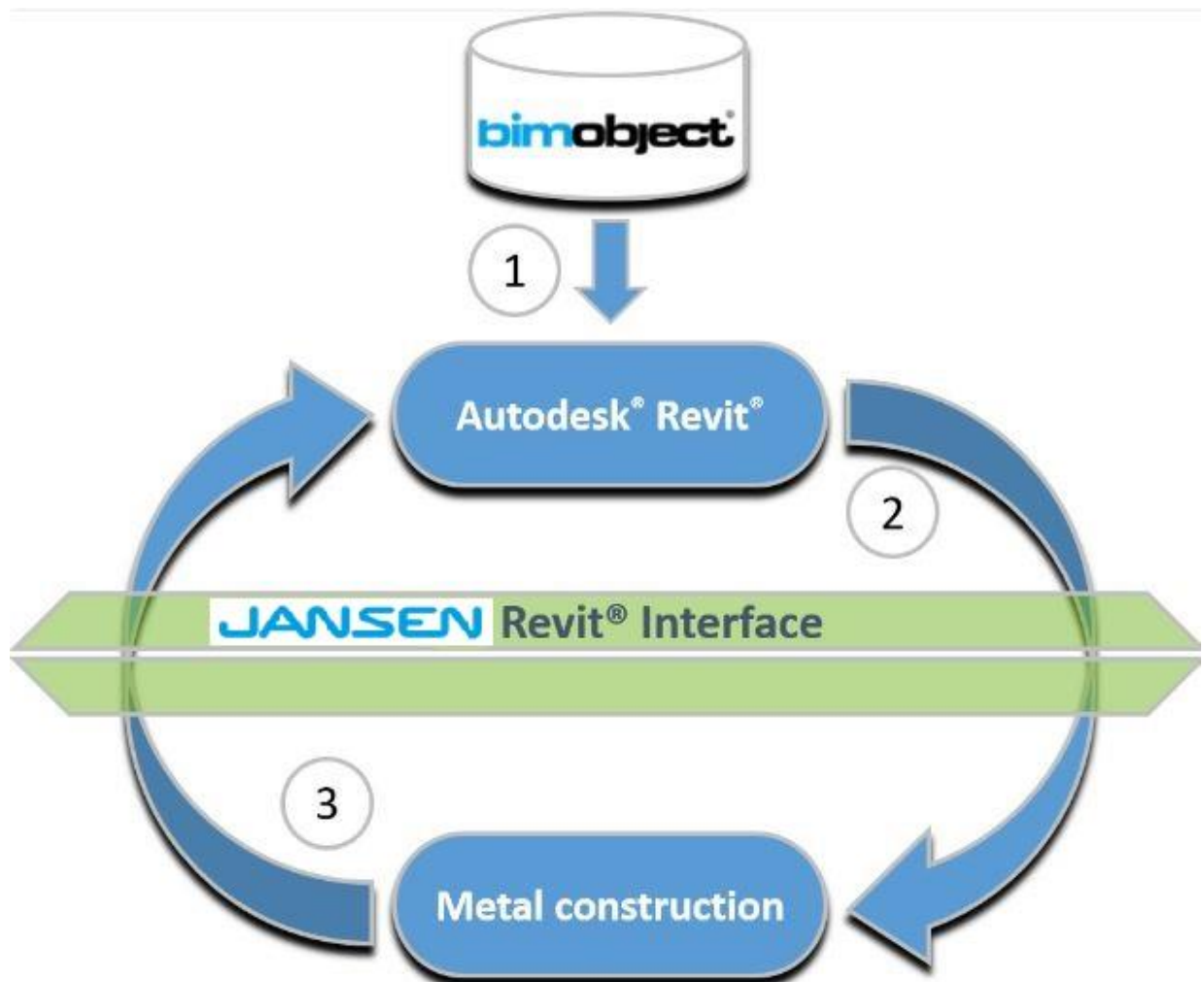# User Guide

Jansen Revit® Interface

The **Jansen Revit® Interface** provides functions for exporting data from a Revit® model for your metal fabrication partner and importing calculated data again into Revit®.
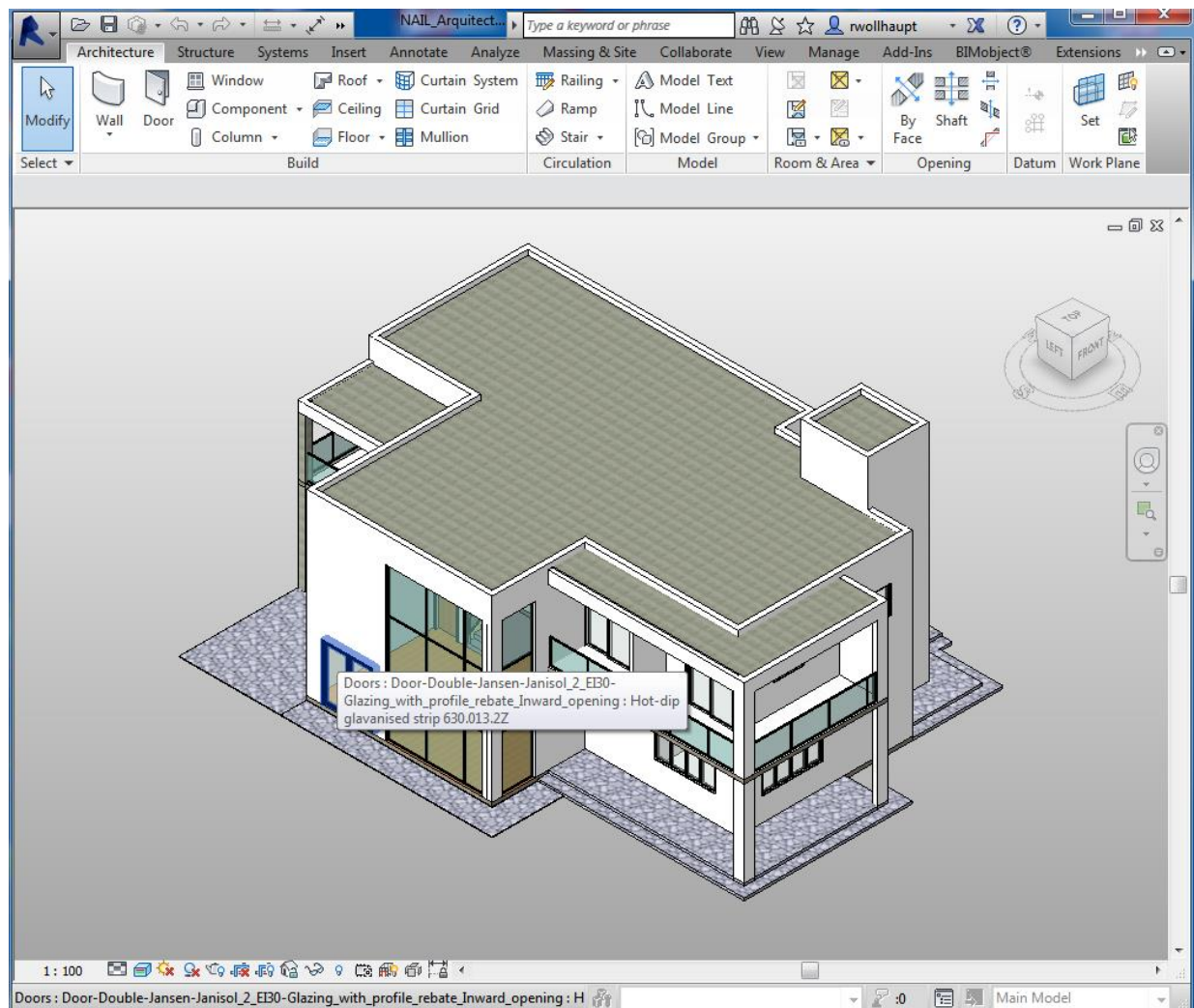
Download:
http://bimobject.com/en/embed/jansen/product/jansen_revit_interface/bimcloud

1. Importing families from BIMobject® into Autodesk® Revit®

Project-independent Jansen-Revit® families are available for you to download at **bimobject** :
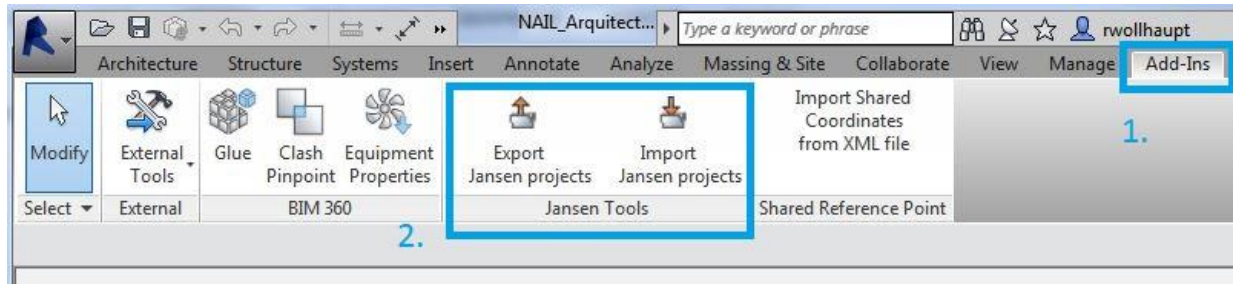**bimobject.com/jansen**

As with all other Autodesk® families, these families can be used in the usual way for building modelling.

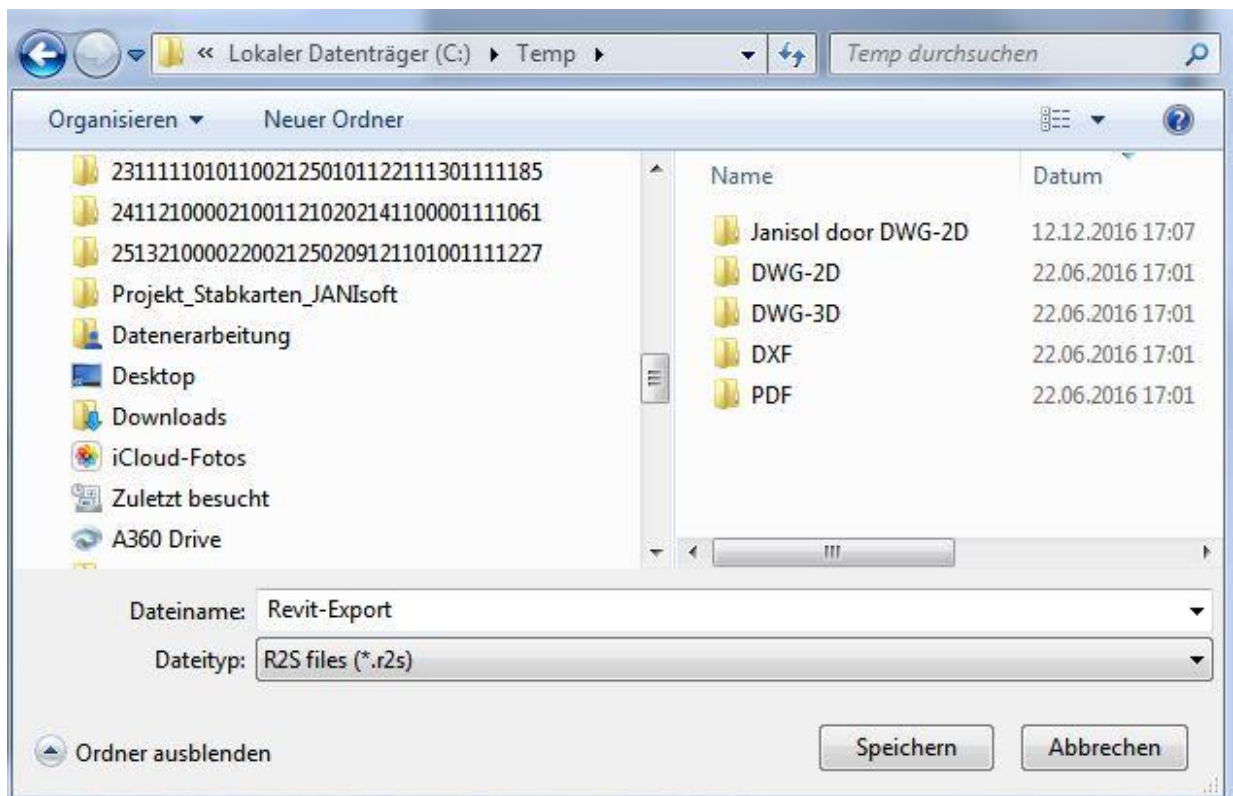# 2. Generating data for metal fabrication partners

Based on an existing Revit® building model, windows, doors, sliding units and façades can be exported for your metal fabrication partner.

To export the data for a project loaded in Revit®, in the "Add-Ins" tab, select "Export Jansen projects" from the "Jansen Tools" group.

Saving an export file

The "Export Jansen projects" dialog box opens, allowing you to define the file name and where it is to be saved.

Confirm this by clicking "Save".

Project information

Having entered the file name and specified where it is to be saved, the next step opens the "Project information" dialog box, which allows you to enter optional additional information on the current project (planning office, processed by, project ID, recipient).

Click "OK" to confirm.

Export details

Then, in the "Select Jansen projects" dialog box, specify which components of the current Revit® building model are to be exported. All of the components are selected as standard.

Where required, untick the boxes next to components which are not to be exported. Alternatively, you can use the "All" or "None" buttons to select or deselect all of the components.
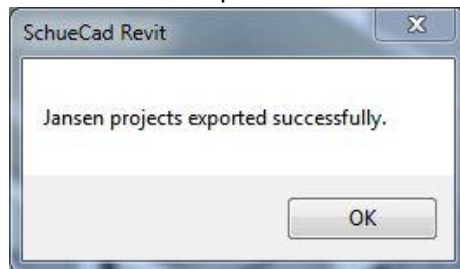
Confirm by clicking "OK".

Note:
Façades are listed separately.
Only perpendicular façade components can be exported.

Export

The selected components of the Revit® building model are now exported.

Following a successful export, a message is displayed which can be confirmed by clicking "OK".
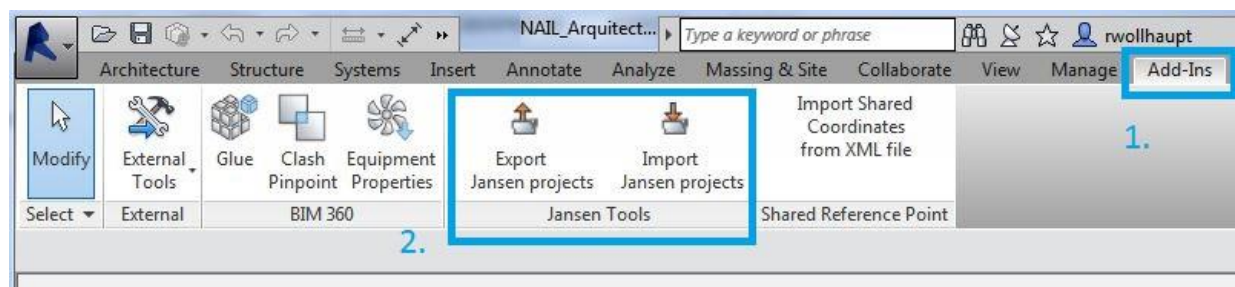
The version of the Revit® building model used in the export should not be changed until the units being worked on have been reimported in order to enable them to be recombined automatically.
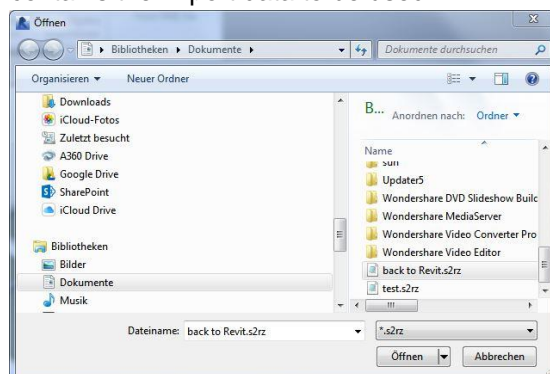
3. Importing data

When the data is imported, the data processed by the metal fabrication partner in calculation software JANIsoft is uploaded into the Revit® building model.

3.1. Importing the calculated data into Autodesk® Revit®

First, open the Revit® building model into which the JANIsoft data is to be imported. Next, in the "Add-Ins" tab of the menu ribbon, select "Import Jansen projects" from the "Jansen Tools" group.
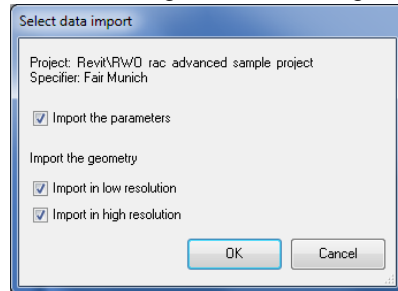

The "Import Jansen projects" file selection dialog box opens. Here, select the particular "s2rz" file that contains the import data to be used.

Then, in the "Select data import" dialog box, specify which information is to be transferred into the loaded Revit® building model.

Here, you can select the parameters calculated in JANIsoft and the original geometry of the units, which are available in two resolution levels. If you import both resolutions, you can subsequently switch between the geometries using the detail setting within the project.

Confirm the selection by clicking "OK". The selected data is imported into Revit® and the model updated accordingly.
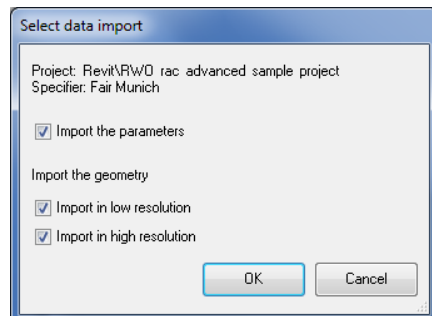
Note:
If you want to reimport a revised calculation from JANIsoft again, first you must restart Revit.

3.2. Importing data from JANIsoft into a new Revit® project

The **Jansen Revit® Interface** in JANIsoft also allows you to export projects from JANIsoft without having previously imported these from Revit®.

To import into **Autodesk® Revit®**, in the "Add-Ins" tab of the menu ribbon, select "Import Jansen projects" from the "Jansen Tools" group. The "Import Jansen projects" file selection dialog box opens. Here, select the particular "s2rz" file that contains the import data to be used.

Then, in the "Select data import" dialog box, specify which information you want to import into the Revit® families to be created.

Here, you can select the parameters calculated in JANIsoft and the original geometry of the units, which are available in two resolution levels. If you import both resolutions, you can subsequently switch between the geometries using the detail setting within the project.

Confirm the selection by clicking "OK". The selected data is imported into Revit®.

A "Save as" dialog box now appears for each item in the import file. Specify in this dialog box where you would like the new family to be saved. Confirm your entries by clicking "OK".

A new family is created, opened in Revit® and saved under the path you have specified.