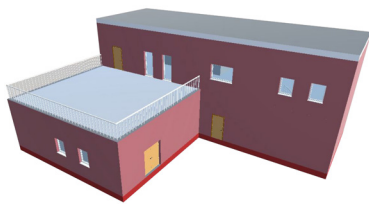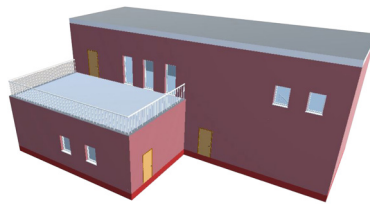# 3D REPO

3D Diff® Change Detection

Detect changes in 3D models regardless of their file type or underlying data structure
Model comparison is based solely on geometry and missing object IDs are no longer a problem
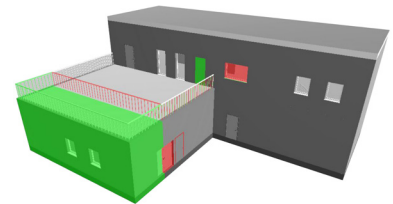
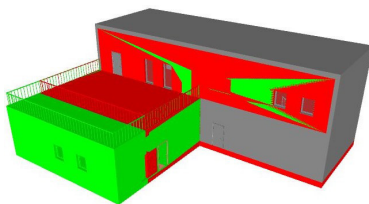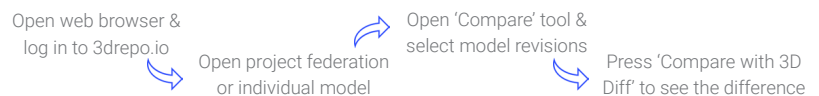### Revision 02   vs   Revision 01   =   Comparison

3D Diff compares Base (Revision 02) and Target (Revision 01) models

Design progress is traceable against any 2 model revisions

Quick and easy model setup done in four simple steps:

Geometrical model changes are visualised as following:
Green for anything additional
Red for anything deleted

Comparison results provide a clear illustration of changes allowing the users to precisely detect their location

Open web browser & log in to 3drepo.io

Open project federation or individual model

Open 'Compare' tool & select model revisions

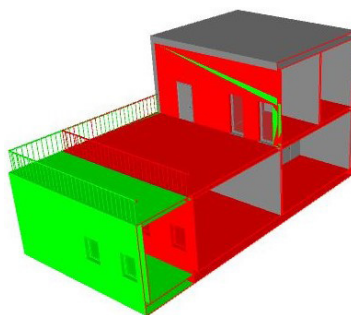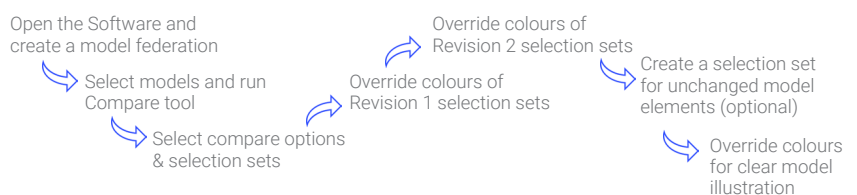Press 'Compare with 3D Diff' to see the difference

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Alternative Compare tool

Geometrical changes are linked to object IDs, resulting in obscure model presentations.
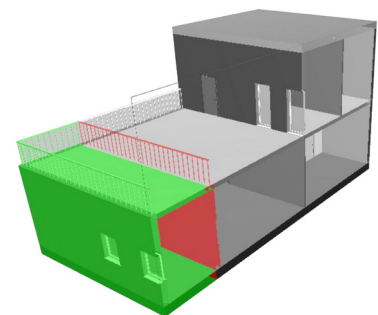
The entire model element is highlighted and not the change in geometry.

Changes to objects are highlighted in both model revisions, resulting in colourful model display.

Model set up is completed in seven steps

Open the Software and create a model federation

Select models and run Compare tool

Select compare options & selection sets

Override colours of Revision 1 selection sets

Override colours of Revision 2 selection sets

Create a selection set for unchanged model elements (optional)

Override colours for clear model illustration

Alternative Compare Section

3D Diff® Section