle those commercial software with AltioLive.

JCA plus adapter

AltioLive uses a JCA plus adapter to connect to the major EIS/ERP products. Depending on the system, you might need to install additional Java archives (jar files) and Run-time libraries (e.g. DLL) provided by the EIS/ERP vendors. Altio cannot distribute commercial third party files. These jars and DLLs are normally part of the EIS/ERP installation. If they are not available, ask your EIS/ERP vendor for them.

Deploy AltioLive “Enterprise Services” Plug-in

If you are running **AltioLive Studio Enterprise**, you can skip this step, because the plug-in is pre-installed, but you still need to follow the instruction in the next section to install additional libraries and executables.

If you are running AltioLive APS Enterprise, you need to acquire app server specific plug-in from your AltioLive account representative. Deploy the plug-in and then install additional libraries and executables described in the next section.

To deploy the plug-in, drop the plug-in (**.xar file**) to **\${AltioContext}/WEB-INF/classes/plugins**. If the AppServer or Servlet Container had been started, you can deploy the plug-in from the Administration Tool’s Explorer window by right-clicking on the **Plug-ins** node and select **Install New Packages**.

Install Additional Libraries and executables

Currently we have only tested EIS/ERP from following vendors. The instruction is provided below;

SAP

1. Locate **sapjcorfc.dll**, **librfc32.dll** and **sapjco.jar**.
2. Copy **sapjcorfc.dll** and **librfc32.dll** to the `${AltioLiveInstallPath}/tomcat/bin` directory.
3. Copy **sapjco.jar** to the `${AltioLiveInstallPath}/tomcat/webapps/altio54/WEB-INF/lib` directory

Siebel

Installing jdbc driver. Depending on the underlying database your Siebel system uses, you need to install database vendor's jdbc driver. For example if it uses Oracle, you need to place Oracle's jdbc driver, **classes12.zip** in `${AltioLiveInstallPath}/tomcat/webapps/altio54/WEB-INF/lib` directory and rename the file to **classes12.jar**.

Once you have installed additional libraries, you have to restart the application server.

Asynchronous Invocation (Event) Configuration

To enable AltioLive to receive EIS/ERP events, you need to configure your Application Server's JMS setting. If you are running **AltioLive Studio Enterprise**, which has Tomcat 5 bundled, you need a third party JMS software. We have tested OpenJMS with following configuration:

Edit **OpenJMS** configuration file, `${OPENJMS_HOME}/config/openjms.xml`. Locate the **AdministeredDestinations** section and add following topics

<AdministeredTopic name="librados_async"/>

<AdministeredTopic name="librados_response"/>

<AdministeredTopic name="librados_error"/>

<AdministeredTopic name="librados_event_topic"/>

<AdministeredQueue name="librados_event_queue" />

Depending upon the adapter you want to use, you also need correspondent setting of the following

<AdministeredTopic name="librados_outbound_oa_servlet_topic"/>

<AdministeredTopic name="librados_outbound_siebel_servlet_topic"/>

<AdministeredTopic name="librados_outbound_rdbms_servlet_topic"/>

<AdministeredTopic name="librados_outbound_jde_servlet_topic"/>

<AdministeredTopic name="librados_outbound_ps_servlet_topic"/>

Please note that you don't need specific topic for SAP.

Testing Enterprise Services Plug-in

You have to restart **OpenJMS** using `${OPENJMS_HOME}/bin/startup.bat` and restart your Application Server or Servlet Container.

Document Information

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