

Web Update Enhancement List

Revit Architecture 2009

Improvements made in Web Update 3 build (20081118 1045):

Revit Architecture 2009/ Revit® Platform Enhancements

- Slab Edges when joined to their hosting Floor will now be able to cut the floor when the user manually remakes the join.
- Improves visibility of Color Fills for certain interior wall conditions.
- Improves IFC Export for Walls and MEP elements.
- Improves stability when using the Split tool.
- Improves stability when using Temporary Hide/Isolate functionality in 3D view.
- Improves stability when binding a linked Revit file into a project.
- Improves stability when switching between views.
- Improves stability when selecting any of the column headers on the CAD Formats tab of the Manage Links dialog.

Improvements made in Web Update 2 build (20080915 2100):

Revit Architecture 2009/ Revit® Platform Enhancements

- Improves the ability to link markups made in a DWFx file.
- Improves the ability to view thumbnail previews in Microsoft® Windows® XP x64.
- Decal bump image map will now import at correct scale for cut-out.
- Floors containing multiple slopes and walls will now export to IFC correctly.
- Improves the display of colors in shaded views to be more consistent with the 2008 Revit product line.
- Export to DXF/DWG will now export the Material's color_map texture.
- Mass Floors no longer disappear when adding text to Mass Element comments.
- Improves stability of worksharing when saving to central.
- Improves visibility of common edges when joining in-place family.
- Improves stability when accessing Pantone dialog.
- Improves stability when upgrading project or family from the 2008 version of a Revit product.
- Improves stability when selecting elements in a 3D view.
- Moving a model pattern with a face-based family constrained to it no longer causes a constraint error.
- Improves stability when switching between views.
- Improves stability when importing DWG files.
- Improves performance when adding or editing walls in models with rooms.
- Improves stability when creating a section.
- When exporting to DWG, the ceiling pattern will now export correctly.
- After a project is upgraded to the 2009 version of a Revit product, the linework will now display as set in previous version.
- Enables “Show family pre-cut in plan views” parameter for structural framing category family so that the geometry can be cut by the cut plane in medium and fine views.

API Enhancements

- By following a modified install procedure, VSTA can now run with non-administrative user permissions. Please see the Revit VSTA User Manual in the Revit SDK package for complete details.

Improvements made in Web Update 1 build (20080602 1900):

Note: It is highly recommended that you reinstall the content when installing Web Update 1 due to changes in the rendering library and other pieces of content.

Revit Architecture 2009/ Revit® Platform Enhancements

- Improves performance when modifying customer visibility settings for linked files, when many volumes exist that are bound by the linked file.
- Improves the plotting consistency of certain components that are placed over hatched elements in coordination and architectural discipline views.
- Rooms will now export Revit internal parameters for IFC.
- When rendering, the progress bar reports correct percent complete.
- “Intensity” on Decal Types dialog was changed to “Brightness” to match Help documentation.
- Spot elevation with Display Elevation = Top & Bottom Elevation will now report the correct bottom elevation for sloped elements.
- In plan view with medium or fine detail level, spot elevations now report the correct top or bottom elevation of a beam that is joined to a column.
- Improves stability when changing the visibility of a link in a view template.
- “Downlight – Spot” light family no longer has duplicate Tilt Angle parameter.
- Lights that were in a light group that was deleted are no longer controlled by the deleted light group; instead they are controlled by the Ungrouped Lights status.
- Improves the ability to enter custom DPI value in the Render dialog.
- Improves stability when exporting to CAD formats.
- Improves stability when closing SteeringWheels.
- Improves stability when adding elements to a group.
- Families that contain arrayed voids will now function properly in the project.
- Improves stability for users with non-English operating systems when using the Open/Save dialog.
- Notes created in Revit for a DWF markup object will now propagate to the DWF after selecting publish.
- Enabling daylight portals will now affect the rendered appearance.
- Spotting on interior renderings with many internal light sources no longer occurs.
- Improves appearance of decals using cut-outs.
- Corrects “Unable to Start” error when starting the application.
- Model lines now remain in the correct design option when split.
- Structural columns will now have a higher priority when joined to non-bearing and shear walls.
- For sweeps on an arc wall, you now have the option to change sweep returns.
- Restores some structural components in SouthAsiaLibrary content bundle.

API Enhancements

- Parameter binding performance has been improved.
- The JoinType method has been implemented for the LocationCurve of structural members.
- Mullion LocationCurves are now accessible through the API.
- External programs may now suppress VSTA startup warning messages.
- The built-in parameter MATERIAL_PARAM_TRANSPARENCY now returns the correct set value.



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