**Installing and Upgrading the MDW Plugin for Eclipse**

**Set Up Eclipse on Your PC:**

* Make sure you have Java Runtime 7 installed on your computer:
  + [**http://www.oracle.com/technetwork/java/javase/downloads**](http://www.oracle.com/technetwork/java/javase/downloads)
* Install Eclipse Mars (4.5.x). The easiest way to get Eclipse with the necessary dependencies is to grab the prepackaged version from this shared location:
  + [**\\eldnp1515dm4.ad.qintra.com\union\_station\IT\MDW\eclipse**](file:///\\eldnp1515dm4.ad.qintra.com\union_station\IT\MDW\eclipse)

This package includes all the required dependencies except the MDW Plugin itself.

* If you prefer to install the MDW Plugin on top of an existing Eclipse instance, make sure your starting with Eclipse for JavaEE Developers, and on top of that you'll need the following dependencies:
  + [**Business Intelligence and Reporting Tools (BIRT)**](http://wiki.eclipse.org/BIRT_Update_Site_URL)
* Launch Eclipse. Here’s an example command line that includes appropriate JVM memory settings for running and debugging:

**C:\eclipse\_4.5.1\eclipse.exe -vm C:\jdk1.7.0\_45\bin\javaw.exe -vmargs -Dsun.lang.ClassLoader.allowArraySyntax=true -Xms512m -Xmx1024m -XX:MaxPermSize=256m**

* Install the latest version of the MDW Plugin via Eclipse Software Updates (Help > Install New Software > Add > **http://lxdenvmtc143.dev.qintra.com:6101/MdwPlugin** > Install).

**Other Recommended Plug-Ins:**

* Gradle Build Support (Note: Only the Gradle IDE item is required)

**http://dist.springsource.com/release/TOOLS/gradle**

* Groovy Eclipse Plug-In (Groovy script syntax highlighting, auto-complete, etc.)

**http://dist.springsource.org/release/GRECLIPSE/e4.5**

* Quantum DB Plug-In (Database querying)

**http://quantum.sourceforge.net/update-site**

**Upgrading to a New MDW Plugin Release:**

* From the Eclipse menu select Help > Install New Software.
* In the "Work with:" dropdown, find the MDW update site URL.
* Select the latest version and click Next to continue through the install wizard.

**Note:** Due to a bug in Eclipse Mars, the latest Designer version may not be detected during software update. If this occurs, delete the oomph cache directory (typically c:\Users\<user>\.eclipse\org.eclipse.oomph.p2\cache) and restart.