

# Repository Management Walkthrough

1. If you have not already done so, download Nexus : <http://www.sonatype.org/nexus/go/>

Direct download links:

<http://www.sonatype.org/downloads/nexus-latest-bundle.zip> for Windows

<http://www.sonatype.org/downloads/nexus-latest-bundle.tar.gz> for Mac

For Windows: Open the zip file and extract to a folder of your choice, i.e. **C:\nexus**

For Mac: Open the tar.gz file, i.e. **/Applications**

2. Install Nexus. Open **command prompt** as **administrator**.

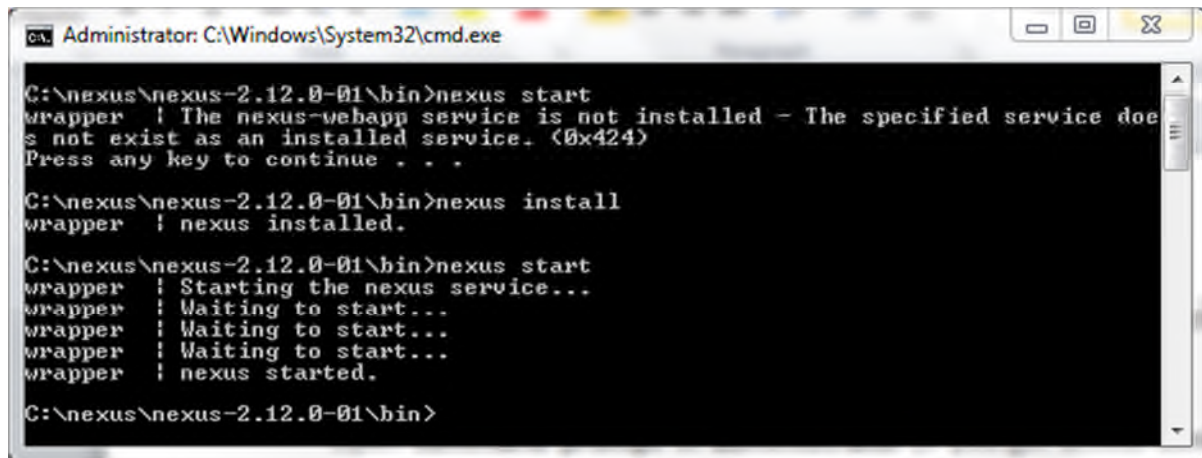
For Windows: Start Nexus in **C:\nexus\nexus-2.12.0-01\bin**

For Mac: Start Nexus in **/applications/nexus-2.12.0-01-bundle/nexus-2.12.0-02/bin**

Run the following command: **nexus start**

If you get an error “**The nexus-webapp service is not installed**” first run **nexus install**, then **nexus start** .

(Note: There is no **nexus install** on Mac.)



```
Administrator: C:\Windows\System32\cmd.exe

C:\nexus\nexus-2.12.0-01\bin>nexus start
wrapper ! The nexus-webapp service is not installed - The specified service does not exist as an installed service. (0x424)
Press any key to continue . . .

C:\nexus\nexus-2.12.0-01\bin>nexus install
wrapper ! nexus installed.

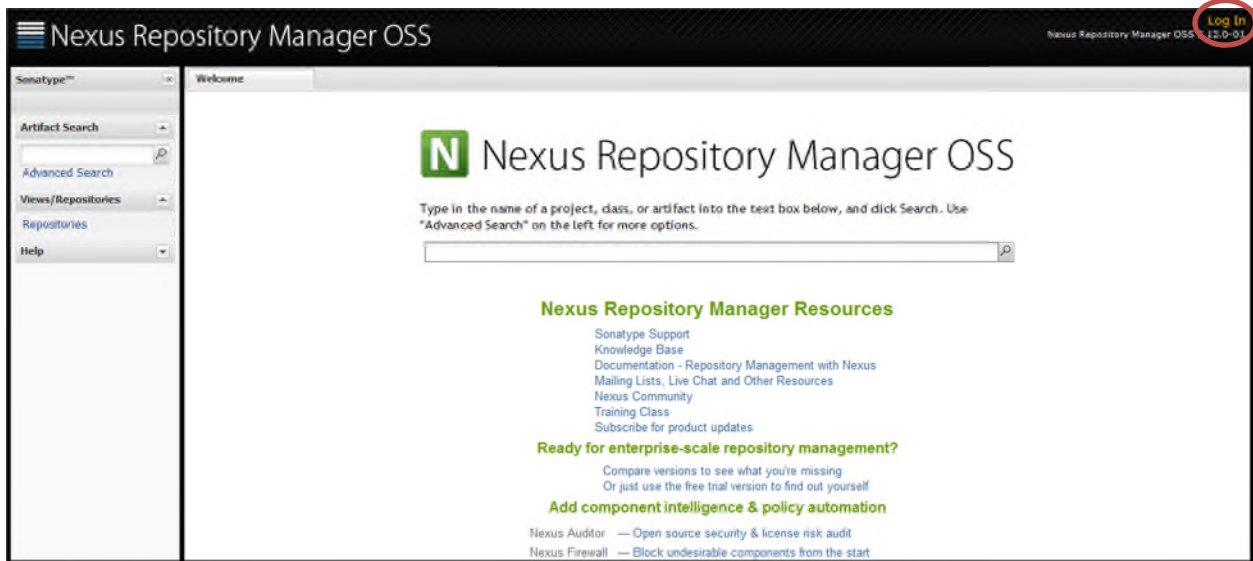
C:\nexus\nexus-2.12.0-01\bin>nexus start
wrapper ! Starting the nexus service...
wrapper ! Waiting to start...
wrapper ! Waiting to start...
wrapper ! Waiting to start...
wrapper ! nexus started.

C:\nexus\nexus-2.12.0-01\bin>
```

3. Launch the Nexus Repository Manager.

Open a browser and navigate to: <http://localhost:8081/nexus>

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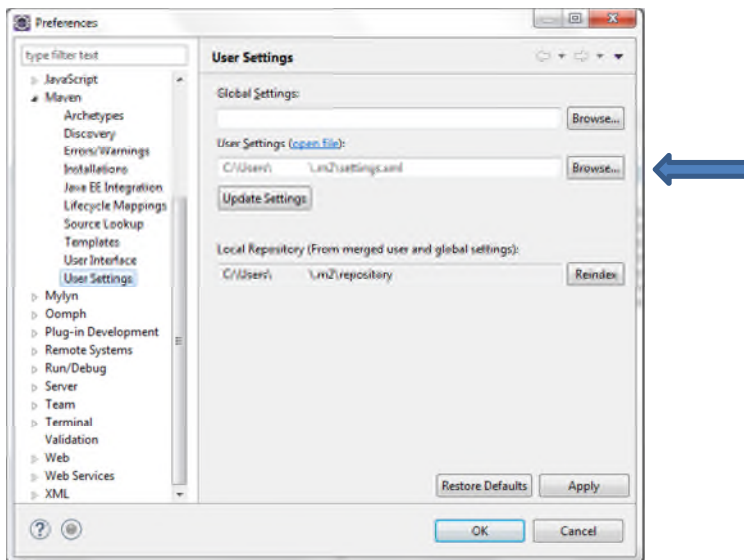
4. Click on **Log In** and enter username **admin** and password **admin123**.  
Look under Security → Users, and under Views/Repositories → Repositories to Releases and Snapshots.

5. Edit the settings.xml (normally *userhome/.2/settings.xml*).

For Windows: in Eclipse click Window → Preferences

For Mac: click Eclipse → Preferences

Click on Maven → User Settings.

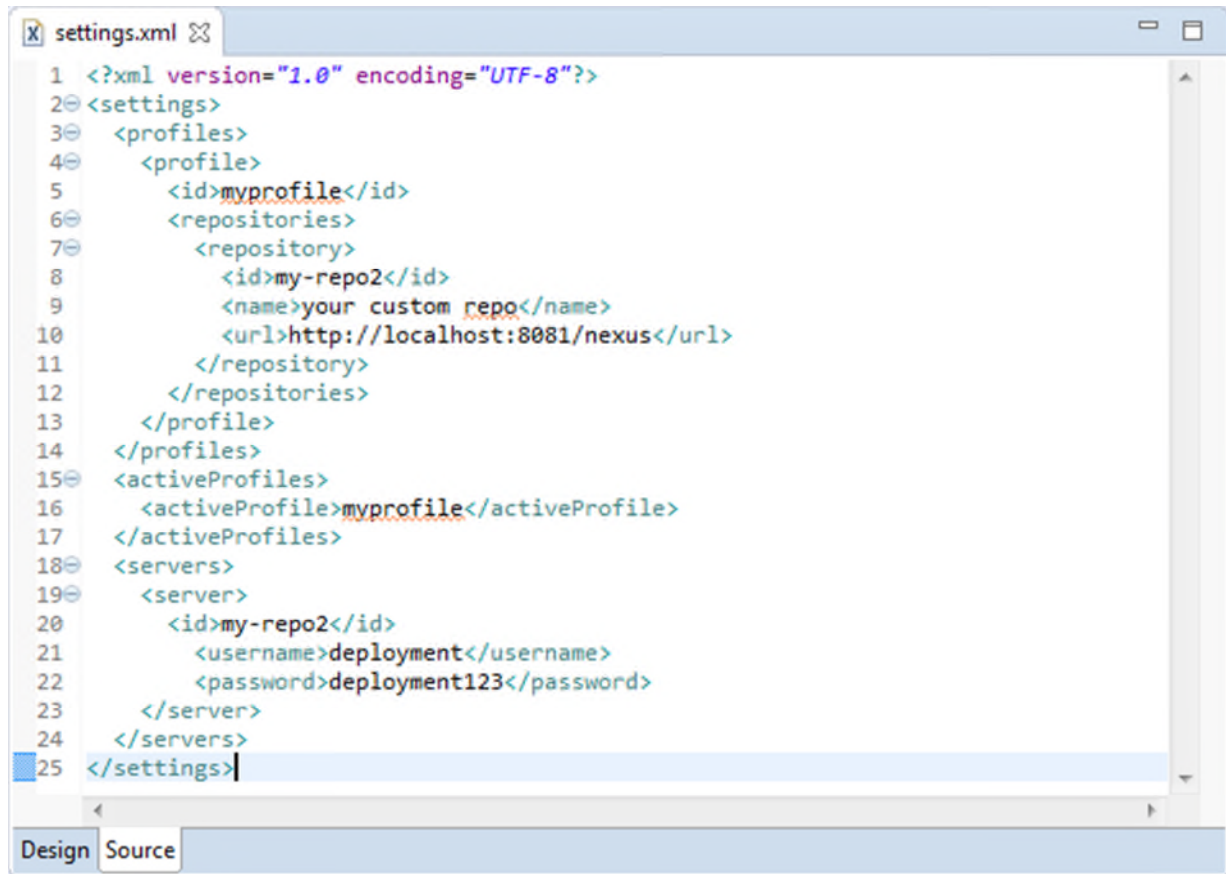


If you have a **settings.xml**, you can click open file to edit it.

If you do not have a settings.xml file, create one and click **Browse** next to **User Settings**.

Edit **settings.xml** as shown below.

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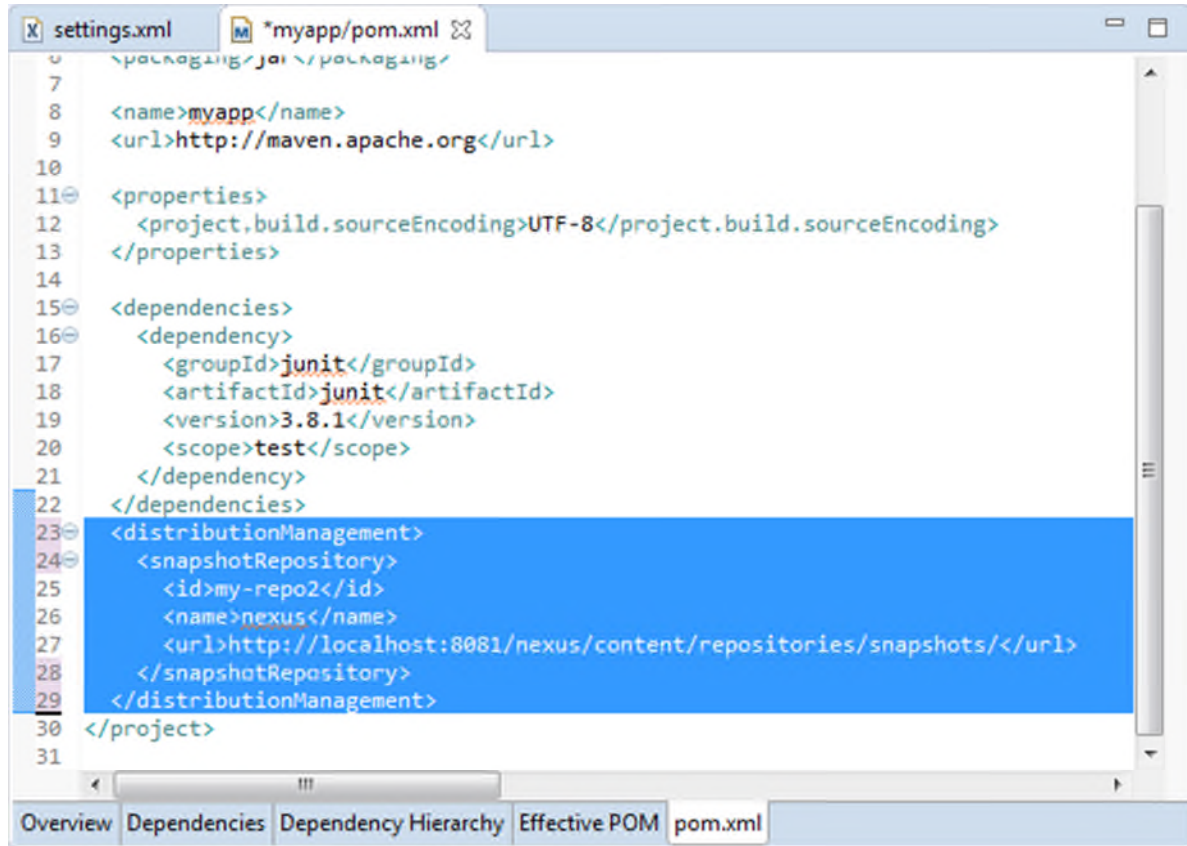
The screenshot shows an IDE window titled 'settings.xml'. The editor displays the following XML code:

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <settings>
3   <profiles>
4     <profile>
5       <id>myprofile</id>
6       <repositories>
7         <repository>
8           <id>my-repo2</id>
9           <name>your custom repo</name>
10          <url>http://localhost:8081/nexus</url>
11        </repository>
12      </repositories>
13    </profile>
14  </profiles>
15  <activeProfiles>
16    <activeProfile>myprofile</activeProfile>
17  </activeProfiles>
18  <servers>
19    <server>
20      <id>my-repo2</id>
21      <username>deployment</username>
22      <password>deployment123</password>
23    </server>
24  </servers>
25 </settings>
```

At the bottom of the window, there are two tabs: 'Design' and 'Source'. The 'Source' tab is currently selected.

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- Open the main **pom.xml** and add the text highlighted in blue below.



- Run: **mvn deploy**

You should see your project in nexus. Login and you will see something like this...

