

Integration of RFEM in Revit Structure 2010

RFEM provides an integrated interface to Revit Structure by default. The interface allows for the direct data exchange of analytical models between both programs Revit Structure and RFEM. After Revit Structure has been installed, the interface must be activated in Revit manually.

Installation of the Interface

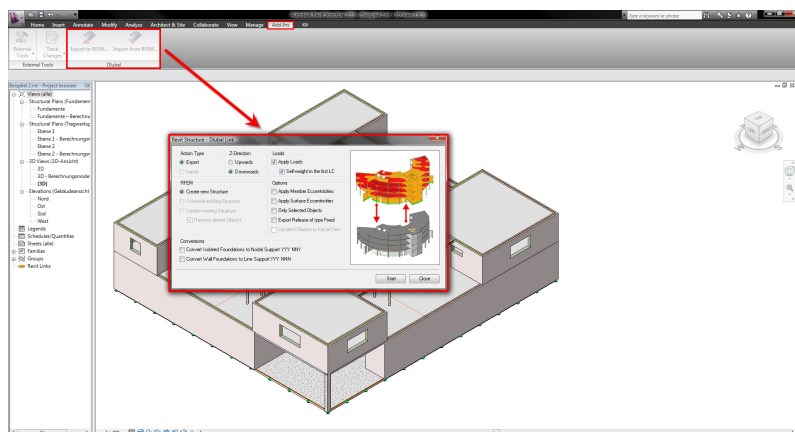
To install the interface, some entries must be added to the file **Revit.ini**. Follow the instructions described below.

1. Install Revit Structure and RFEM.
2. Use the text editor (for example Notepad) to open the file \Programs\Autodesk Revit Structure xxx\Program\Revit.ini in the installation directory of Revit Structure. (xxx depends on the Revit Structure version).
3. Insert the following entry in the file Revit.ini:

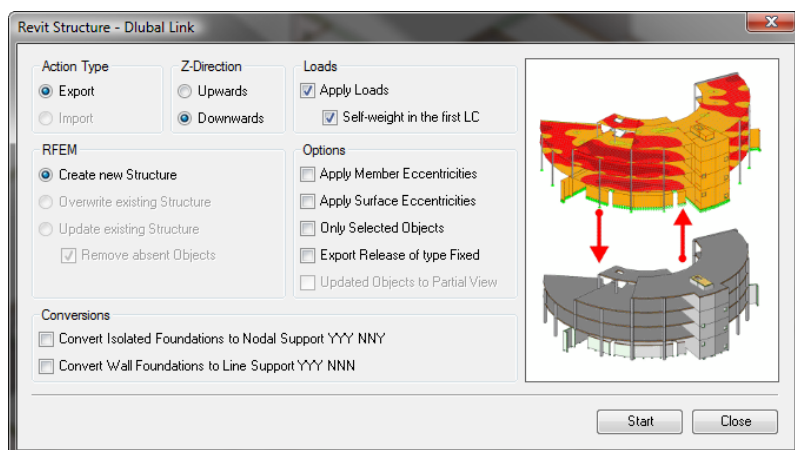
```
[ExternalCommands]
ECCount=1
ECName1 = Dlubal Revit Link...
ECDescription1 = RFEM Export/Import...
ECClassName1 = Dlubal.Revit.Command
ECAssembly1 = C:\Program Files\Common Files\DLubal\ImportExport\RX-Revit\RX-Revit.dll

[ExternalApplications]
EACount = 1
EAClassName1 = Dlubal.Revit.Application
EAAssembly1 = C:\Program Files\Common Files\DLubal\ImportExport\RX-Revit\RX-Revit.dll
```

4. A sample of this entry can be copied to the clipboard from the text file enclosed in this installation file.
5. Adjust the entries for *ECAssembly1* and *EAAssembly1* so that the directory corresponds to your version of Revit Structure and refers to the file RX-Revit.dll.
6. Start Revit Structure and open a model. In the menu register "Add-Ins", you find the entry "External Tools" and the menu items "Export to RFEM..." and "Import from RFEM..." that enable the interface.



Open the RFEM interface in Revit Structure



Dialog box Revit Structure - Dlubal Link

Further Information:

Please find additional information concerning the extent and functionality of the interface between RFEM and Revit Structure in the manual for RX-Revit.

The new AutoCAD-based software AutoCAD Structural Detailing interacts directly with Revit Structure. Now you can generate also reinforcements and bending schedules. A direct interface between RFEM and AutoCAD Structural Detailing to transfer reinforcement ratios calculated by the add-on module RF-CONCRETE is currently under development.

Revit Structure and the interface to RFEM continue to be enhanced. Program modifications may result in interferences between your RFEM version and the version of Revit Structure. If any problems occur, feel free to contact us. We can provide the support you need.

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