

Installation guide for DDMoRe Interoperability Framework integrating WinBUGS plugin v.2.0

1. Navigate to <http://aimed11.unipv.it/DDMoReIOF+WinBUGSplugin2.0/> and download the pre-built full SEE package “*see-full-161017.rar*”

2. Extract all the files contained in the SEE package to a local folder (e.g. C:\ see-full), hereafter called <SEE_HOME>. Note that this folder must not include spaces, and it must be a short path (< 50 characters) to avoid Windows path length issues.

3. Necessary licence files for the software to be executed need to be installed. Install your licenses as follows:

a) For NONMEM: copy your licence file into the following location:

<SEE_HOME>\nm_7.3.0_g\license. If you don't have one, apply for a license by sending an email request to IDSSoftware@iconplc.com.

b) For Simcyp: contact Steve.Marciniak@certara.com for details on how to obtain and configure the necessary licence.

c) For Monolix:

- if you have a license file, copy the license file to

<SEE_HOME>/Monolix432/bin/monolix_mcr/runtime/config/system/access;

- if you have an activation key, go into the directory

<SEE_HOME>/Monolix432/bin/monolix_mcr/runtime/lib and click on licenseActivate.exe. A popup appears then you can enter the activation key provided by Lixoft.

If you don't have one, apply for a license here: <http://lixoft.com/downloads/#RequestLicense>.

d) For MlxLibrary (used for SimulX):

- if you have a license file, copy the license file to

<SEE_HOME>/mlxlibrary-w64\config\system\access;

- if you have an activation key, go into the directory <SEE_HOME>/mlxlibrary-w64\lib and click on licenseActivate.exe. A popup appears then you can enter the activation key provided by Lixoft.

If you don't have one, apply for a license here: <http://lixoft.com/downloads/#RequestLicense>.

4. Verify the installation:

a) Navigate to the folder <SEE_HOME>\MDL_IDE

b) Double click on the file mdl_ide.exe

c) A dialog box “Security warning” may appear: ensure that the “Always ask before opening this file” checkbox is not ticked and select “Run”.

d) One or more dialog box “Windows firewall has blocked some features of this program” may appear: ensure that the “Private networks” and “Public networks” checkboxes are ticked.

e) The R console will appear. Wait until the message “Success!” is displayed in the R console.

5. Verify the SEE package:

a) Open the *InstallationTest* project by clicking on the project name in the Project Explorer window. If you don't see any *InstallationTest* project, go to File→New→R project and type "InstallationTest" in the Project Name field, then select "Finish". Now a project called *InstallationTest* should appear in the Project Explorer window.

b) Right-click on the script *InstallationTest_createHTML_Script.R* and then select Run As→R script in R submitting directly.

c) if you have installed correctly the SEE package and all the licenses, the *InstallationTest_Aug2016.html* file and the *InstallationTest_Aug2016_reference.html* file should be identical.

5. Shut down the SEE package:

a) Click on the "Terminate" button (red square button) on the R console. Wait until the message "Server is now stopped" is displayed.

b) Choose if save or not the R workspace typing "y" or "n". Then, the message "R stopped" will appear.

c) Close the SEE package clicking on the X button on the title bar. Select "Continue, Exit Workbench now".

You can find useful the following guidelines:

- MDL User Guide and Reference Manual: http://www.ddmore.eu/sites/ddmore/files/instructions/pdf/MDLUserGuide_1.1_PublicRelease_August2016_0.pdf
- MDL Reference: <http://www.ddmore.eu/sites/ddmore/files/instructions/pdf/MDL%20reference%20version%201.0.pdf>
- UseCases description: <http://www.ddmore.eu/sites/ddmore/files/downloads/ReadMe.pdf>