

Art-Decor installation

Prerequisites

The software requires a Java development environment (JDK)

1. Download and install Apache Tomcat

Download and install Apache Tomcat following the instructions for your platform.

Installation on OS X

Download a binary distribution of the core module: `apache-tomcat-7.x.y.tar.gz` (where x.y should be replaced with the latest stable release of Tomcat. In examples below Tomcat version 7.0.0 is used).

Opening/unarchiving the archive will create a folder structure something like this in your Downloads folder:

```
~/Downloads/apache-tomcat-7.0.0/apache-tomcat-7.0.0
```

Move the unarchived distribution to `/usr/local`:

```
sudo mv ~/Downloads/apache-tomcat-7.0.0/apache-tomcat-7.0.0 /usr/local
```

To make it easy to replace this release with future releases, we are going to create a symbolic link that we are going to use when referring to Tomcat:

```
sudo ln -s /usr/local/apache-tomcat-7.0.0 /Library/Tomcat
```

Change ownership of the `/Library/Tomcat` folder hierarchy:

```
sudo chown -R <your_username> /Library/Tomcat
```

Make all scripts executable:

```
sudo chmod +x /Library/Tomcat/bin/*.sh
```

Instead of using the start and stop scripts, you may also want to check out Activata's Tomcat Controller a tiny freeware app, providing a UI to quickly start/stop Tomcat.

2. Download and install Art-Decor Orbeon web archive

Download the art-decor.war file from: <http://sourceforge.net/projects/artdecor/files/Orbeon/art-decor.war/download>

Follow the instructions in the readme file:

<http://sourceforge.net/projects/artdecor/files/Orbeon/README.txt/download>

3. Download and install the Art-Decor eXist-db server

1.

Download the eXist-db installer file from:

<http://sourceforge.net/projects/artdecor/files/eXist-db/eXist-db-setup-2.1-rev0000.jar/download>

2.

Start the installer by double clicking on the installation file. Follow the instructions in the installer, keep clicking 'next' until the installation process is completed.

Note: Enter an admin password when asked, do not leave it blank.

3.

Start the eXist server. How to start the server is explained on the last page of the eXist-db installer.

4.

Point your browser to: <http://localhost:8877/apps/dashboard/index.html>

You should see the dashboard page:

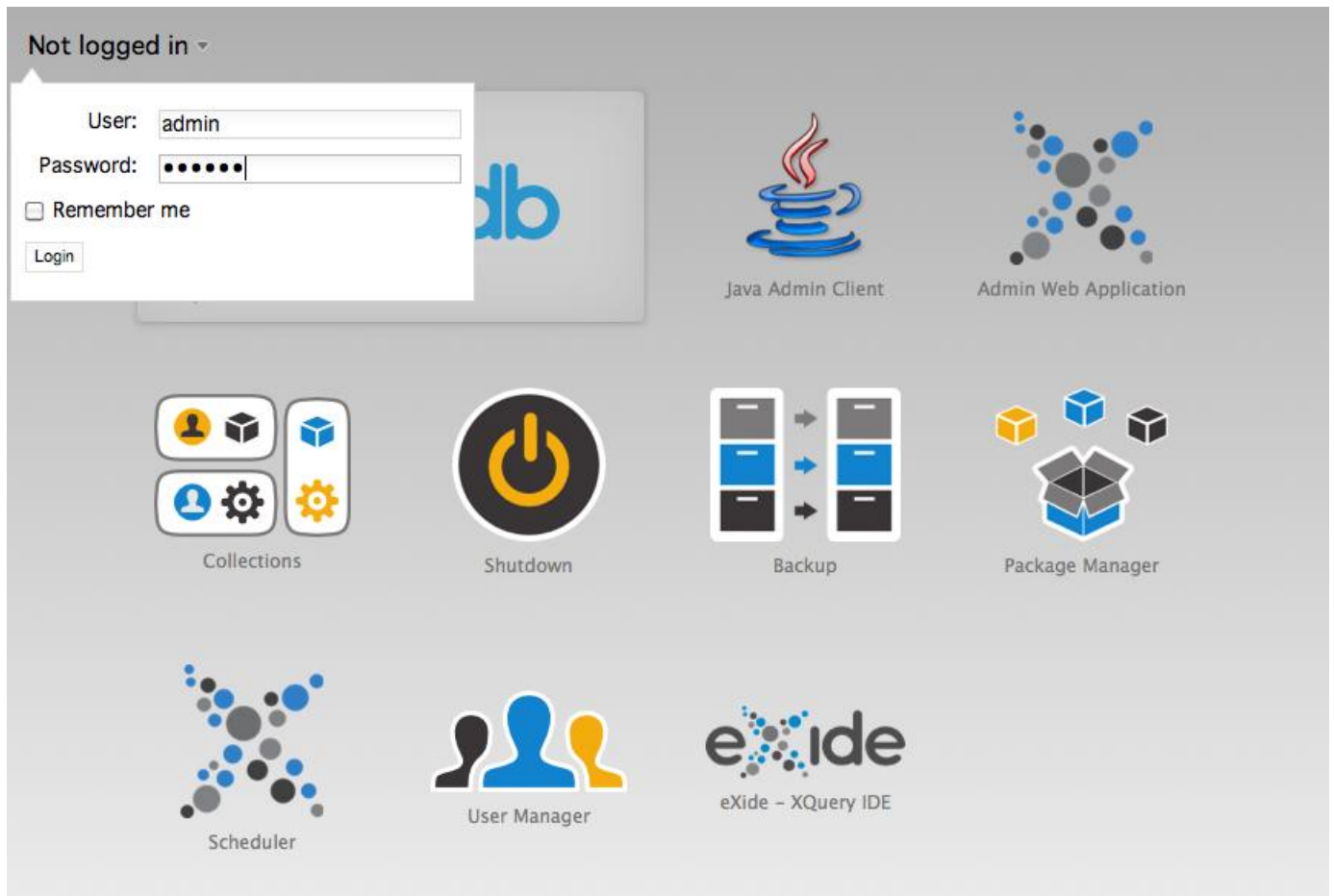


4. Install Art-Decor software & data packages

All Art-Decor software and data is installed using the eXist-db package manager. The default repository URL points to the eXist-db public repository, this needs to be changed to point to the Nictiz public repository.

1.

Click on the 'Not logged in' and log in as admin with the password you entered during installation.



2.

To change the default repository URL click on the 'Collections' icon to open the collections browser and locate the dashboard configuration at: /db/apps/dashboard

admin ▾

Collection Browser

/db/apps/dashboard

Name	Permissions	Owner	Group	Last-modified
..				
modules	crwxrwxr-x	admin	dba	September 18 2013 14:11:4
plugins	crwxrwxr-x	admin	dba	September 18 2013 14:11:4
resources	crwxrwxr-x	admin	dba	September 18 2013 14:11:4
templates	crwxrwxr-x	admin	dba	September 18 2013 14:11:4
Readme.md	-rwxrwxr-x	admin	dba	September 18 2013 14:11:4
build.xml	-rwxrwxr-x	admin	dba	September 18 2013 14:11:4
collection.xconf	-rwxrwxr-x	admin	dba	September 18 2013 14:11:4
configuration.xml	-rwxrwxr-x	admin	dba	September 19 2013 12:38:0
controller.xql	-rwxrwxr-x	admin	dba	September 18 2013 14:11:4
defaults.xml	-rwxrwxr-x	admin	dba	September 18 2013 14:11:4
error-page.html	-rwxrwxr-x	admin	dba	September 18 2013 14:11:4
expath-pkg.xml	-rwxrwxr-x	admin	dba	September 18 2013 14:11:4
icon.png	-rwxrwxr-x	admin	dba	September 18 2013 14:11:4
index.html	-rwxrwxr-x	admin	dba	September 18 2013 14:11:4
pre-install.xql	-rwxrwxr-x	admin	dba	September 18 2013 14:11:4

3.

Double click on the file to open it in eXide.

- To install the **stable** release (latest version):

Change the content of the repository element to:

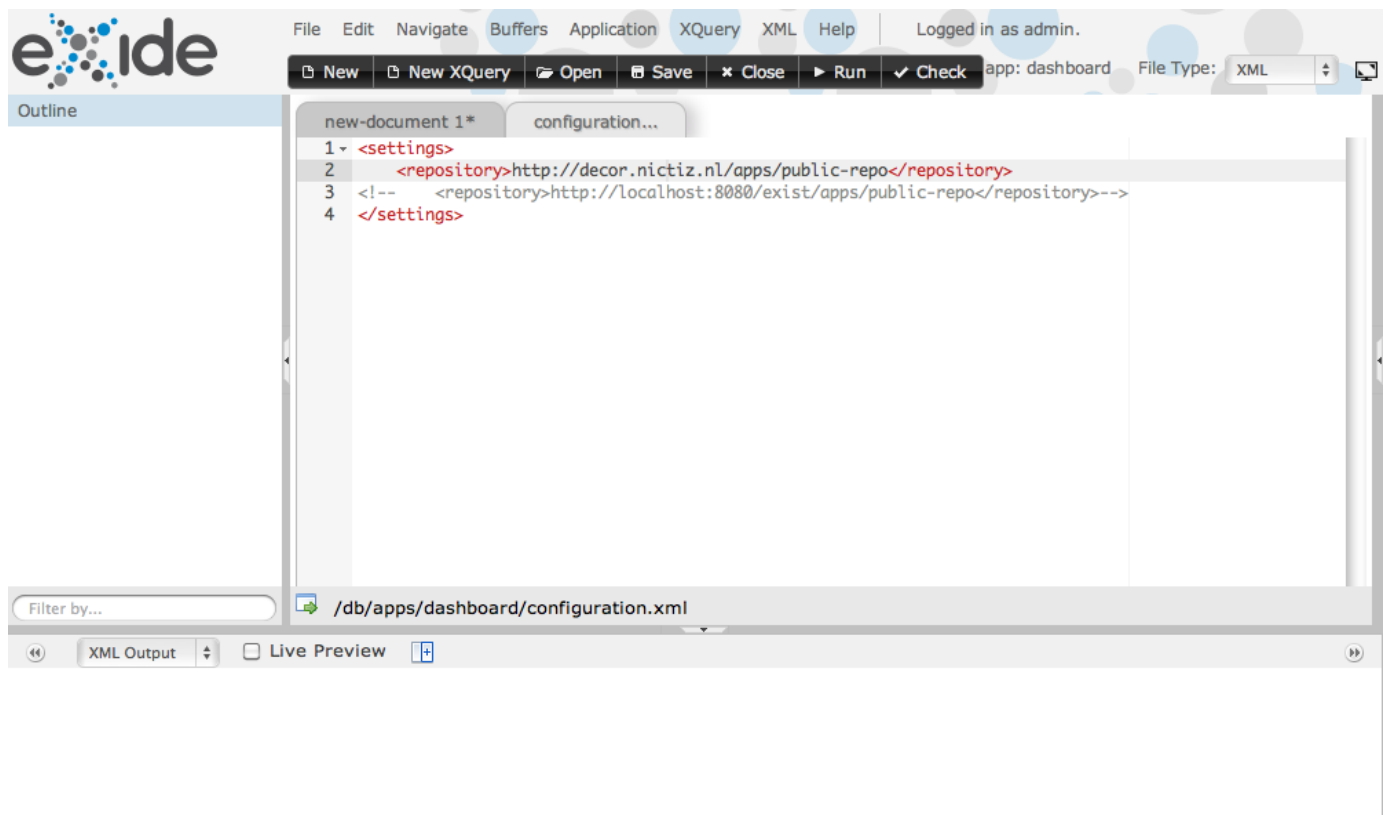
<http://decor.nictiz.nl/apps/public-repo>

- To install the **development** release (latest version):

Change the content of the repository element to:

<http://decor.nictiz.nl/apps/public-repo-dev>

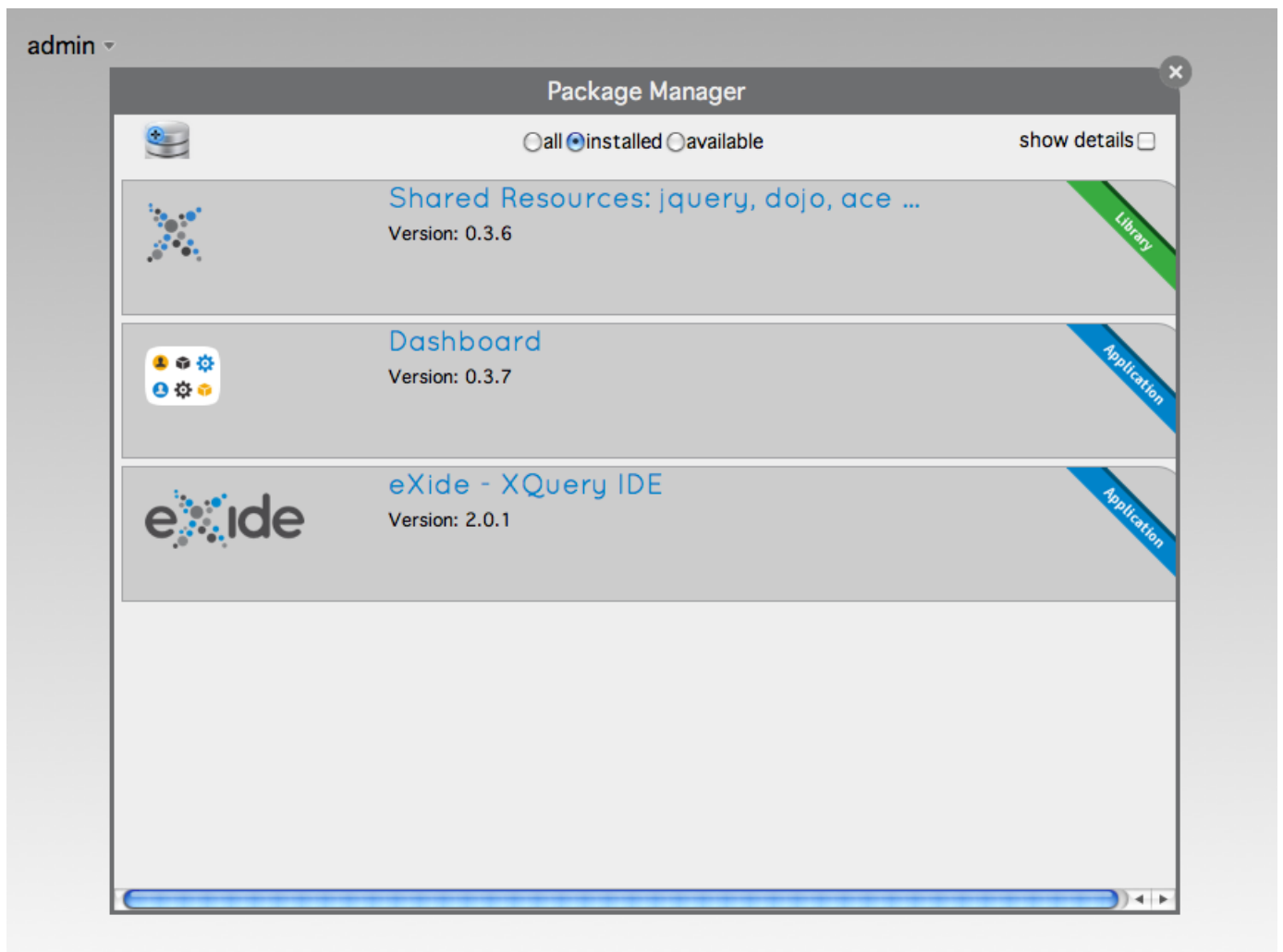
Save the changes.



4.

Close the eXide editor window and click on the 'Package Manager' icon to open the package manager.

In the default view all packages are shown, the ones that are already installed and all packages available in the repository. Selecting 'installed' shows the packages installed during the eXist-db installation:



- 3.
- Select 'available' to show the packages available in the repository. Hovering over a package will show the install icon:



Clicking on the install icon will install the package in the database and remove it from this view.

- 4.
- Install the application packages in the following order:
1. Advanced Requirements Tooling
This is the core application package.
 2. Decor core files
Contains Decor schema, xslt and other core resources.
 3. Decor services
Contains the modules for the Decor REST services

4. Terminology Applications
Contains the terminology applications and services
5. XIS Test information system (optional)
Contains applications for testing of HL7 messages and messaging services.
6. OID Registry tools (optional)
Application for maintaining an OID registry, only install if you really need to maintain an OID registry.

5.

Install data packages.

There are several types of data packages available:

- Decor example project packages
Decor example project files and associated resources
- Terminology data packages
Terminology data for use by the terminology explorers and Art terminology functions (terminology associations, creating valuesets).
- HL7 XML packages
XML packages for message validation and generation.
- SNOMED-CT reference set package
Package for creating and maintaining SNOMED-CT reference sets.

6.

Start Tomcat and point your browser to:

<http://localhost:8080/art-decor/home>

7.

Start using the Art-Decor web application and service. You can log in as admin with the password you provided during the eXist-db installation.