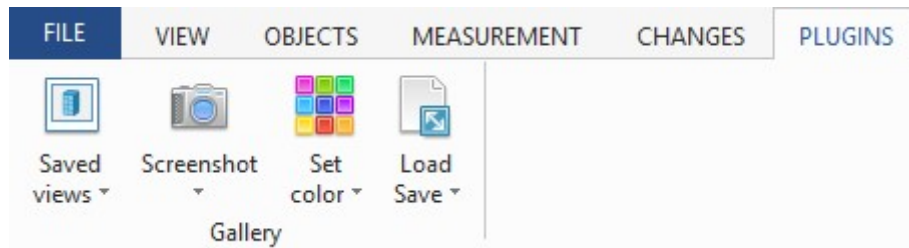# Gallery

Plugin for BIM Vision

Thank you for choosing Gallery plugin. This BIM Vision extension allows to save and load custom views, change the colors of IFC elements and easily take screenshots of current view. Gallery is automatically saved and loaded with IFC model to/from BIM Vision File (*.BVF), or it can be manually loaded and saved to an external file - without an IFC model.

User interface

Plugin adds group "Gallery" with three buttons in ribbon tab "PLUGINS".
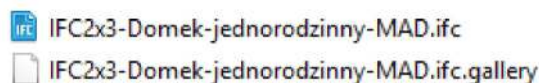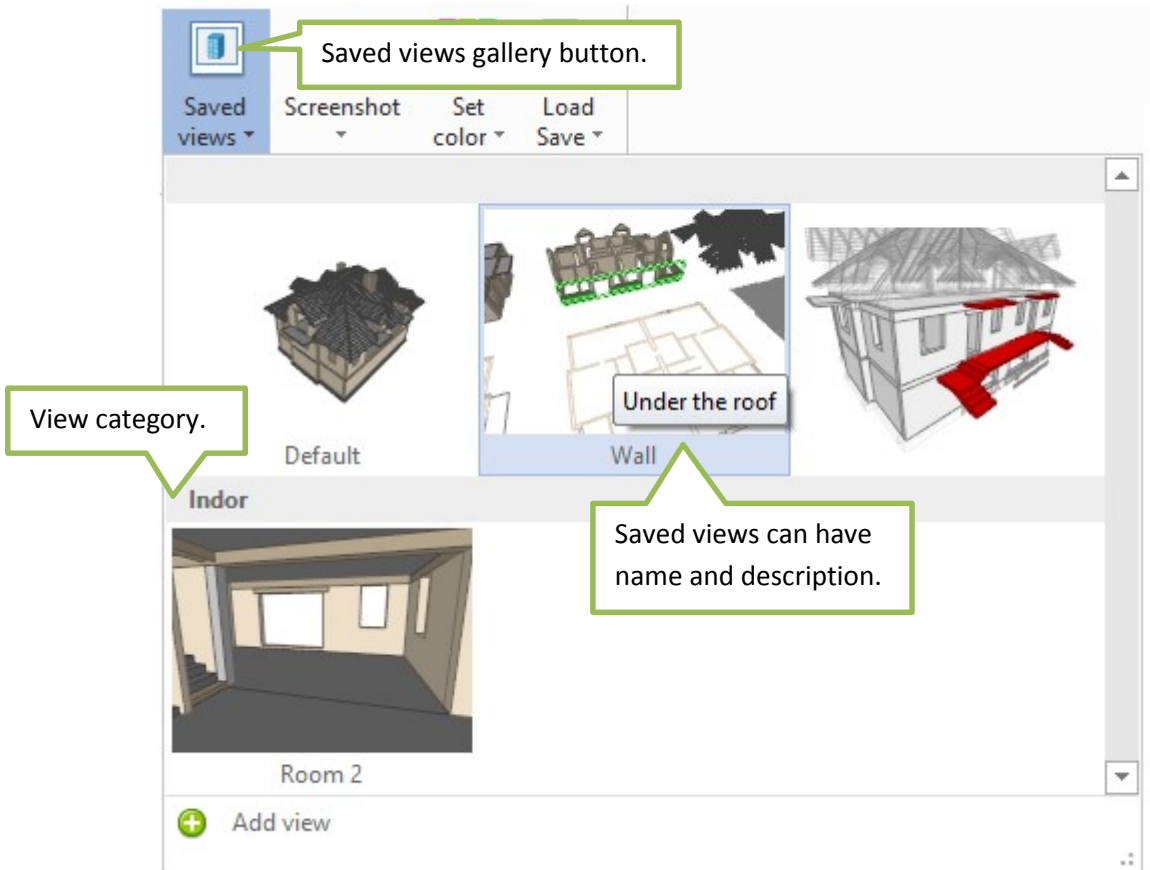

Saved views

When you add a view, plugin remembers main BIM Vision viewing options (camera position, display settings) and state of all IFC elements (active, visible, transparent, selection, colors). Plugin also makes a thumbnail and put it into gallery of views. When you choose this view from gallery, all saved data will be restored.
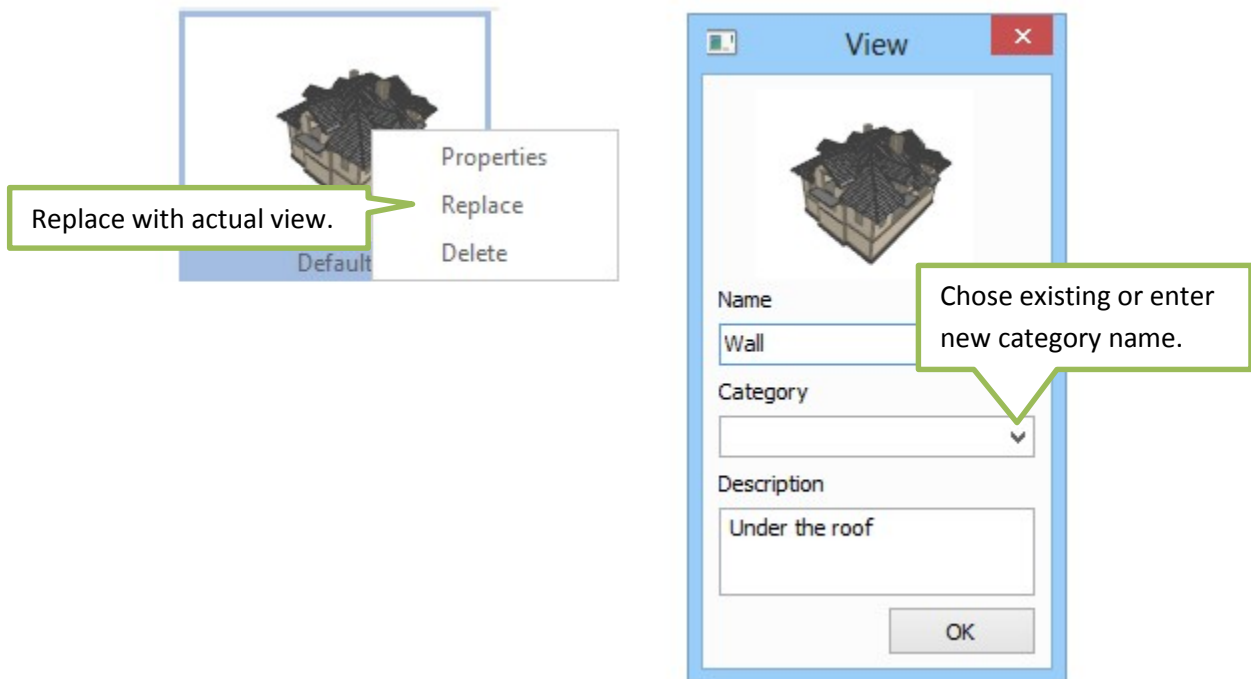
External gallery file

As in plugin version 1.x, when you open an IFC file, views will be automatically loaded from separate file with ".gallery" extension – if that file exist. The name of the file should be same as the name of IFC model file and the file must be in the same directory.

Changes will be not saved automatically to this file – BIM Vision asks you only to save data to BVF file (with IFC model). You can save and load to/from external file by clicking "Load Save" button.
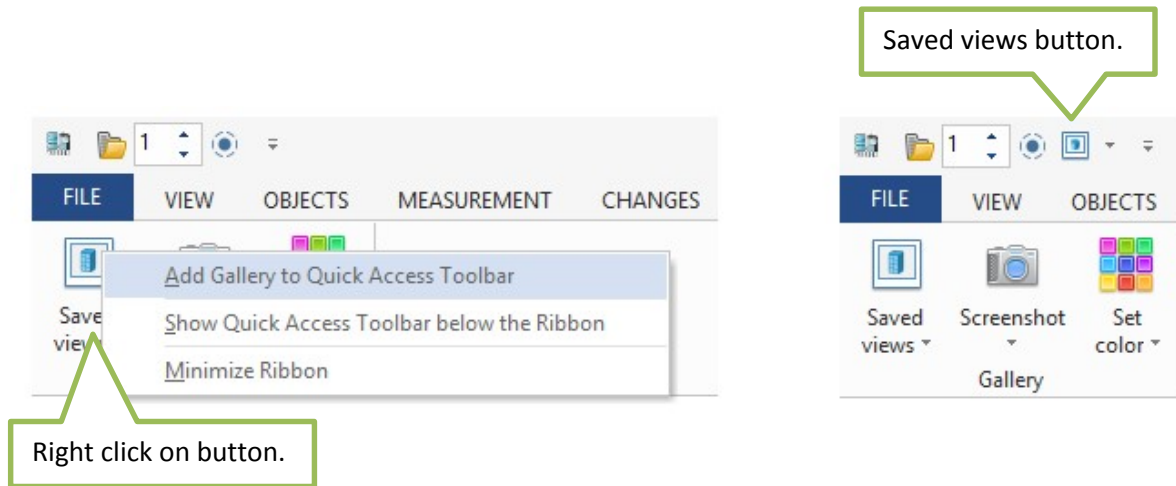
Saved views gallery button.

View category.

Saved views can have name and description.

Right click on saved view to show menu with additional options:

Replace with actual view.

Chose existing or enter new category name.

When category becomes empty (has no views) it will be automatically deleted.

For more convenient usage you can add "Saved views" gallery button to Ribbon's Quich Acces Toolbar.
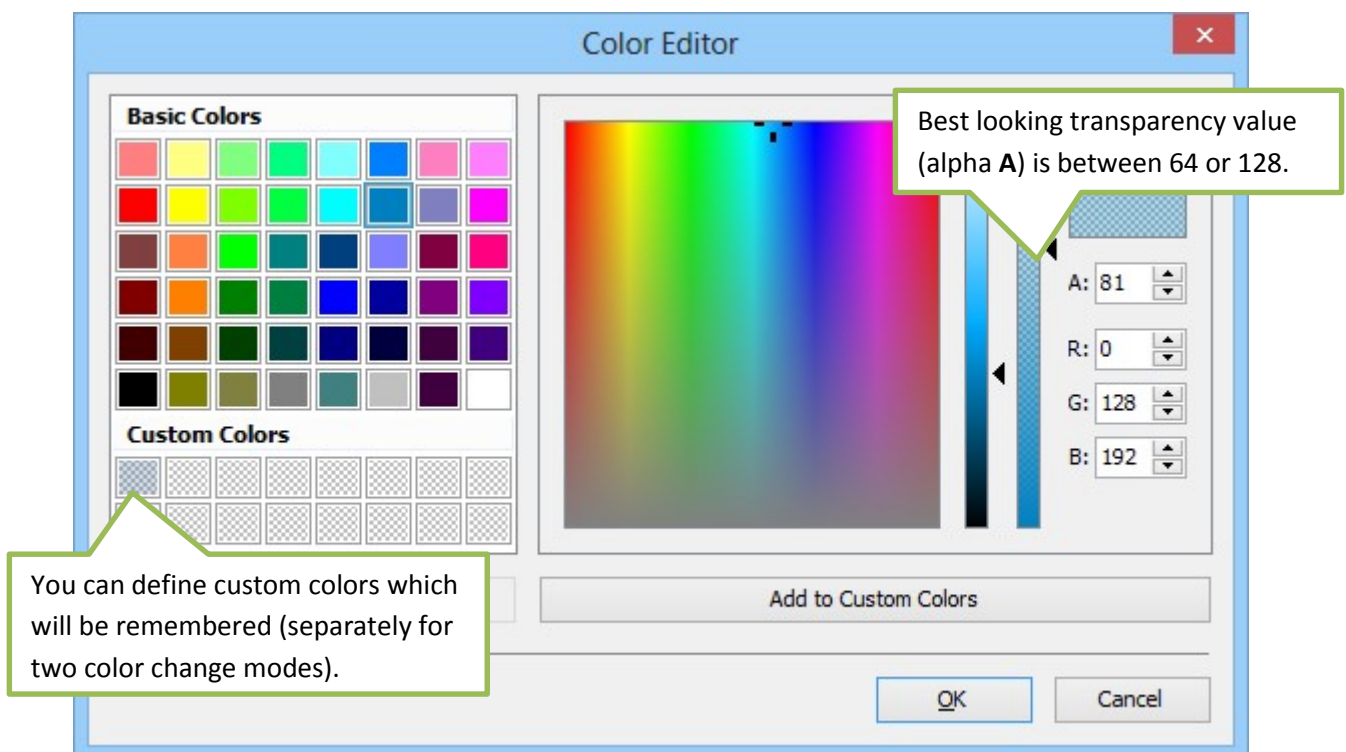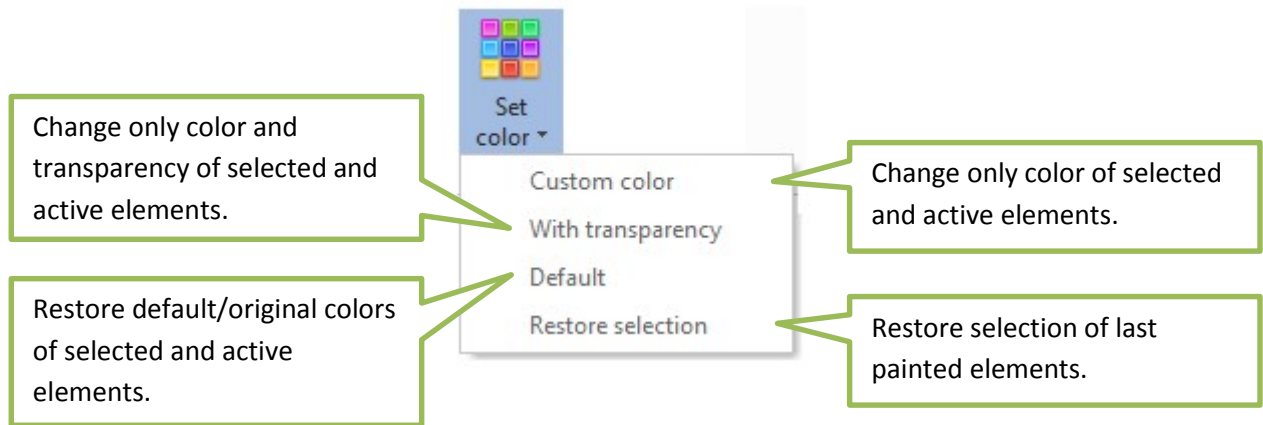

Saved views button.

Right click on button.

Take screenshots

You can either take screenshots of current view and save it to PNG/BMP image file or directly copy to Clipboard.

Take screenshot to image. PNG files (default option in save dialog) have smaller size.

Take screenshot to clipboard (you can paste it to other applications).

Change colors

Change is made only for time of viewing the model (unless you save it in view). You can also modify (remove or add) objects transparency.

Change only color and transparency of selected and active elements.

Change only color of selected and active elements.

Restore default/original colors of selected and active elements.

Restore selection of last painted elements.

Set color ▾

Custom color

With transparency

Default

Restore selection

Color Editor

Basic Colors

Custom Colors

You can define custom colors which will be remembered (separately for two color change modes).

Best looking transparency value (alpha **A**) is between 64 or 128.

A: 81
R: 0
G: 128
B: 192

Add to Custom Colors

OK   Cancel

Release notes

- 2.0
  - gallery is automatically saved and loaded with IFC model to/from BIM Vision File (*.BVF)
  - ability to manually save and load gallery to/from an external file (*.gallery)
  - added thumbnail to properties window
  - option to clear gallery
  - demo does not allow to save gallery

Demo limitations

In demo mode you cannot save gallery. You can also do up to 4 screenshots per application run. There is also limit for number of view refresh caused by plugin to about 100.

Contact and copyrights

If you have any suggestions or questions please write to: contact@bimvision.eu with "plugin Gallery" in title. More plugins: store.bimvision.eu

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Plugin uses FatCow icons (http://www.fatcow.com/free-icons)