



# Revit MEP Advanced Modeling

*Simon Whitbread*

*AEC Systems*





## Revit MEP - Advanced Modeling

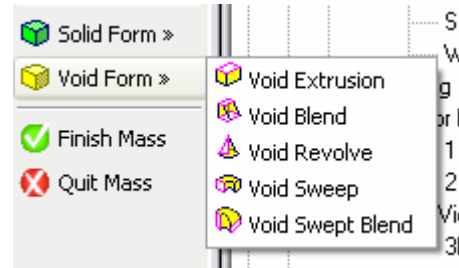
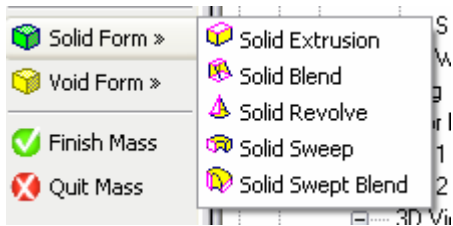
- |                     |  |
|---------------------|--|
| • Modeling tools:   | Examples   |
| • Structure         | It holds the building up, so how do you create it? |
| • IN-Place Families | When to use them – and when NOT                    |
| • Workarounds       | Cable tray – Trunking - Conduit                    |



- **Revit MEP - Advanced Modeling**

- Modeling tools:

Examples





## Revit MEP - Advanced Modeling

# Demo

Revit MEP - Advanced Modeling



## Revit MEP - Advanced Modeling

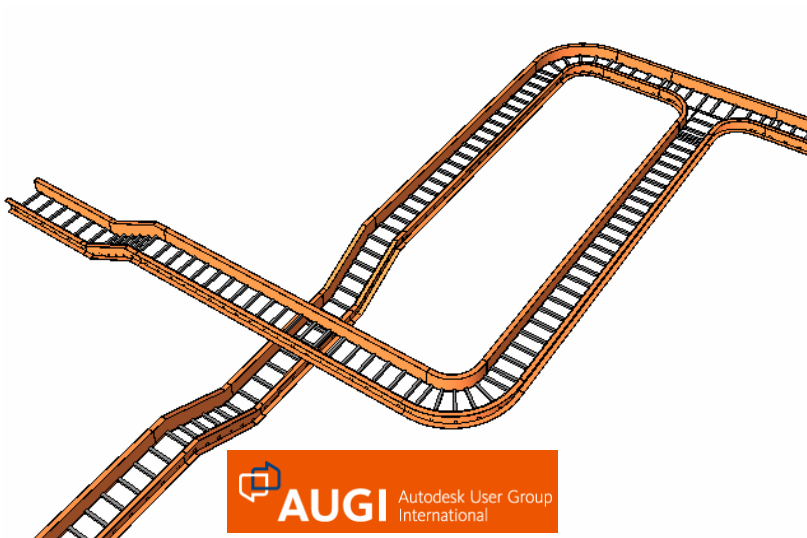
- Structure It holds the building up, so how do you create it?
- Not with the same tools as Architecture and Structure, that's for sure!
- For BEAM and COLUMNS, consider creating them as GENERIC families. During the creation process, ADD a sub-category for STRUCTURAL FRAMING or STRUCTURAL COLUMNS



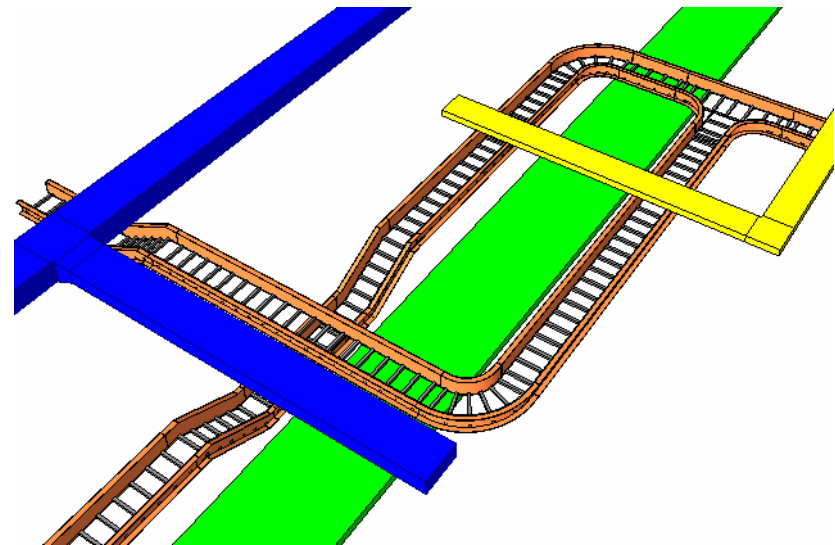
## Revit MEP - Advanced Modeling

- Workarounds

Cable tray – Trunking - Conduit



Standard families in the correct category



Combination of System and Standard families using filters for display = greater ease of use



## Revit MEP - Advanced Modeling

# Demo

Revit MEP - Advanced Modeling



*Thank you*

Questions ?

Simon Whitbread

