



Prototype Installation Guide

Public Release Version 1

Related task of the project (Task # and full name):	Task 2.6 - Prototype
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2 MDL IDE

2.1 Prerequisites

The following software must be installed before the installation of the MDL IDE is attempted.

2.1.1 Java

The minimum version of java which needs to be installed is 1.6, to install Java please visit www.java.com

Note that the architecture of the Java you have installed (32 bit or 64 bit) must match the architecture of the MDL IDE.

2.2 Obtain the MDL IDE

Depending on the Java you have installed you will need either the 64 bit or 32 bit install package of the MDL IDE. If you are unsure of which Java version you have you can follow these steps to find out:

1. Open a Command Prompt
2. Type `java -version`

You should get an output similar to the following:

```
java version "1.7.0_25"  
Java(TM) SE Runtime Environment (build 1.7.0_25-b17)  
Java HotSpot(TM) 64-Bit Server VM (build 23.25-b01, mixed mode)
```

If the last line contains 64-Bit (as above) then the Java version is 64 bit, if this is not present then the version is 32 bit.

Based on this you can choose the correct version of the MDL IDE to download.

2.2.1 Download 64 bit version

Follow this download link to get the 64 bit version (this may take a few minutes) ...

https://sourceforge.net/projects/ddmore/files/install/ddmore-tools/PublicM30/release/eu.ddmore.mdleditor-win32.win32.x86_64.zip/download

2.2.2 Download 32 bit version

Follow this download link to get the 32 bit version (this may take a few minutes) ...

<https://sourceforge.net/projects/ddmore/files/install/ddmore-tools/PublicM30/release/eu.ddmore.mdleditor-win32.win32.x86.zip/download>

2.3 Install the MDL IDE

Once the MDL IDE has been downloaded locate the eu.ddmore.mdleditor-x.x.x.zip file and copy it to the location where you want to install the MDL IDE.

Unzip the file into the desired location. There can be multiple installations of the MDL IDE on the same computer so this doesn't need to be the same place as any previous installs.

The contents of the unzipped folder should look similar to this:

Name	Date modified	Type	Size
configuration	12/08/2013 10:45	File folder	
features	12/08/2013 10:42	File folder	
p2	12/08/2013 10:50	File folder	
plugins	12/08/2013 10:43	File folder	
readme	12/08/2013 10:42	File folder	
.eclipseproduct	12/08/2013 10:43	ECLIPSEPRODUCT ...	1 KB
artifacts.xml	12/08/2013 10:43	XML File	70 KB
eclipse.exe	12/08/2013 10:43	Application	305 KB
eclipse.ini	12/08/2013 10:43	Configuration setti...	1 KB
eclipsec.exe	12/08/2013 10:43	Application	18 KB
epl-v10.html	12/08/2013 10:43	Chrome HTML Do...	17 KB
log4j.properties	12/08/2013 10:43	PROPERTIES File	2 KB
MDLEditor.log	12/08/2013 10:46	LOG File	0 KB
MIF-encryption-key-ddmore.key	12/08/2013 10:43	KEY File	1 KB
notice.html	12/08/2013 10:43	Chrome HTML Do...	9 KB

That's it! The MDL IDE is now installed.

2.4 Running the MDL IDE

You can run the MDL IDE directly from the installation folder by double-clicking on the eclipse.exe file (highlighted in the above image). You may find it useful to create a shortcut to this file on your desktop in order to quickly run the MDL IDE in future.

2.4.1 Running on Windows

Depending on your Windows version and security settings you may see a warning box similar to this:



This is normal and happens because the prototype doesn't have any signing information yet. Please un-check the box 'Always ask before opening this file' and select 'Run' to continue.

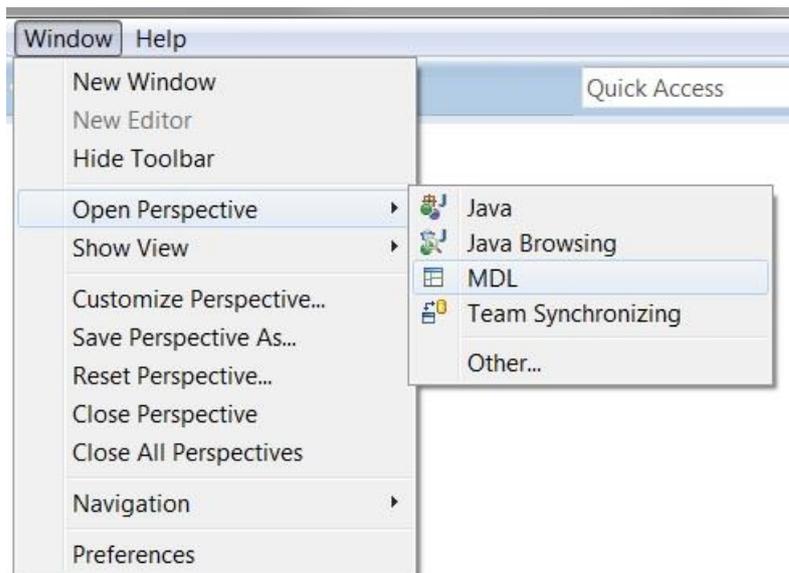
2.4.2 Choosing a Workspace

You will be prompted for a location of a workspace. This can either be a folder containing an existing workspace (if you've used the MDL IDE before) or an empty folder. Once the workspace is selected all the projects and files which are created using the MDL IDE will be stored there.

You can switch workspaces at any time but remember your projects exist inside a workspace so you will only be able to view them when you have the correct workspace selected.

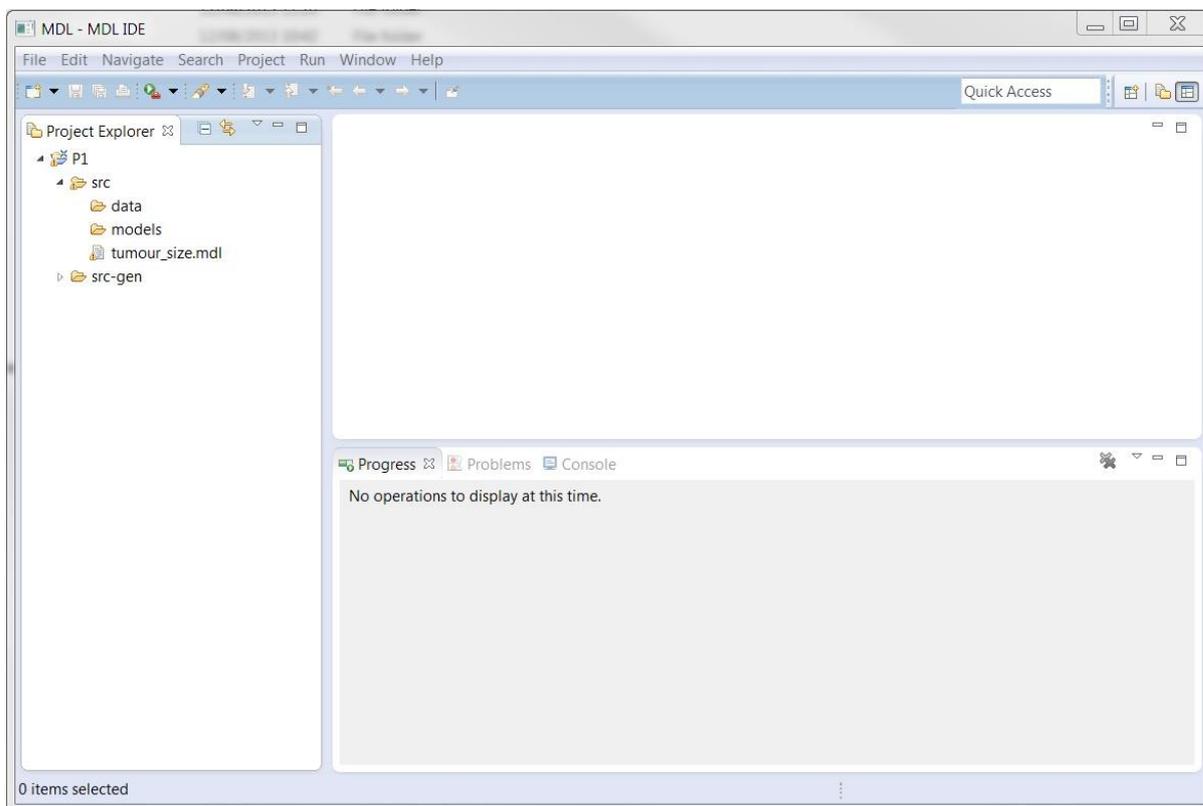
2.4.3 Selecting the MDL Perspective

To change the layout to be better geared towards MDL development you can select the MDL perspective.



To enable the MDL perspective select **Window -> Open Perspective -> MDL** from the main toolbar.

With the MDL Perspective activated the MDL IDE should look similar to this:



2.5 Troubleshooting

2.5.1 The MDL IDE Fails to Start

If you get a message that looks similar to the following:

Failed to load the JNI shared library "C:/xx/xx/jvm.dll"`.

It is likely that the Java architecture and the MDL IDE architecture are different. To resolve this please download the MDL IDE again using the link to the other architecture (32 bit if originally downloaded 64 bit and vice versa).

3 Document Revision History

Version	Author	Date	Description
0.1	J Carr	10/09/13	Initial Version
0.2	J Carr	16/09/13	Added final locations for build and updates
0.3	J Carr	18/09/13	Removed updates section
0.4	J Carr	7/10/13	Updated download links
0.5	J Carr	30/10/13	Updated java version section