CORE Revit Toolbox

Development Team: Leland Jobson, Richard Schmitt, Nicholas Mundell

Model Tools:

Practice: Structures || Project Type: All
Phase: Concept / SD/ DD/ CD/ Construction Administration

		Visualization	Analysis	Modeling	Interoperability	Verification	Rationalization	Design
All	• Filter		•					
	• Measure		•	•				
	• Compare Models	•	•			•		
Data	• Draw Origin			•				
	• Search and Replace		•	•				
Workset	• Show Active Workshets Content		•	•				
	• Select Elements You Own		•	•				

Interop Tools:

(Practice: Structures || Project Type: All)

		Visualization	Analysis	Modeling	Interoperability	Verification	Rationalization	Design
Revit	• Mass Parameter Import				•			
	• Revit Server Batch Upload				•			
Office	• Import Reaction Data from Excel				•			
	• Import Parameter from Excel				•			
	• Import Excel Sheet to Schedule				•			
	• Import Word Document				•			
	• Office to Revit Importer				•			
	• Revit-Excel Sheet Link				•			
	• Export Parameter to Excel				•			
files	• Batch Export IFC							
	• Batch Export NWD							
	• Batch Import SAT							
	• Batch Import DWG							

Element Tools:

Practice: Structures || Project Type: All
Phase: SD/ DD/ CD/ Construction Administration

		Visualization	Analysis	Modeling	Interoperability	Verification	Rationalization	Design
Convert	• Beams to Braces			•				
	• Braces to Beams			•				
	• Columns to Braces			•				
	• Braces to Columns			•				

		Visualization	Analysis	Modeling	Interoperability	Verification	Rationalization	Design
Modify	• Flip Framing			•				
	• Framing Cleanup			•				
	• Framing End Cutback Reset			•				
	• Align by Curve			•				
	• Align by Extents			•				
	• Insert NewLine at Text Overflow			•				
Snap	• Snap Framing to Reference Plane			•				
	• Snap Framing to Slab			•				
	• Snap Slab to Slab			•				
	• Snap Columns to Grids			•				
Un/Join	• Join Columns			•				
	• Join Framing			•				
	• Unjoin Framing			•				
Split	• Split Wall			•				
	• Split Column			•				
Create	• Draw Column Rebar			•				
	• Opening Framing Tool			•				
	• Place Nodes			•				
	• Create Framing Reference Planes			•				
	• Set Framing Reference Plane			•				
	• Draw RAM Rebar			•	•			
Data	• Element Id to Parameter			•				
	• Shape to Parameter			•				
	• Coordinates to Parameter			•				
QR	• QR Code			•				

Srep Tools:

Practice: Structures || Project Type: All
Phase: SD/ DD/ CD/ Construction Administration

		Visualization	Analysis	Modeling	Interoperability	Verification	Rationalization	Design
	• Connectivity Repair	•	•	•			•	
Tributary	• Generate Tributary Area Views	•						
	• Write Areas to Excel				•			
Create	• Brace System Creator			•				
	• Write SRep to Binary		•		•			
	• Write SRep to Json		•		•			

View Tools:

Practice: Structures || Project Type: All
Phase: SD/ DD/ CD/ Construction Administration

	Visualization	Analysis	Modeling	Interoperability	Verification	Rationalization	Design

Visiability

- Go to Active View's Sheet — Modeling •
- Hide Elements in Views — Modeling •
- Hide Section Markers Without Sheet — Modeling •
- Toggle Link Visiability in Active View — Modeling •

Duplicate

- Duplicate Active Sheet — Modeling •
- Duplicate Legend and Schedule Viewports — Modeling •
- Batch Duplicate Views — Modeling •

Create

- Copy View's Content to Drafting View — Modeling •
- Create Legend from Filter — Modeling •
- Create Section from Grid — Modeling •
- Mass Place Views on Sheets — Modeling •
- Mass Create Sheets — Modeling •
- Delete All Views — Modeling •

- View Bookmarks — Modeling •

Palettes:

Practice: Structures || Project Type: All
Phase: SD/ DD/ CD/ Construction Administration

- Family Palette — Modeling •
- Detail Palette — Modeling •
- Dynamo Palette — Modeling •