Update Release Notes

Issues addressed in Autodesk® Revit® 2015 Update Release 3 (Build 20140606_1530):

If you are updating Autodesk® Revit® 2015, all issues addressed in the individual stand-alone products are included in this update.

* Indicates an issue that was reported by a Revit user.

Autodesk® Revit® Architecture 2015 Updates

- Improves performance when placing a large number of adaptive components.
- Updates graphics certification file.
- Improves multi-reference annotation tag grouping when tags contains more than one label.
- Improves preview image retention when families are saved in Project Browser.
- Improves stability of Revit user interface.
- Improves stability when opening Revit project by double-clicking RVT files in Windows Explorer.
- Enables display of project names containing apostrophes in Energy Simulation dialog.
- Improves stability of Energy Simulation when project includes sandwiched Revit elements.*
- Improves stability of rendering in the cloud when the selected view is missing light group data.
- Improves stability of Suite Workflows after double-clicking Workflow Manager.
- Improves rendering results when adaptive components are rendered in the cloud.
- Improves stability when upgrading legacy Revit projects.*
- Improves data integrity when copying or reloading groups that contain shared nested families between projects.
- Improves stability when loading a family while adding a Family Type parameter.
- Improves stability when editing a filter that is owned by another user.
- Improves performance when saving new central file to Revit Server.
- Improves data integrity in projects that contain large elements, such as ImageHolders.*
- Improves stability while opening IFC files.*
- Improves performance when editing masses with applied divided surfaces.
- Improves stability when exporting to SAT format with projects that contain linked files.
- Improves stability during use of the Paste command.
- Improves stability when opening IFC files and modifying Phasing settings.*
- Improves data integrity when swept surfaces are exported to SAT format.*
- Improves stability while exporting to ODBC database when project is missing assembly code settings.
- Improves data integrity in projects created from UK templates.
- Improves stability when canceling out of worksharing permission error while in Design Options.
- Improves stability when closing the Rendering dialog.
- Improves data integrity when closing a local file without synchronizing with central.
- Improves stability when creating material takeoff and then adding parameters.
- Improves stability when exiting Revit.
- Allows proper display of schedules on sheets when fields are sorted or grouped.*
- Allows proper display of selected elements when shadows are enabled in view.
- Improves stability when opening projects that include corrupt families.
- Improves data integrity when copying elements between projects.
- Improves stability when deleting family types from Project Browser.
- Improves stability when working with worksharing files.
- Improves results when angular equality constraint is used for doors and windows in curved walls.
- Improves stability when splitting walls.

- Improves data integrity when default material for a host that is used by families is deleted.
- Improves stability when importing DWG files.
- Improves stability when exiting Revit while Ray Trace visual style is active.
- Improves stability when working with point clouds.
- Improves stability when loading nested families while in Family Editor.
- Improves stability when editing groups.
- Improves regeneration of families that include a reporting parameter.

Autodesk® Revit® MEP 2015 Updates

- Improves calculated airflow results when using a combination of imperial and metric units.
- Improves performance when working with mechanical and piping systems.
- Allows ducts to retain proper alignment after elevation of levels is modified.*
- Improves data integrity when using the Pipe Sizing tool.
- Improves consistency of undo/redo commands while editing a panel schedule template.
- Improves stability when generating pipe layouts.
- Improves data integrity of piping systems when calculation level is set to volume only.
- Allows proper updating of circuit numbers after circuits are moved in panel schedule.
- Allows proper assigning of ASHRAE tables to duct fittings.
- Allows proper display of 3-pole circuits in panel schedules.
- Allows proper retention of circuit loads after assigning a space circuit in a panel schedule.*
- Allows proper retention of circuit assignment after synchronizing with central.*
- Allows taps to remain connected to main duct when taps and ducts reside on different levels and then levels are modified.
- Allows proper updating of electrical fixture parameters when dependent on volts/poles instance parameters.
- Allows duct transitions to remain connected after changing the duct size.*
- Improves stability when dragging cable tray and/or conduit.
- Allows proper connection between circuit and panels to be retained when editing circuit information and panel schedules.
- Improves stability when creating in-place masses while System Browser is open.

Autodesk® Revit® Structure 2015 Updates

- Improves retention of beam annotation settings in projects that were not created from a template.*
- Improves results when mirroring rotated beams and columns.*
- Improves appearance of intersections between concrete beams and walls.*
- Improves stability when editing slanted columns.
- Improves stability when moving shape handles on bar joists while in a section view after disallowing joining.
- Improves stability when using the beam Change Reference tool.
- Improves results when modifying the cross-section rotation of vertical braces.

Autodesk® Revit® API 2015 Updates

- Improves retention of device connections when using Wire.Create to create new wire connecting to a device.
- Improves display of wire connection points when using Wire.ConnectTo and Connector.Connect.
- Enable changes to MEPSystemType.CalculationLevel via public API.
- Level parameter correctly set when elements are placed via NewFamilyInstance().
- Improves retention of parameters in line boundary condition objects.
- Improves stability when using CompoundStructure.SetLayers.*
- Allows proper assignment of a Phase Created value when using DirectShapes.
- Improves alignment of text created via API.
- Improves stability when the API is in Automatic TransactionMode.

Issues address in Autodesk® Revit® 2015 Security Update Release (Build 20140323_1530):

- Addresses Heartbleed vulnerability - a security bug in the open-source OpenSSL cryptography library. Heartbleed is registered in the Common Vulnerabilities and Exposures system as CVE-2014-0160. For more information, please visit the CVE dictionary at http://cve.mitre.org

Issues addressed in Autodesk® Revit® 2015 Update Release 1 (Build 20140322_1515):

Autodesk® Revit® Architecture 2015 Updates

- Improves data integrity when editing nested families.
- Improves stability when editing nested families.
- Improves stability when editing when expanding schedule columns.
- Improves upgrade of projects which contain rebar elements.
- Removes format constraints for assembly codes.
- Improves data collection when Customer Involvement Program is enabled.

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