Revit FAQs: 63 questions with answers!

Description

Revit, a powerful Building Information Modeling (BIM) software developed by Autodesk, has become an industry standard for architects, engineers, and construction professionals. Its comprehensive set of tools allows users to create detailed 3D models, generate 2D drawings, and track various stages of a buildingâ€™s lifecycle, from concept to construction and later demolition. However, as with any complex software, users often have questions about how to perform specific tasks or overcome challenges they encounter while working in Revit. This article aims to answer 63 of the most frequently asked questions about Revit, providing a valuable resource for both new and experienced users.

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1. How to array along a curve in Revit?

In Revit, there isnâ€™t a direct tool to array along a curve. However, you can use a workaround by creating a path and then using the â€œDivide Pathâ€• function to create points along the curve. You can then place your object at each of these points.

2. How to open BIM 360 in Revit?

To open BIM 360 in Revit, go to the â€œFileâ€• menu, then select â€œOpenâ€•, and then â€œBIM 360â€•. This will open a dialog box where you can select the BIM 360 project you want to open.

3. How to change the host of a family in Revit?

To change the host of a family in Revit, you need to edit the family. Open the family editor, select the family you want to change, and then select a new host in the â€œPropertiesâ€• panel.

4. How to make a railing slope in Revit?

To make a railing slope in Revit, you need to create a path for the railing that follows the slope. You can do this by drawing a line or a spline along the slope, and then using this as the path for the railing.

5. How to use model line in Revit?

Model lines in Revit are used to create 2D and 3D geometry that is not associated with a specific view. To use a model line, go to the â€œAnnotateâ€• tab, select â€œDetail Lineâ€•, and then select â€œModel Lineâ€•. You can then draw the line in the view you are working in.

6. How to add a revision to a sheet in Revit?

To add a revision to a sheet in Revit, go to the â€œViewâ€• tab, then â€œSheet Compositionâ€•, and then â€œRevisionsâ€•. In the â€œRevisionsâ€• dialog box, you can add a new revision, specify the details, and then apply it to the sheet.

7. How to add grass material in Revit?

To add grass material in Revit, go to the â€œManageâ€• tab, then â€œMaterialsâ€•. In the â€œMaterialsâ€• dialog box, you can create a new material and specify its properties, including its appearance as grass.

8. How to add leader to tag in Revit?

To add a leader to a tag in Revit, select the tag, and then in the â€œPropertiesâ€• panel, check the box for â€œLeaderâ€•. You can then adjust the leader as needed.

9. How to add scale parameter in Revit?

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To add a scale parameter in Revit, you need to create a new shared parameter. Go to the â€œManageâ€• tab, then â€œShared Parametersâ€•, and create a new parameter with the desired settings. You can then add this parameter to your families or projects as needed.

10. How to adjust cut plane in Revit?

To adjust the cut plane in Revit, go to the â€œPropertiesâ€• panel, and under â€œView Rangeâ€•, adjust the â€œCut Planeâ€• setting. This will change the height at which the view cuts through the model.

11. How to adjust room boundary in Revit?

To adjust a room boundary in Revit, select the room, and then use the â€œEdit Boundaryâ€• tool. You can then adjust the boundary lines as needed.

12. How to change current revision description in Revit?

To change the current revision description in Revit, go to the â€œViewâ€• tab, then â€œSheet Compositionâ€•, and then â€œRevisionsâ€•. In the â€œRevisionsâ€• dialog box, select the revision you want to change, and then edit the description.

13. How to change pipe system abbreviation in Revit?

To change the pipe system abbreviation in Revit, go to the â€œManageâ€• tab, then â€œProject Settingsâ€•, and then â€œPipe Settingsâ€•. In the â€œPipe Settingsâ€• dialog box, you can change the abbreviation for each pipe system.

14. How to change section head color in Revit?

To change the section head color in Revit, go to the â€œManageâ€• tab, then â€œAdditional Settingsâ€•, and then â€œLine Stylesâ€•. In the â€œLine Stylesâ€• dialog box, you can change the color of the section head line style.

15. How to change the phase of a room in Revit?

To change the phase of a room in Revit, select the room, and then in the â€œPropertiesâ€• panel, change the â€œPhaseâ€• setting to the desired phase.

16. How to create a dummy schedule in Revit?

To create a dummy schedule in Revit, go to the â€œViewâ€• tab, then â€œCreateâ€•, and then â€œSchedule/Quantitiesâ€•. In the â€œNew Scheduleâ€• dialog box, select the category you want to schedule, and then add the fields you want to include in the schedule. You can then leave the schedule empty to serve as a dummy schedule.

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17. How to create a new sheet discipline in Revit?

To create a new sheet discipline in Revit, go to the â€œManageâ€• tab, then â€œProject Settingsâ€•, and then â€œProject Informationâ€•. In the â€œProject Informationâ€• dialog box, you can add a new discipline to the â€œDisciplinesâ€• list.

18. How to create a sloped beam system in Revit?

To create a sloped beam system in Revit, first create a sloped work plane. Then, go to the â€œStructureâ€• tab, select â€œBeam Systemâ€•, and draw the beam system on the sloped work plane.

19. How to create a solid in Revit?

To create a solid in Revit, go to the â€œMassing & Siteâ€• tab, select â€œIn-Place Massâ€•, and then use the â€œCreateâ€• tools to create the solid geometry.

20. How to create a text table in Revit?

To create a text table in Revit, go to the â€œAnnotateâ€• tab, select â€œTextâ€•, and then â€œText Boxâ€•. You can then draw the table and add text to it.

21. How to create category parameters in Revit?

To create category parameters in Revit, go to the â€œManageâ€• tab, then â€œProject Parametersâ€•. In the â€œProject Parametersâ€• dialog box, you can add a new parameter and assign it to the desired categories.

22. How to create layer in Revit?

Revit does not use layers in the same way as other CAD programs. Instead, it uses categories and subcategories to organize elements. You can create new subcategories in the â€œObject Stylesâ€• dialog box, which is found under the â€œManageâ€• tab.

23. How to create pipe family in Revit?

To create a pipe family in Revit, go to the â€œFileâ€• menu, select â€œNewâ€•, and then â€œFamilyâ€•. In the â€œNew Family â€“ Select Template Fileâ€• dialog box, select the â€œPipeâ€• template, and then use the family editor to create the pipe family.

24. How to create reference line in Revit?

To create a reference line in Revit, go to the â€œAnnotateâ€• tab, select â€œDetail Lineâ€•, and then â€œReference Lineâ€•. You can then draw the reference line in the view you are working in.

25. How to draw 3D line in Revit?

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To draw a 3D line in Revit, you need to use the â€œModel Lineâ€• tool. Go to the â€œAnnotateâ€• tab, select â€œDetail Lineâ€•, and then â€œModel Lineâ€•. You can then draw the line in a 3D view.

26. How to edit area boundaries in Revit?

To edit area boundaries in Revit, select the area boundary you want to edit, and then use the â€œEdit Boundaryâ€• tool. You can then adjust the boundary lines as needed.

27. How to edit profile family in Revit?

To edit a profile family in Revit, go to the â€œProject Browserâ€•, find the family you want to edit, right-click on it, and select â€œEditâ€•. This will open the family in the family editor, where you can make your changes.

28. How to enlarge a 3D view in Revit?

To enlarge a 3D view in Revit, you can use the â€œZoomâ€• tool in the view controls. You can also use the scroll wheel on your mouse to zoom in and out.

29. How to find a section in plan Revit?

To find a section in a plan view in Revit, go to the plan view, and look for the section markers. You can then select the marker and use the â€œGo to Viewâ€• tool to open the section view.

30. How to get a roof plan in Revit?

To get a roof plan in Revit, go to the â€œViewâ€• tab, select â€œPlan Viewsâ€•, and then â€œRoof Planâ€•. You can then select the level you want the roof plan for.

31. How to install US Imperial in Revit?

When you install Revit, it should automatically include both Metric and Imperial libraries. If you need to switch to the US Imperial system, you can do so in the â€œProject Unitsâ€• dialog box, which is found under the â€œManageâ€• tab.

32. How to make arrow leader in Revit?

To make an arrow leader in Revit, go to the â€œAnnotateâ€• tab, select â€œTextâ€•, and then â€œText with Leaderâ€•. You can then draw the leader and add your text.

33. How to measure angles in Revit?

To measure angles in Revit, use the â€œMeasureâ€• tool, which is found under the â€œAnnotateâ€• tab. Select â€œMeasure Between Two Referencesâ€•, and then select the two lines or points you want to measure the angle between.

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34. How to move sheet in project browser Revit?

In the Project Browser in Revit, you can drag and drop sheets to reorder them. If you want to move a sheet to a different subset, you can right-click on the sheet, select â€œMove to Subsetâ€•, and then select the subset you want to move the sheet to.

35. How to open a DXF file in Revit?

To open a DXF file in Revit, go to the â€œInsertâ€• tab, select â€œImport CADâ€•, and then select the DXF file you want to import.

36. How to overlay CAD drawings in Revit?

To overlay CAD drawings in Revit, go to the â€œInsertâ€• tab, select â€œLink CADâ€• or â€œImport CADâ€•, and then select the CAD file you want to overlay. In the â€œImport/Link CADâ€• dialog box, make sure to set the positioning to â€œOverlayâ€•.

37. How to put an object on top of another in Revit?

To put an object on top of another in Revit, you can use the â€œMoveâ€• tool to position the object in the desired location. If you need to adjust the elevation of the object, you can do so in the â€œPropertiesâ€• panel.

38. How to recover crashed Revit file?

If Revit crashes, you can recover your work by reopening Revit and selecting â€œRecover Unsaved Changesâ€• when the â€œData Recoveryâ€• dialog box appears. This will open a list of projects that have unsaved changes, and you can select the one you want to recover.

39. How to remove phases in Revit?

To remove phases in Revit, go to the â€œManageâ€• tab, then â€œPhasingâ€•, and then â€œPhasesâ€•. In the â€œPhasesâ€• dialog box, select the phase you want to remove, and then click â€œDeleteâ€•.

40. How to resize viewport in Revit?

To resize a viewport in Revit, select the viewport, and then use the control handles to adjust the size. You can also enter specific dimensions in the â€œPropertiesâ€• panel.

41. How to schedule coordinates in Revit?

To schedule coordinates in Revit, you need to create a shared parameter for the coordinates, and then add this parameter to your schedule. You can then use the â€œReport Coordinatesâ€• tool to populate the parameter with the coordinates of each element.

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42. How to schedule spot coordinates in Revit?

To schedule spot coordinates in Revit, you need to create a spot coordinate for each point you want to schedule. You can then create a schedule that includes the â€œSpot Coordinateâ€• category, and add the necessary fields to the schedule.

43. How to see floor below in Revit?

To see the floor below in a plan view in Revit, you can use the â€œUnderlayâ€• property in the â€œPropertiesâ€• panel. Set the â€œUnderlayâ€• to the level below the one you are currently viewing.

44. How to split a wall in Revit?

To split a wall in Revit, use the â€œSplit Elementâ€• tool, which is found under the â€œModifyâ€• tab. Select the wall you want to split, and then click on the point where you want to split the wall.

45. How to turn off ortho mode in Revit?

To turn off ortho mode in Revit, you can press the â€œF8â€• key on your keyboard. You can also click on the â€œOrtho Modeâ€• button in the status bar to toggle it on and off.

46. How to turn on elevation markers in Revit?

To turn on elevation markers in Revit, go to the â€œViewâ€• tab, select â€œVisibility/Graphicsâ€•, and then check the box for â€œElevation Marksâ€• in the â€œAnnotationsâ€• category.

47. How to unlock a view on a sheet in Revit?

To unlock a view on a sheet in Revit, select the view on the sheet, and then in the â€œPropertiesâ€• panel, uncheck the box for â€œLock View Positionâ€•.

48. How to use scope boxes in Revit?

Scope boxes in Revit are used to define a specific area of the model for a view. To use a scope box, go to the â€œViewâ€• tab, select â€œScope Boxâ€•, and then draw the scope box in the view. You can then assign the scope box to a view in the â€œPropertiesâ€• panel.

49. Does Revit have spell check?

Yes, Revit does have a spell check feature. You can access it by going to the â€œAnnotateâ€• tab, and then selecting â€œSpell Checkâ€•. This will check the spelling in all text elements in the current view.

50. How to add notes to a schedule in Revit?

To add notes to a schedule in Revit, you can add a â€œTextâ€• parameter to the schedule. In the â€œSchedule Propertiesâ€• dialog box, click â€œAddâ€•, and then select â€œTextâ€• as the parameter type. You can then enter your notes in this parameter for each element in the schedule.

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51. How to adjust viewport size in Revit?

To adjust the size of a viewport in Revit, select the viewport on the sheet. Blue control handles will appear at the corners and midpoints of the viewport boundary. Click and drag these handles to adjust the size of the viewport.

52. How to do cross section in Revit?

To create a cross section in Revit, go to the â€œViewâ€• tab, select â€œSectionâ€•, and then â€œCross Sectionâ€•. You can then draw the section line in the view you are working in. The section view will automatically be created and can be accessed from the Project Browser.

53. How to show stairs in RCP (Reflected Ceiling Plan) in Revit?

To show stairs in a Reflected Ceiling Plan (RCP) in Revit, you need to adjust the view range of the RCP to include the stairs. Go to the â€œPropertiesâ€• panel, and under â€œView Rangeâ€•, adjust the â€œTopâ€• and â€œCut Planeâ€• settings so that they include the height of the stairs.

54. Revit canâ€™t adjust scope box?

If youâ€™re unable to adjust a scope box in Revit, it may be because the scope box is locked. To unlock it, select the scope box, and in the â€œPropertiesâ€• panel, uncheck the box for â€œLock 3D Extentsâ€•.

55. Revit canâ€™t change linked model color?

If youâ€™re unable to change the color of a linked model in Revit, it may be because the linked model is set to â€œBy Linked Viewâ€• in the â€œVisibility/Graphics Overridesâ€• settings. To change the color, you need to set it to â€œCustomâ€• and then adjust the color settings.

56. Revit canâ€™t get out of edit mode?

If youâ€™re stuck in edit mode in Revit, you can exit by clicking the â€œFinish Editingâ€• button in the ribbon. If this button is not available, it may be because you are in a dialog box or another mode that needs to be closed first.

57. Revit canâ€™t select linked model?

If youâ€™re unable to select a linked model in Revit, it may be because the linked model is set to â€œNot Selectableâ€• in the â€œVisibility/Graphics Overridesâ€• settings. To make it selectable, you need to change this setting.

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58. What is bind link in Revit?

â€œBind Linkâ€• in Revit is a function that allows you to incorporate a linked Revit model into your current project as a group. This can be useful if you need to edit the elements of the linked model directly, but it should be used with caution as it can significantly increase the size of your project file.

59. What is the use of copy monitor in Revit?

The â€œCopy/Monitorâ€• tool in Revit is used to create a copy of elements from a linked model in your current project, and to monitor these elements for changes. This is useful in collaborative projects where multiple disciplines are working on separate models, as it allows you to keep track of changes made in the linked models.

60. Where is Revit library located?

The Revit library is typically located in the â€œLibrariesâ€• folder in the Revit installation directory. The exact path can vary depending on your version of Revit and your operating system.

61. Why is link Revit greyed out?

If the â€œLink Revitâ€• option is greyed out, it may be because you are in a view or mode that does not support linking Revit models, such as a family editor view. It can also be because you do not have the necessary permissions to link models in a workshared project.

62. How to add anchor bolts in Revit?

To add anchor bolts in Revit, you can use the â€œComponentâ€• tool, which is found under the â€œArchitectureâ€• or â€œStructureâ€• tab. Click â€œComponentâ€•, then â€œPlace a Componentâ€•, and select the anchor bolt family from the list. You can then place the anchor bolts in your model.

63. How to create a site plan view in Revit?

To create a site plan view in Revit, go to the â€œViewâ€• tab, select â€œPlan Viewsâ€•, and then â€œSite Planâ€•. You can then select the level you want the site plan for.

Conclusion

Whether youâ€™re a seasoned Revit user or a beginner just starting to explore the softwareâ€™s capabilities, we hope this comprehensive FAQ has provided you with valuable insights and solutions to your Revit-related queries. Remember, mastering Revit is a journey, and every challenge encountered is an opportunity to learn and grow. As the software continues to evolve, so too will the questions and answers surrounding its use. So, keep exploring, keep asking questions, and keep pushing the boundaries of what you can achieve with Revit.

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