

Install

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Overview

This document describes the installation steps necessary to use the library.

1. Step #0: Prepare for installation

This solution library has been tested to support a broad range of platform technologies and application topologies, far beyond the scope of this documentation to cover comprehensively. In general, you can assume that the library supports all major release of the [ATG Commerce Platform](#) deployed to both DAS and JBoss application servers on both Linux/Unix and Windows servers. Additionally, a number of common database servers (e.g. Oracle, MsSQL and Solid) are supported.

In order to document the journey to a working solution from a "standing start", the following assumptions are made:

- The goal is to deploy the Pioneer Cycling demonstration sample application to a single box.
- Pioneer Cycling is to be built and deployed to the JBoss application server running on a Linux system.
- Catalog and other data will be stored in the Solid database system distributed with the ATG Commerce Platform.

Specifically, then, for this demonstration of the solution library the following software versions are required:

- ATG Commerce Platform 2006.3
- JBoss 4.0.3sp1
- JDK 1.5.0
- Ant 1.7.0
- CentOS release 4.5 (Final), or Redhat Enterprise Linux 4 update 2 or better

In addition, the availability of the following tools in your general environment is assumed:

- Subversion 1.1.4, or later
- Concurrent Versions System (CVS) 1.11.17, or later (installed as "/usr/bin/cvs")

Note:

It is assumed that you have access to download ATG's software from their [Customer Care](#) site, and that you have permanent or demonstration license key files to deploy

Note:

Assuming you wish to configure the Pioneer Cycling demonstration, it is assumed that the machine(s) you choose to install on have access to the Internet to checkout demonstration source using Subversion from Sourceforge.

Note:

In order to run the entire set of services of the Pioneer Cycling demonstration on a single box (or virtual machine instance), you'll need around 16GB of disk space and 1GB of memory as a bare minimum (2GB for comfort's sake). A three box configuration with separate server, development and staging systems can be run with virtual machines assigned 500MB of memory each as a bare minimum and at least 8GB of free disk space.

2. Step #1: Install the ControlTier platform software

This library assumes you have installed the latest stable release of version 3.2.4 of the ControlTier platform software on a designated server host and one or more client hosts. Refer to the [general installation procedures](#) for more info.

You will need to know the URL to the Workbench and JobCenter applications.

3. Step #2: Download the library archives

Binary distributions of the ATG solution library and the Elements module library upon which it depends can be found in the "File Releases" section of the [ModuleForge Download](#) page on Sourceforge. The packages are called "Elemens Module Library" and "Atg Module Library" and will be named something like: {atg|elements}-3.2.4-seed.jar

Make sure you download the latest version 3.2.4 release of both the Elements and ATG libraries.

4. Step #3: Choose or create a project

All work is done within the context of a "project". You may wish to use the "default" project established when the framework is installed, or you may wish to create a new one just for the use of this library.

Note:

If you are new to ControlTier and are not sure about projects see the [Projects section in the ProjectBuilder tutorial](#).

1. Navigate to the Admin page. (eg., go to the URL: <http://localhost:8080/itnav/do/menu/Admin>)
2. Press the "Create Project" button. (eg., go to the URL: <http://localhost:8080/itnav/do/projects/Input>)

Note:

If you are following this documentation verbatim in order to configure the Pioneer Cycling demonstration, create a project called "PioneerCycling".

3. Fill out the form and press "Create" button. It takes a few minutes for the new project to be created.

Note:

If you are building a multi-box environment, this is the moment to register your client nodes with the new project using "ctl-depot"

5. Step #4: Load the library archives

Once you have chosen the desired project, you can load the libraries into that project.

Be sure you have already logged into Workbench and selected the desired project where you want the libraries loaded. If you just created a new project, you are all ready.

1. Navigate to the Admin page. (eg., go to the URL:
<http://localhost:8080/itnav/do/menu/Admin>)
2. Press the "Import Seed" button. (eg., go to the URL:
<http://localhost:8080/itnav/do/projects/ImportSeedInput>)
3. Locate and select the elements-3.2.4-seed.jar file in the file chooser. This is the same file you downloaded in step #2.
4. Press the "Import" button.
5. Similarly; locate, select and import the atg-3.2.4-seed.jar file

Note:

It takes a few minutes for Workbench to load the libraries.

Once the libraries have been installed into your chosen project the next step is to configure these modules for use.

[Next: Configure #](#)