ThingWorx Installation Prerequisites (for all platforms)

Contents

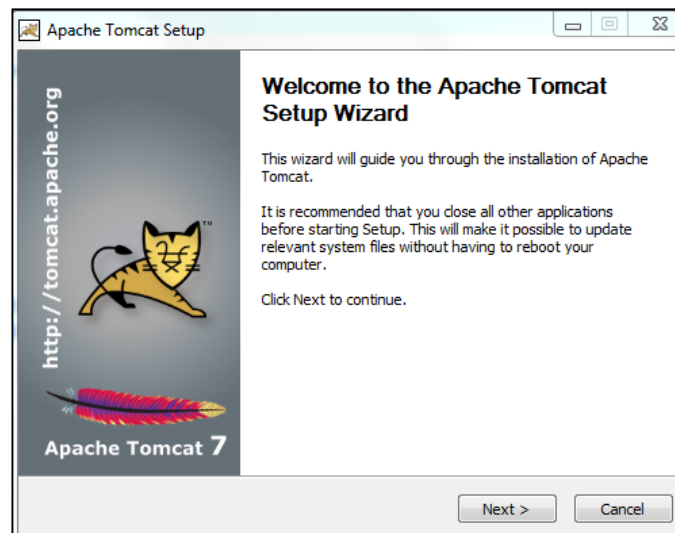For additional help with ThingWorx Installation, view the installation video.
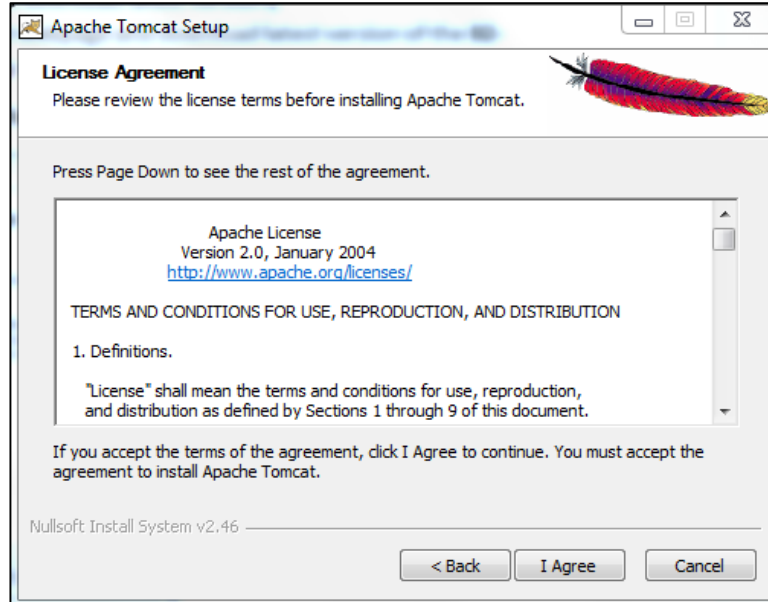
Windows

Installing Java

Visit the Oracle website to download and install the required version of the JRE. If necessary, refer to the System Requirements document.

Installing Tomcat
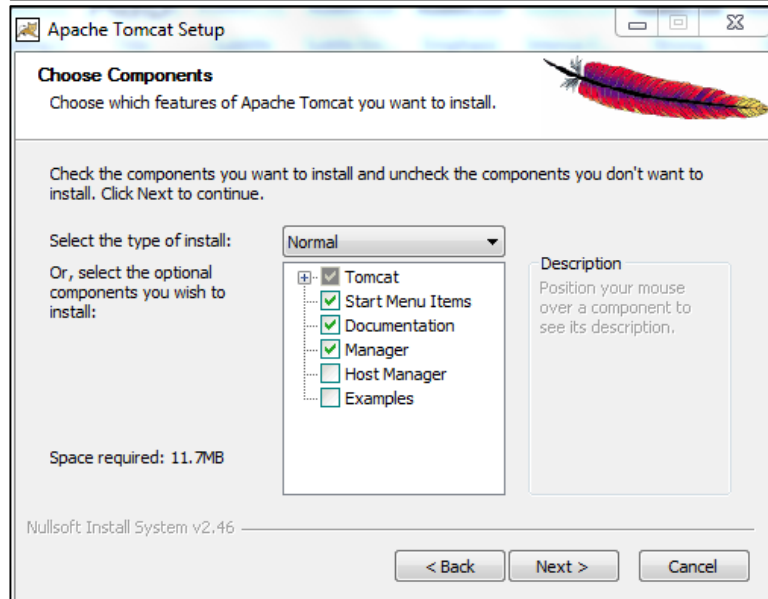
1. Visit the Tomcat website to download the **32-bit/64-bit Windows Service Installer (pgp, md5)**.
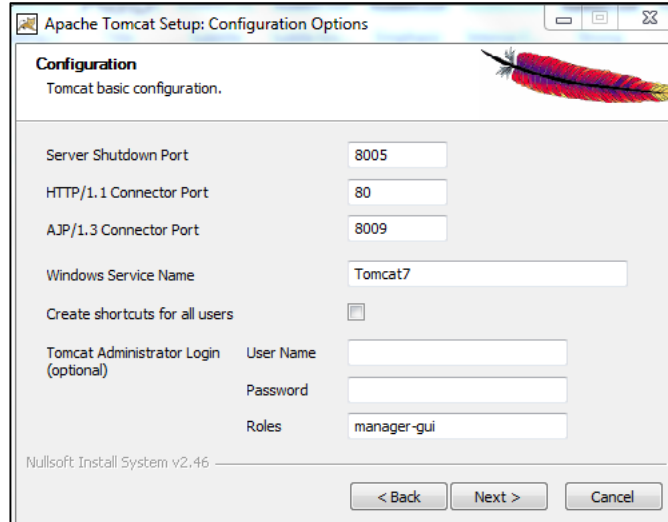2. The Apache Tomcat Setup Wizard launches. Click **Next**.
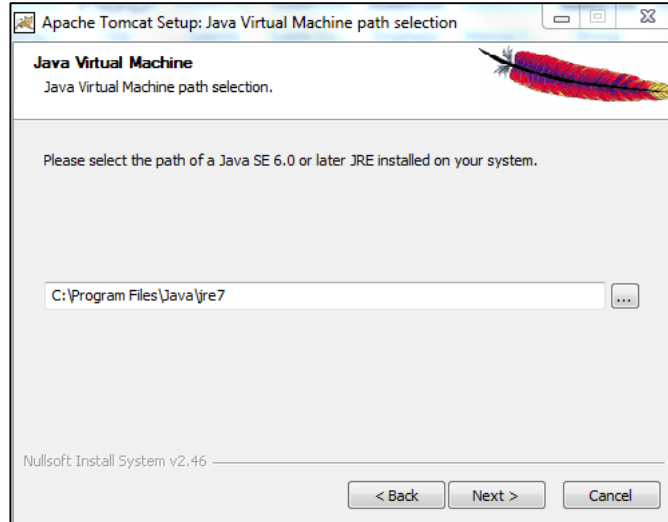
3. Click **I Agree**.

Apache Tomcat Setup

License Agreement
Please review the license terms before installing Apache Tomcat.

Press Page Down to see the rest of the agreement.

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

If you accept the terms of the agreement, click I Agree to continue. You must accept the agreement to install Apache Tomcat.

Nullsoft Install System v2.46

< Back   I Agree   Cancel

4. In the **Components** section, use the default settings.
5. Click **Next**.

Apache Tomcat Setup

Choose Components
Choose which features of Apache Tomcat you want to install.

Check the components you want to install and uncheck the components you don't want to install. Click Next to continue.

Select the type of install: Normal

Or, select the optional components you wish to install:

☑ Tomcat
☑ Start Menu Items
☑ Documentation
☑ Manager
☐ Host Manager
☐ Examples

Description
Position your mouse over a component to see its description.

Space required: 11.7MB

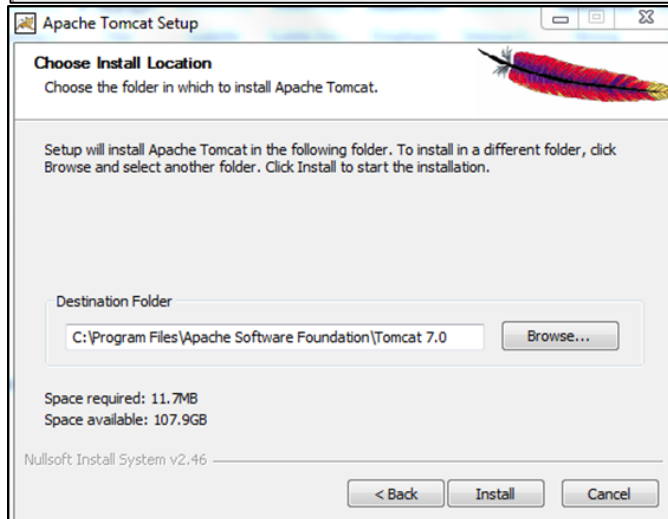Nullsoft Install System v2.46

< Back   Next >   Cancel

6. In the **HTTP/1.1 Connector Port** field, type **80**.
7. In the Tomcat Administrator Login fields, type the **User Name** and **Password**.
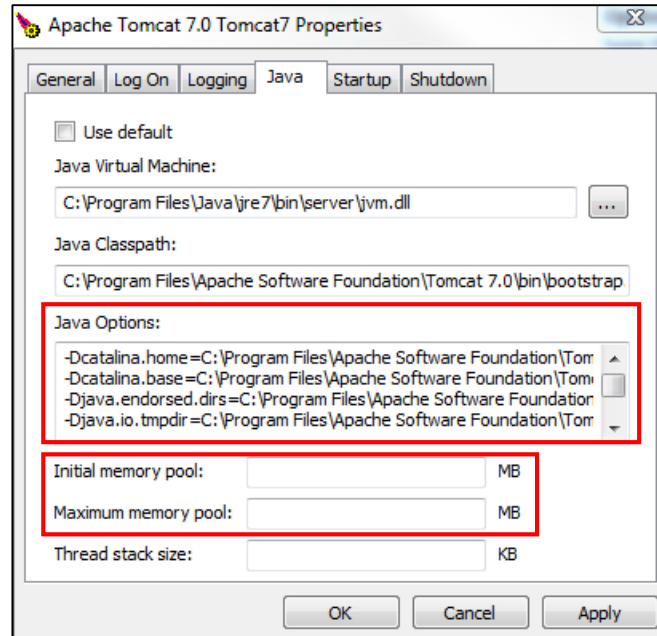8. Click **Next**.

9. Verify that the defined path is directing to the **Program Files** folder and the proper 64-bit version of Java.
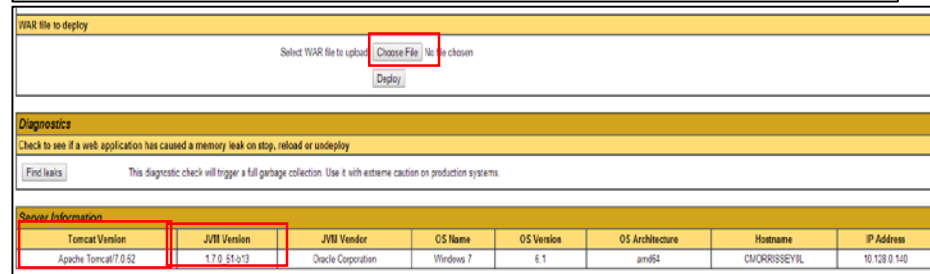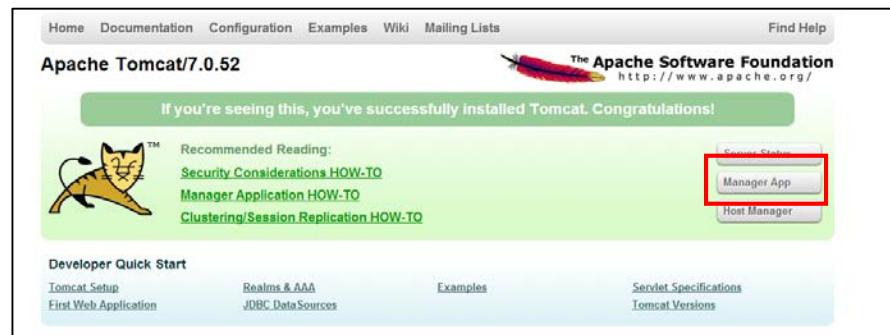10. Click **Next**.

11. In the **Destination Folder**, verify that the install path is to the root. If necessary, remove any spaces or special characters.
12. Click **Install**.

13. Open the Tomcat Monitor and click the **Java** tab.
14. In the **Java Options** field, type the appropriate Java Options, as described in the Wiki.
15. Clear any values in the **Initial memory pool** and **Maximum memory pool** fields.
16. Click **OK**.

17. Open the Apache Tomcat page and click **Manager App**.

18. Verify that the appropriate versions of Tomcat and Java are installed.

Linux

Installing Java

Note: For Linux installation: Before upgrading, you have to create ThingworxStorage and ThingworxBackupStorage folders or give Tomcat proper permissions to be able to create those folders on the root.

1. Visit the [Oracle website](#) to download and install the required version of the Java Development Kit (JDK). If necessary, refer to the System Requirements.
2. Deploy the JDK.
3. Verify that the correct version of Java is installed.
4. Verify Java Home points to the proper Java version.

Installing Tomcat

1. Visit the [Tomcat website](#) to download and install the required version of Tomcat. If necessary, refer to the System Requirements.
2. Deploy Tomcat.
3. Configure the user and the Java options. If necessary, refer to the Wiki for more information.

   Connector Configuration:

   In <tomcat install dir>/conf/server.xml

   protocol="org.apache.coyote.http11.Http11NioProtocol

4. Launch Tomcat and verify it is up and running by going to the appropriate **<servername>/Thingworx**.