BIMcollab®

Don't let any issue slip away

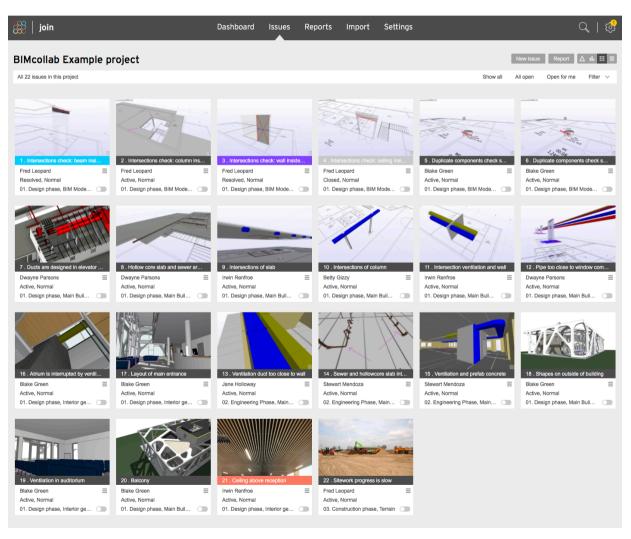
Example Project Reference Guide



BIMcollab Example Project

The BIMcollab Example Project is based on several IFC and BIM source files. It is a mix of issues generated in Solibri Model Checker, issues added with the BCF Managers in ARCHICAD and Revit and issues that where made in the BIMcollab web application.

To understand and use the correct models with corresponding issues, use the following as a reference.



Project model structure

There are 9 IFC files available to test the BIMcollab system cross platform.

2 Solibri Model Checker files (with loaded models) are included for model checking and presentation.

2 Source files are included for testing ARCHICAD and Revit.

Architect model

ARCHICAD: 01_BIMcollab_Example_ARC.pla

Structural model

Revit: 02 BIMcollab Example STR.rvt

MEP model:

DDS-MEP: 03_BIMcollab_Example_MEP.ifcZIP (ifc only)

For the specific installation and use of the BCF Managers we refer the FAQ on the support page.

For the design phase there are 3 IFC files available:

01_BIMcollab_Example_ARC.ifc

02_BIMcollab_Example_STR.ifc

03_BIMcollab_Example_MEP.ifcZIP

For the engineering phase there are 6 IFC files available:

O4_BIMcollab_Example_Elevatorshaft.ifc

05_BIMcollab_Example_Hollow_core_slabs.ifc

06 BIMcollab Example Limestone walls.ifc

07_BIMcollab_Example_Structural Steel.ifc

08_BIMcollab_Example_Ventilation.ifc

09_BIMcollab_Example_Heating_Plumbing.ifc

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Use of the issues

In the Example project there are 22 numbered issues, based on source files and IFC files. Specific uses are available for the following issues:

Issues 1 - 6, 8 - 17 (Design phase)

Added by the Solibri Model Checker file: 03 BIMcollab Design check ARC-STR-MEP.smc

Used IFC models: 01_BIMcollab_Example_ARC.ifc 02_BIMcollab_Example_STR.ifc 03_BIMcollab_Example_MEP.ifcZIP

Issues 7 (Design phase)

Added by Revit BCF Manager: 02_BIMcollab_Example_STR.rvt

Due to limitations of Autodesk Revit at the time of writing, Revit is not capable to select components in a linked Revit or IFC model. As a consequence, only elements that are in the source file are shown when zooming to an issue. As an alternative, use section boxes to see components from a linked file.

Issues 18 - 21 (Design phase)

Added by BCF Manager in ARCHICAD: 01 BIMcollab Example ARC.pla

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Issues 13, 14, 15 (Engineering phase)

Added by the Solibri Model Checker file: 03 BIMcollab Engineering check Prefab-MEP.smc

Used IFC models:

O4_BIMcollab_Example_Elevatorshaft.ifc
O5_BIMcollab_Example_Hollow_core_slabs.ifc
O6_BIMcollab_Example_Limestone walls.ifc
O7_BIMcollab_Example_Structural Steel.ifc
O8_BIMcollab_Example_Ventilation.ifc
O9_BIMcollab_Example_Heating_Plumbing.ifc

Issues 17 - 20(Design phase)

Added by ARCHICAD BCF Manager: 01_BIMcollab_Example_ARC.pla

Issues 21, 22 (Design & Construction phase)

Added by BIMcollab Web application

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5

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