

DirootsOne for Revit

1. TARGET AUDIENCE:

This course is designed for professionals involved in Revit modeling, documentation, and BIM workflows, including:

- BIM Modelers
 - BIM Engineers
 - BIM Coordinators
 - Revit Architects
 - Revit Structural Engineers
 - Revit MEP Engineers
 - CAD/BIM Technicians
 - AEC Professionals seeking to improve Revit productivity
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2. COURSE OBJECTIVE:

After completing this course, learners will be able to:

- Understand the DiRootsOne suite and its productivity tools.
 - Install and configure DiRootsOne for Autodesk Revit.
 - Automate documentation and repetitive modeling tasks.
 - Manage sheets, views, schedules, and parameters efficiently.
 - Exchange project data between Revit and Excel.
 - Improve project organization using DiRootsOne tools.
 - Apply best practices to enhance BIM workflows and productivity.
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3. COURSE OUTCOMES:

Participants will be able to:

- Navigate and use the core DiRootsOne tools effectively.
 - Create and manage sheets and views in bulk.
 - Export, edit, and synchronize Revit schedules with Excel.
 - Manage project and shared parameters efficiently.
 - Improve documentation accuracy and project organization.
 - Reduce manual effort through workflow automation.
 - Apply DiRootsOne tools to increase productivity in Revit projects.
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4. COURSE OUTLINE:

The course comprises **8 hours** of theory, demonstrations, and hands-on practical exercises and is divided into **5 comprehensive modules**. Each module includes guided exercises and real-world examples to help learners improve Revit productivity, automate repetitive tasks, and streamline BIM documentation using DiRootsOne.



Module 1: Introduction to DiRootsOne

- Overview of DiRootsOne
- Installation & Licensing
- User Interface & Navigation
- Productivity Workflow in Revit

Module 2: View Manager & SheetGen

- Batch View Management
- Create and Organize Sheets
- Sheet Generation from Templates
- Sheet Naming & Numbering
- Practical Exercise

Module 3: QuickViews

- Create View Sets
- Batch Open & Close Views
- Navigation Shortcuts
- Improving Model Navigation
- Practical Exercise

Module 4: TableGen & SheetLink

- Create Revit Schedules
- Export Schedules to Excel
- Edit Schedule Data in Excel
- Import Changes Back into Revit
- Synchronize Project Data
- Practical Exercise

Module 5: OneParameter & Additional Tools

- OneParameter
- FamilyReviser
- FamilyReorder
- ColorSplasher



- ParaManager
- Other Productivity Tools