

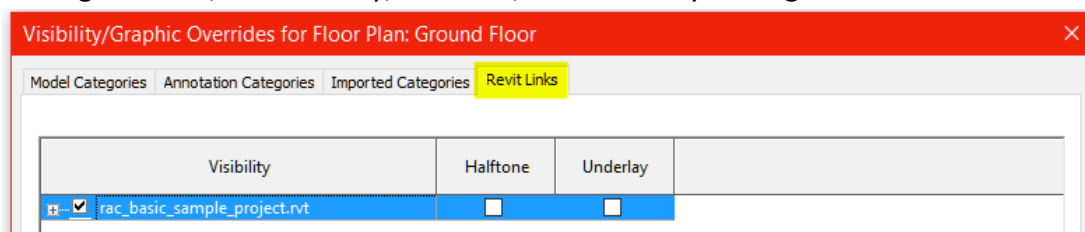
Revit LT vs Revit – What’s the Difference???

By Bill Adams (@blads), Redstack



With Revit LT the primary focus is on Architectural disciplines and has reduced tools when compared to Revit (AEC Collections). The main Revit LT differences (not a comprehensive list) include:

- Does not support as many options for modeling irregular geometry, eg, shape editing of floors, roofs, etc
- Does not support massing objects.
- Does not support in-place modelling families (families that only exist in a project).
- It does support the creation of families manually with geometry forms and load them into a project.
- Does not have the following functions:
 - Ray trace visual style
 - Selection sets
 - View filters / Visibility-Graphics Filters tab)
 - Sun path
- In the Visibility/Graphics override display panel, the Revit Links tab, the Display Settings column, the Visibility, Halftone, and Underlay settings are available.



- Physical and thermal properties of materials (Graphics and appearance properties are still available for materials.)
- Stairs are only created by the “Stairs by Component” method. “Stair by Sketch” tools can only be used to modify stairs.
- Does not support Worksets and Worksharing and associated collaboration tools.
- You can use Revit LT to open a Revit project that contains point clouds, however you cannot link in a “Point Cloud” into a Revit LT project directly.
- Rendering photo-realistic images locally are not available in Revit LT, however, it does support rendering in the cloud with Autodesk 360.
- Does not support third party add-on applications, however you can **install Autodesk add-ons**, like the “Roombook Areabook Buildingbook” Extension which assists you in the quantification of your projects. **Autodesk Live**, an interactive architectural visualization & VR application can now be used on Revit LT.



Revit LT Ribbon tabs / tools

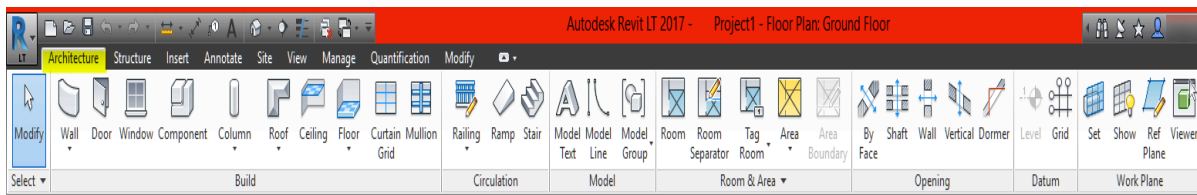


Figure 1 Architecture Tab

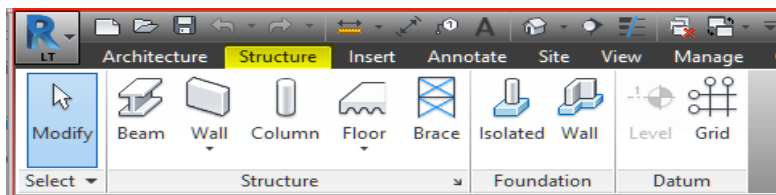


Figure 2 Structure tab

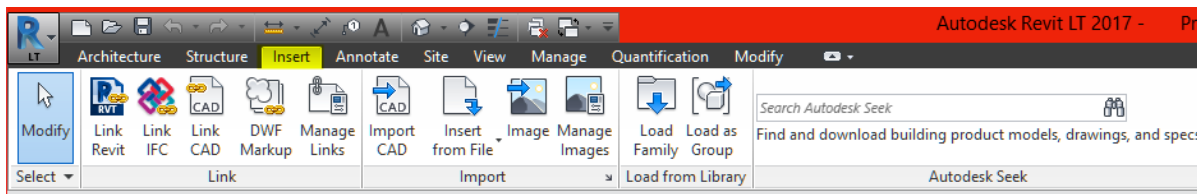


Figure 3 Insert tab

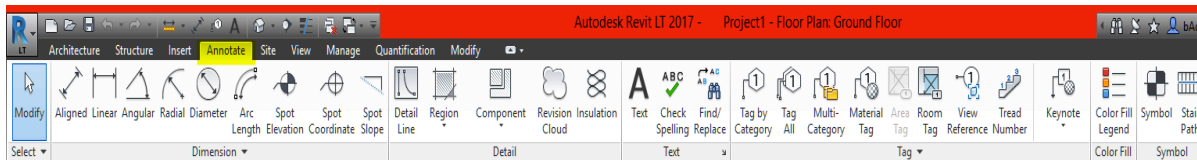


Figure 4 Annotate tab

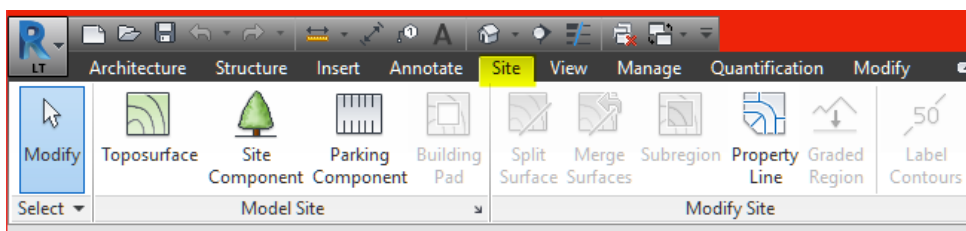


Figure 5 Site tab

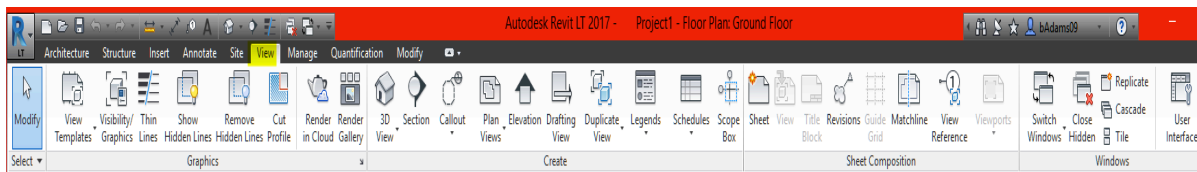


Figure 6 View tab

Revit vs. Revit LT – What’s the Difference?
by Redstack

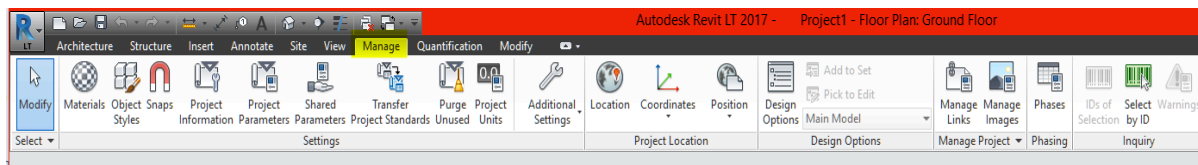


Figure 7 Mange tab

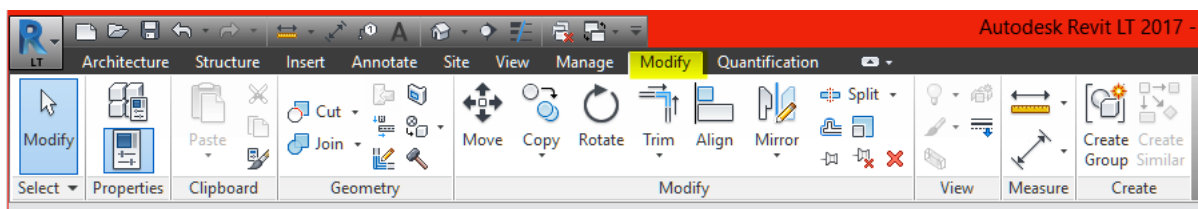


Figure 8 Modify tab

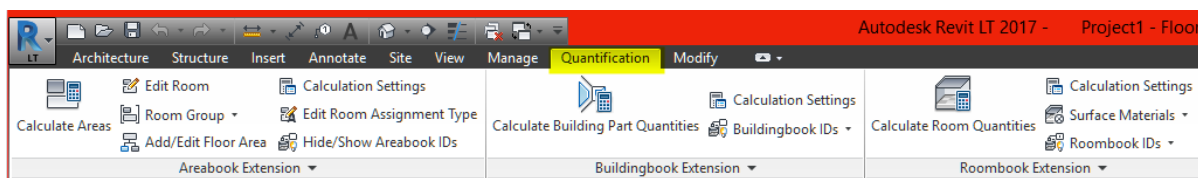


Figure 9 Quantification tab (subscription only)

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Thinking by Design

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