Accelerate Help Guide



What is Naviate Discover?

Experience selected features for free, and immediately see the value of Naviate Accelerate. With access to essential tools at no cost, you can explore how Naviate Accelerate can enhance your workflows. By previewing the entire toolbar, you get a firsthand look at the extensive range of features designed to improve productivity and efficiency, encouraging you to unlock the full potential through a subscription. Naviate Discover provides an introduction to the powerful features of Naviate Accelerate which provides enhanced functionality for all Revit users. Whatever industry you work in, Accelerate will help you improve your BIM workflows by offering expanded capabilities in Revit and reducing manual tasks.

Accelerate has features for finding and selecting elements, batch editing data, creating views & sheets, cleanup & management of the Revit model, and more. Naviate helps Revit work the way you wish it did!

What you get with Naviate Discover in Accelerate







Features of Naviate Discover in Accelerate

LIVE SELECTION I
UNHIDE ELEMENTS
QUICK RENUMBER #)
FIND & REPLACE
SECTION FROM ELEMENT 13
ADJUST SECTION BOX 16
PARAMETER TRANSFER
QUICK PDF EXPORT
EXCEL EXPORT/IMPORT
IMPRINT
SCOPE BOX SYNCHRONIZER
HELP MENU

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Live Selection



To see this feature in action check out the video linked below! <u>Live Selection Video</u>

About this feature:

Live Selection is a tool that allows you to filter and find exactly the elements you are interested in.

The power of this tool is that it's completely modeless, so it allows you to continue working, switch between views, switch between projects or even enter family edit mode and just click on the tool to activate it. You can also minimize the tool and bring it up when you need it. With a simple click on the Refresh button the list will be refresh for the Elements in View or Elements by Selection (preselected elements) but you can turn ON Auto-refresh as well and the tool will refresh the list of elements by itself depending on the view you are currently working in or the elements you have selected. There are two modes you can work in, Elements in View and Elements by Selection. In Elements in View, you can see all the elements from the current view sorted by categories and types. In Elements by Selection, you can see preselected elements sorted by categories and types.



The main features of the tool are:

- Elements in View Filter elements based on a list of elements sorted by categories and types for the view you are currently working in.
- Elements by Selection Filter elements based in a list of elements selected in Revit sorted by categories and types.
- Auto-refresh If turned ON the list of elements will be automatically updated when returning to the dialog box.
- Refresh Refresh the list of elements.

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Workflow - Elements in View:

- 1. Open Live Selection.
- 2. Check categories and types for the elements you want to select.
- 3. Elements will be automatically selected.



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Workflow - Elements by Selection:

- 1. Select the group of elements you want to filter.
- 2. Open Live Selection.
- 3. Check categories and types for the elements you want to select in Elements by Selection list.
- 4. Elements will be automatically selected.



Notes and Tips:

Turn on Auto-refresh mode to automatically refresh the category list.

Switch between the tabs for filtering elements in currently active view or pres elected elements.

Tool is modeless and it allows you to keep working, switch views, switch projects or enter family edit mode. When you switch between views or keep working, with the tool opened, the tool will become see through and in order to activate it you need to click on it.

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To see this feature in action check out the video linked below! Unhide Elements Video

About this feature:

This tool lets you unhide hidden instances (by elements) in active view. It is a one button click with no user interface.

Main features of the tool are:

- Makes hidden elements active view visible. •
- Works with the Reveal Hidden Elements function turn on, so all hidden instances (by elements) will be unhidden. .
- Works with the temporary hidden elements when hide is applied in a view. ۰
- Revealed elements are select after the tool finish .

Notes and tips:

Tool doesn't support hidden instances by category and/or filter.

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To see this feature in action check out the video linked below! <u>Quick Renumber Video</u>

About this feature:

This is a tool that allows you to number elements using any shared text parameters by picking them in order or by using a drawn spline.

There are two numbering options:

1. Number by Selecting Objects

To use this option for the elements numbering you need to picking elements one by one in the model. The text parameter will be immediately updated when picked.

2. Number by Spline

To use this option for the elements numbering you need to have a spline that crossing the category elements in the model.

The numbering will be done by selecting the spline in model from the start to the end point.

The numbering order depends on picking spline point, so tool will propose direction from closest spline end based on picking place.



NAVIATE [®]	Renumber Elements 😡 🥠						
Number by Se	lecting Objects						
O Number by Sp	line						
Element type:	Doors		•				
Parameter:	Mark		•				
Current number:	100	+ -	>				
Padding:	Prefix:	Suffix:	_				
0 🛟	R	FF					
OFF Auto-swa	p numbers						
Pick Doors to ren	umber.						
		Clo	se				

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Workflow:

- 1. Run command Renumber Elements
- 2. Select one of the numbering options
- 3. Select numbering parameter
- 4. Enter current number
- 5. Use options for padding, prefix and suffix
- 6. Select object or spline at model view
- 7. Click the close to complete process

How to use the feature:

1. Parameter Selection

The numbering parameter can be selected from parameter drop down list. You can choose any of available shared parameters for the elements numbering.

The requirements to get parameter under the list is that parameter must be shared.

If the selected element doesn't have certain parameter selected for numbering, the tool will add that parameter to the element, and it will be sorted under the identity data.

NAVIATE	Renumber Elements	i
O Number by Se	lecting Objects	
Number by Sp	line	
Element type:	Doors	×
Parameter:	Mark	•
Current number:	Comments Finish	
Padding:	Frame Type	
3 🛟	Mark	
Auto-swa	p numbers	
Pick a point at a	spline near the end to start renumber fro	m,
	Close	

2. Numbering

The tool can use a numeric or alphanumeric characters for numbering. The characters are supported for single letter and/or multiple identical letters. End the numbering command by pressing Close after you've picked the last element/spline to renumber. The numbering selection is completed by highlighting the elements in the model.

NAVIATE [®]	Renumber Elements	s 🛞
5 Rooms found. Renumber highlighted objec	ts?	
Do not show again		
<u>R</u> everse Order	<u>о</u> к	<u>C</u> ancel

To continue numbering select another spline in the model.

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3. Auto-Swap Numbers

If the current number already exists in the project, the tool will inform you about that.

NaviateH - Number in use	×
Swap door numbers?	
"R100FF" is already in use by another door. Do you want to swa that door's number with the picked door current number?	эр
ightarrow Swap this time	
\rightarrow Always swap	
\rightarrow Don't swap	

To avoid the repetition of the swap number messages, use the "Auto-swap element numbers" check box in the main dialogue.

4. Continue element numbering

You can continue element numbering starting from the element current number in a model.

NAVIATE'	Renumber	Elements	í	
Number by S	electing Objects			
O Number by S	pline			
Element type:	Doors		•	
Parameter:	Mark		•	
Current number:	001	+ -	>	
Padding:	Prefix:	Suffix:	Click	this button and select an object to get the "next number" from that object
3	<	>		
OFF Auto-sw	ap numbers			
Pick Doors to re	number.			
<u></u>				
		CIO	se	

To use this option, select the element type for numbering and click on the arrow button, and select the element in model to get next number. The current number will be immediately updated with next number for numbering. To increase or decrease the Current number press + or – button.

Notes and Tips:

Use the "Do not show again" option in the info dialog box, after finishing your selection, to hide the information dialog box about how many elements that will be renumbered when picking many Spline element after each other.

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Find & Replace



To see this feature in action check out the video linked below! <u>Find & Replace Video</u>

About this feature:

With the help of the Find and Replace command, you can Find and Replace common parameter values of selected Revit elements. You can select elements of the same category or multiple categories.

Naviate - Find and Replace		i	\times
Parameters: Number Name Upper Limit Limit Offset Export to IFC As IFC Predefined Type IfcGUID Comments Base Offset	Find: Conference Replace: Meeting Room		•
Occupancy Department Base Finish Ceilina Finish	Replace	Close	

Workflow:

- 1. You can pre-select elements and run the tool or be automatically prompted to select after you start the tool. After the selection of elements is done, you will be presented with a dialog.
- 2. Select what parameter to perform command for
- 3. Type the value to find
- 4. Type the value to replace
- 5. Select replace

How to use the feature:

- 1. List the common parameters between the selection. One parameter must be selected to find and replace.
- 2. Drop-down or type in a parameter value that you would like to find in the selected parameter.
- 3. Drop-down or type in a parameter value that you would like to replace in the selected parameter.

\square	Naviate - Find and Replace				×
	Parameters:		Find:		2
	Number		Room		
	Name	Ľ	Baplace:		
	Upper Limit	1.1	Replace.		3
	Limit Offset		Space		
	Export to IFC As	Ŀ			
	IFC Predefined Type				
	IfcGUID				
	Comments				
	Base Offset				
	Occupancy				
	Department				
	Base Finish				
	Ceiling Finish				
			Replace	Close	

Notes and Tips:

This feature currently only works with instance parameters.

If multiple categories are selected, only command instance parameters will appear.

Use other Naviate selection features like Live Selection to pre-select elements before running the command.

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To see this feature in action check out the video linked below! <u>Create Views Video</u>

About this feature:

Create Views tool allows you to create multiple level-based views based by view type. This will either create independent views or parent views with dependent views based on scope boxes.

This function creates views for selected Levels and Scope Boxes. Specify how many different views you want to create and define what view template they should use and if they should be created as dependent views or not.

Workflow:

- 1. Run command Create Views
- 2. Select/de-select levels to create views for
- 3. Select which view types to create views for
- 4. Select template for each view type or specify to use the default depend template of the view type
- 5. If you want to also create dependent views, select scope boxes to create dependent views for

How to use the feature:

The configuration dialog box is divided into three sections.

NAN 🚫	/IATE	Create Dependent Views						<u>i</u> 🗴			
Leve	s to Make Plans From	Types of Plans to Create + Add Row						Scope	Boxes to Use for Dependent Views		
	Name		#	Plan Type		View Template		Depend		Name	^
	Plan 1	~	1	Floor Plan	-	<none></none>	-	 Image: A set of the set of the		Del 1	
	Plan 2		1	Ceiling Plan	-	<none></none>	-	 Image: A set of the set of the		Del 2	
	Plan 3		1	Structural Plan	-	<none></none>	-			Del 3	
	Uppställningar		1	BRA	-	<none></none>	-			Del 4	
	Plan 4									Del 5	
										Del 6	
										Del 7	
										Del 8	
										Hus 1	
										Hus 2	
										Glasgården	
										Hela Huset	~
		Set 0	On All Ch	ecked Rows							
	Copy Filled Regions from Active View										
	Hide Regions in Created Views	Floo	r Plan	•	non	e> • OFF	De	pend			
										Create <u>V</u> iews <u>C</u> lo	se

Starting from the left, where you define from which levels to create plans from simply by checking the desired Levels. In the bottom left corner you have the option to Copy field Regions from the Active View and/or hide them in the views which will be created.

The middle section is where you define the types of plans to create. The available options are Floor, Ceiling, Structural Plans and different types of Area plans. In order for certain Area plans to appear in dialog box, you need to have at least one view created for that Area plan. For chosen Plan Types define their View Template and make them dependent if needed.

At the bottom of the section there is a option to set the settings for the above rows more faster by assigning the common configuration for all checked rows just in few clicks.

The right section identifies all Scope Boxes present in the Project and gives the option to create dependent views from them.

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When creating dependent views, if scope box names contain some of the these specific characters $\{ \} : \setminus | []; <>?' \sim$, then these characters will be replaced with "_" in a dependent view names. When running the function again, already existing dependent views won't be updated or deleted; instead, new views will be created underneath the same active Plan View with a suffix "(n)".

⊡ Ceiling(1) Ceiling(1) - ___

_____Ceiling(1) - ____(1) _____Ceiling(1) - ____(2)

User will be informed (will get a message) about this - that some views got a slightly different name due to "not allowed characters".



After setting the desired configurations just click "Create Views" and a report dialog will appear informing you how many views have been created.



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To see this feature in action check out the video linked below! <u>Section from Element Video</u>

About this feature:

With the help of the Section command, a user can quickly create a properly sized and oriented section view upon selecting an element in a Plan or RCP view. A section will be created parallel to the element with a narrow depth and height. The Section command could be performed on any object found in the host or linked model.

How to use the feature:

Section Settings:

1. Before running the tool, you should configure Section Settings which can be accessed in Sheet & Views flyout panel in Naviate AC ribbon:



- 2. Open Section Settings from Sheets & Views flyout ribbon
- Choose default View Type to be used for section creation. It will default to the first found section type in the document when first initialized. If the specified section type got deleted during the life cycle of the Revit document, this option will default back to the first found section type.
- 4. Choose section placement option. When 'Prompt for Side to Place Section' is checked, the command will prompt you to select a side for the section to be created on after picking the section line. When unchecked, the command will create the section on the first click and the side will be determined automatically based on the element's orientation.
- 5. Click OK



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Worklow:

To use this tool you must be in a Plan/Ceiling Plan View.

- 1. Start the tool from Sheets & Views panel
- 2. Hover over the element you want to create the section from, the nested lines inside the element will highlight as you pass over them. Click on the desired line.
- 3. If the Prompt for side to place Section option is checked in the Section Settings, you will be prompted to pick a point on the side you want the section to be created on.



The command will create a section parallel to the selected element with a narrow depth and height. The left and right cropping will be relative to the selected element. The top crop will be a short distance above the selected object in section view. The bottom crop will be relative to the nearest floor below the selected object. The section type will be determined by the Default view type section creation option in the Section Settings.

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Notes and Tips:

The Section command works in a 2D Floor Plan or RCP.

The command does not work in 3D views or other Section/Elevation Views.

If the element was picked without highlighting a specific line, the closest internal line to the pick point will determine the section's base line for placing the Section on second click.

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Adjust Section Box



To see this feature in action check out the video linked below! Adjust Section Box Video

About this feature:

This tool enables you to fine tune the section box in your 3D view manually either by aligning the section box to a scope box, set the bottom and top to a level or manually enter the values desired. If you start the command from a Plan view you are asked to "pick a window" to define an area to create a section box from. It can also round off existing section boxes and tune the height with to an increment.

Please Note: You can select elements in any view you want but the intended workflow for both functions is to use a 3D view.

Main tool features are:

- 1. Creating section box around the scope box
- 2. Using elevation levels to set the bottom and top to a level
- 3. Creating section box by manually entering bottom and top values of your section box

NAVIATE	Adjus	Adjust Section Box					
Section Box by	Scope Box						
Select					•		
Section Box by	Level						
			Of	fset			
Base Level	01 - First Floor (0.000)ft)	•	0	:		
Top Level	02 - Second Floor (1	2.000ft)	•	0	:		
Manual Section	0.00000 :	Upper Limit	12.000) :	:		
Step	1 :	Round	All Limits	to Step			
ON Autom	natically Zoom to Fit						
Create N	lew 3D View	OK		Cance	el		

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Worklows:

Section Box by Scope box:

Please note that rotated Scope boxes are not supported at this time the function will set the correct section box in height but not rotation.

- 1. Create scope boxes in your project and name them.
- 2. Open Adjust Section Box tool.
- 3. In section "Section Box by Scope Box" click on drop-down menu and find scope box you want to create section box around.
- 4. Click on Create New 3D View to create a new 3D view named after scope box you have chosen from drop-down menu.

Family Browser Families	Vove to learest Elements Selection Elements Find & Select	le Color Edit Quick ts Elements Param. Renumber 1	Combine • 🛱 Create 3D Find & Match • Replace A Transfer • 🚱 Write All S Data	Zone meters Setup Update Manage Now Update Project	Sheets Adjust Section & Views Section Box Sherr & Views •
Properties	1	Setup View X		2. Oper Section	n Adjust
3D View	-		djust Section Box		
	<i>(</i>]	Section Box by Scope Box			
3D View: Setup View	✓ E⊞ Edit Type	Select	•		
Graphics	* ^	Floor Plan			
View Scale	1/8" = 1'-0"	Tower A			
Scale Value 1:	96	Section Box by L Tower B			
Detail Level	Fine	Podium Part A	3. Choose a Scopel	box	
Parts Visibility	Show Original	Podium Part B		J	
Visibility/Graphics Overr	Edit	Podium Part C			1. Create Scopebox
Graphic Display Options	Edit	Podium Part D			
Discipline	Coordination	Podium Part E			
Show Hidden Lines	By Discipline				
Default Analysis Display	None	Manual Section Box			
Show Grids	Edit			1.1	
Sun Path		Lower Limit	Upper Limit		
Sub-Discipline				7 7 7	Inthon
View Classification	U	Z -100.00000 ‡	Z 100.000 ‡	-f fland	
Extents	*				-1-1
Crop View				and and a second	
Crop Region Visible		Step 1	Round All Limits to Step	And the second s	
Annotation Crop					
Far Clip Active		Automatically Zoom to Fit			
Far Clip Offset	1000' 0"	Automatically 2001110 Fit			
Scope Box	None	Create New 2D Mew	OK Canaal		
Section Box	4 Create a new 3D	Create Rew 2D View	<u>v</u> r <u>v</u> ancer		
Camera	View.			No. of Concession, State of Co	
Rendering Settings			111/1		
Locked Orientation					

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Section box by level:

- 1. Open Adjust Section Box tool
- 2. In the section "Section Box by Level" of the dialog you can chose base and top level of your section box from dropdown menu. You can also set an offset on your base and top level.
- 3. Click on Create New 3D View to create a new 3D view named after level name

Family Browser Families	Filter Elements Selection Elemen Find & Select	Color Edit Quick Find & Match • Selements Param. Find & Transfer • Write Parameters Data Write All Setup Update Project Sheets Adjust Section & Views •
Properties 3D View	- -	Setup View X NAVIATE Adjust Section Box (i) (S)
3D View: Setup View Graphics	✓ 础 Edit Type	Section Box by Scope Box Select
View Scale Scale Value 1: Detail Level	1/8" = 1'-0" 96 Fine	2. Choose base and top level of your section box from dropdown menu
Parts Visibility Visibility/Graphics Overr Graphic Display Options	Show Original Edit Edit	Base Level Level 1 (0.000ft)
Discipline Show Hidden Lines Default Analysis Display	Coordination By Discipline	Top Level 3 (24.000ft) • 5 • Set an offset for your base and top level
Show Grids Sun Path	Edit	Manual Section Box Lower Limit Upper Limit
Sub-Discipline View Classification Extents	*	z -10.0000 : z 29.000 :
Crop View Crop Region Visible Annotation Crop		Step 1 : Round All Limits to Step
Far Clip Active Far Clip Offset Scope Box	000' 0"	Automatically Zoom to Fit
Section Box Camera	3. Create a new 3D	Create New 3D View QK Cancel
Rendering Settings Locked Orientation	view.	

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Section box by manually entering values for lower and upper limit:

- 1. Open Adjust Section Box tool
- 2. Enter the lower and upper limit value of your section box. You can increase or decrease your limit value by clicking on arrows on the right side of the box.
- 3. Value will increase or decrease with each click according to the step value defined below. "Round All Limits to Step" allows you to round off the manual values to step.

Click on Cre	ate New 3D View to	create a new 3	D view name	ed after entered	settings		
Family Browser	Ave to learest Elements Selection Find & Select	Image: Object of the second	dit Quick ram. Renumber I	Find & Atch * Combine * Match * Replace A Transfer * Data	Create 3D Zone Write Parameter Write All Setup	ers Update 🌣 Manage Now Update Project	Sheets Adjust Section I & Views Section Box Sheets Adjust Section For
							1
Properties		Setup View	K			1. Open Adj Section Box	ust Tool
3D View			A	djust Section Box	(i) ×		
3D View: Setup View	✓ 闘 Edit Type	Section Box b	/ Scope Box				
Graphics	*	Select			•		
View Scale	1/8" = 1'-0"	1 I I I I I I I I I I I I I I I I I I I					
Scale Value 1:	96						
Detail Level	Fine	Section Box b	/ Level				
Parts Visibility	Show Original				Offset		
Visibility/Graphics Overr	Edit	Base Level		•	0 :		
Graphic Display Options	Edit						
Discipline	Coordination	Top Level		•	0 :		
Show Hidden Lines	By Discipline						
Default Analysis Display	None			2 Enter Lower	and upper		
Show Grids	Edit	Manual Section	n Box	limit val	ues		
Sun Path							
Sub-Discipline		Lower Limi		opper Limit			1075
View Classification		7 -90		7 30,000	•		uuummeentill
Extents	\$	2 -5.0	•	2 30.000	· ·	Round all limits to	
Crop View						round off the	1-1-1
Crop Region Visible	Step value	Step 3	:	Round All Lim	its to Step	manual values	
Annotation Crop	Г				4		
Far Clip Active							
Far Clip Offset	1000' 0"	ON Auto	natically Zoom to Fit				
Scope Box	None						
Section Box		Create	ew 3D View	<u>O</u> K	Cancel	J	
Camera	3. Create a new 3D						
Rendering Settings	View.			r m		-1	
Locked Orientation							EL _

How to use the feature:

The Adjust Section Box window has three methods of adjusting your view's section box.

- 1. Section box by Scope box allows you to select a scope box to align the section box to. Please note that rotated Scope boxes are not supported at this time. The function will set the correct section box in height but not rotation.
- 2. Section box by Level allows you to select a lower and upper limit to the section box based on levels. The offset value will tune from the selected level, positive or negative.

The offset value is sized by the increment below, increment 1000 will increase/decrease the offset by 1000mm at each click.

3. Manual Section box allows you to finetune the exact values of the section box, not only height but also X and Y positions of the lower and upper limits to the box.

Notes and tips:

If you select an item in a non 3D view, the function presents a list of 3D views and will then isolate the element(s) in selected view – but you will need to open the view manually.

You can select elements in any view you want but the intended workflow for both functions is to use a 3D view.

Round All Limits to Step allows you to round off the manual values.

If you start Adjust Section Box from the plan view, you can select an area in the project to create a section box. You specify the area by picking the first corner and drag a "window" to the opposite corner. The default 3D view is selected and a section box for the area is created.

Please note that if you start the function with an existing (but disabled) section box, this command will use that section box as a starting point just enable/disable the view's standard section box and then run the command if this is not desired.

Any changes you make here will be automatically updated and visible on model

If "Automatically Zoom to Fit" option is turned on, model will automatically zoom to fit your screen any time you run "Adjust Section Box" tool

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P To see this feature in action check out the video linked below!

Parameter Transfer Video

About this feature:

The Parameter Transfer feature, when used inside of a schedule, will open a dialog that allows the user to transfer shared parameters that exist in families in the schedule to other families in the schedule.

Users must be inside of a Revit schedule to activate the command. The Parameters being transferred must be in the Shared Parameter file being used in the project.

Prerequisite

A shared parameter file must already be loading in the project that contains the shared parameters being transferred.

Wokflow:

- 1. Go to the Manage project tab by selecting on Manage project
- In a Schedule view start the tool from Naviate AC ribbon 2.
- 3. Checkboxes in Add column control which parameters will be added to families
- Checkboxes in Inst column control which parameters will be Instance. When unchecked, parameters will be added as Type 4.
- The check boxes in the Mod column will determine which families the parameters are transferred to 5.
- 6. The Save Families? check box allows the user to automatically save the families when complete. With Save Families? selected, the user has the choice to Save to desktop or Save over original location.
- 7. Click Accept to load the families into the project.



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Notes and Tips:

Upon Accepting Parameter Transfer settings, you will be required to overwrite the existing families in the project.

Family Already Exists	×
You are trying to load the family Chiller-Air-Carrier-AquaSnap_30RB_60_390_Ton, which already exists in this project. What do you want to do?	
\rightarrow Overwrite the existing version	
→ Overwrite the existing version and its parameter values	
Cance	I
Click here to learn more	

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To see this feature in action check out the video linked below! <u>Quick PDF Export Video</u>

About this feature:

This tool lets you export views or sheets to PDF files.

Main features of the tool are:

- Export a sheet/view as active view using Revit's pdf export setting
- Export pre-selected sheets/views at the project browser using Revit's pdf export setting
- Export all sheets in pre-selected or open Sheet List using Revit's pdf export setting
- Export all views in pre-selected or open View List using Revit's pdf export setting

Workflow:

- 1. Open view/view list/sheet/sheet list or pre-select views/view list/sheets/sheet list in the Project Browser
- 2. Run Quick PDF Export command under the Print/Export/Import tool
- 3. Select one of the Revit's export setting
- 4. Select or enter a file save path
- 5. Click Export button to complete process

NAVIATE' Setting:	Quick PDF Export	(i) ×	1. Select Revit export PDF setting.
PDF Export Setup Settir	ngs 2	•	
File Name:			2. Enter filename for
PublishLinkPrint			export setting.
Location:			
C:\Users\User\Docume	ents		3. Select file save folder
Fasad mot Norr		^	of delete fine safe fonder
Fasad mot Oster Fasad mot Väster			
Fasad mot Söder Plan 1 - MFP		~	4. Click Export button to export file or Close
	Export	Close	button to cancel export.

The file name option lets you to enter file name for Revit's setting that has enabled combine selected views and sheets into a single PDF file, otherwise file name is predefined by Revit's setting.

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XLS

To see this feature in action check out the video linked below! Excel Export/Import Video

About this feature:

This feature allows a user to Export parameter data from Revit to an Excel document, modify that data in Excel, then Update by importing the data changes back into Revit for a full round-trip data service.

There are two ways to Export data:

- Export by selection this works when you pre-select elements before running the feature. 1.
- Export Schedule you can choose one more schedule to export. 2.

Sample Workflow:

Below explains the quick workflow for Exporting and Importing modified data.

- 1. Select elements in Revit.
- Click the Export/Import button in Naviate AC ribbon. 2.
- Select the settings for your export in the Export Selection tab and click the Export button. 3.
- 4. Choose a location and file name for the Excel File that will be saved.
- Make changes in Excel, but don't change the gray/blue read-only columns. 5.
- 6. Save your changes. It is okay to leave Excel open.
- Open Export/Import again and navigate to Import tab 7.
- Select the modified Excel file. 8.
- The import will occur, and any errors will be saved in a separate Excel file. 9.

Export Selection:

Export Selection is the first tab that appears when running Export/Import. The user has the ability to export data from a currently selected set of elements.

In Revit:

- 1. To extract a selection, select some Revit elements.
- Then navigate to Naviate AC >> Export/Import command: 2.

The following dialog will open.

	Exp	ort Selection			Export Schedules		Impo	rt		
SETTINGS		PARAMETER FILTER								
One Tab per 0	Category	Parameter								
One Tab per F	Family	None		- T						
		 Export Type Parameters Hide Excel sheets for Su 	immary and Exp	ort Catalogue						
Partial Preview										
CategoryName	RevisionDate	TypeName	ElementId	Analytic Construction	Area (Project)-d15095d3-7629-44e9-8cd7-e06c0b9b2f2e	Assembly Code	Assembly Description	Closer (Project)	Code Name	Com
Doors	Curtain Wall Dbl G	ilass Curtain Wall Dbl Glas	s 231891	<none></none>						
Doors	Curtain Wall Dbl G	ilass Curtain Wall Dbl Glas	s 232038	<none></none>						
Doors	Curtain Wall Dbl G	ilass Curtain Wall Dbl Glas	s 232040	<none></none>						
Doors	Curtain Wall Dbl G	ilass Curtain Wall Dbl Glas	s 259922	<none></none>						
Doors	Curtain Wall Dbl G	ilass Curtain Wall Dbl Glas	s 264318	<none></none>						
Doors	Curtain Wall Dbl G	ilass Curtain Wall Dbl Glas	s 264319	<none></none>						
Doors	Curtain Wall Dbl G	Blass Curtain Wall Dbl Glas	s 264446	<none></none>						
Doors	Curtain Wall Dbl G	Glass Curtain Wall Dbl Glas	s 265230	<none></none>						
Doors	Curtain Wall Dbl G	Blass Curtain Wall Dbl Glas	s 265232	<none></none>						
Doors	Curtain Wall Sgl G	lass Curtain Wall Sgl Glass	190753	<none></none>		B2030100	Glazed Doors & Entrances			
< 1 out of 2	>									
									Expor	t

Export Selection tab is used for exporting a pre-selection of elements in the active Revit model:

Accelerate Help Guide



Settings:

- One Tab per Category One Excel Sheet/Tab will be created for every Revit Category that is exported.
- One Tab per Family One Excel Sheet/Tab will be created for every Revit Family that is exported.

Parameter filter:

- Parameter Filters allows you to select pre-existing Filters from a list
- Edit or Create New Filters this button allows you to define named filters for the Revit Element Parameters you want to export
- Export Type Parameters when checked the exported Excel file will contain a Sheet/Tab listing Type Parameters of the exported elements.
- This tab can/should be used to change Type Parameter values for the Import
- Hide Excel sheets for Summary and Export Catalog this checkbox controls if Summary and Export Catalog sheets will be included in the export

Partial Preview - allows you to partially preview the excel table that will be exported.

Define New Filters:

Upon selecting the Edit or Create New Filters button, the Parameter Filters dialog pops up, which allows you to define named filters for the Revit Element Parameters you want to export.

These filters are simple Named Lists of Parameter Names.

During the process of exporting the parameters of a Revit Element, all the parameter names are checked against the list of Names in the Filter. If the parameter name appears in the list, then it will be filtered out and it won't be exported.



When initially invoked the dialog will display a list of the Categories that the current selection of Revit Elements belongs to.



Accelerate Help Guide

- 1. Selecting one or more of these Categories will cause the Families window to be populated with the family names of the current Revit selection that belong to the categories selected in the window above.
- 2. Selecting one or more families will result in the Parameters window to be populated with all the parameter names of the currently selected elements that belong to the families selected.
- 3. The list of parameters can be filtered by clicking the Common Parameters Only checkbox or by entering a Filter String.
- 4. To add or remove one or more parameter names to the currently Selected Parameters list you can double click a selection of parameters in the Parameters list or the Selected Parameters list. You can also do this by clicking the "+ >" or "< -" buttons between the two lists.
- 5. To save for later use the current list of selected parameters in the Parameter Filter dialog, click the Save button and enter a name for the filter, or the Delete button to delete a filter.

Export Schedules:

This feature offers an Export Schedules tab for exporting Schedules in the active Revit model:

🔇 Naviate Import/Export		1 Go to Export	– 🗆 X
		Schedules tab	
Export Selection	Export Schedules	lı.	mport 3. Select
SCHEDULES		USE FORMAT FOR	Output format
Schedules (2) Image: BIMrx Core (0)		Export for Re-Imp	ort 🔹
Schedule 2_01 Floor - Room Finish Schedule		As in Revit	Simplified
Schedules (0)		Export Schedule	es as separate Excel files
Area Schedule (Gross Building)		Hide Excel shee	ts for Summary and Export Catalogue
Door Schedule			
Furniture - Table Schedule		4. Choose	export
Landscape Schedule		optior	15
Mass Floor Schedule			
Parking Schedule			
Room Schedule			
Sheet List 2. Select one or more			
 Testing (2) Schedules to export 			
IMPORT DOORS			
WALLS			
VINDOWS		5. Press	Export
		but	ton
			Turnet
			Export

To Export Revit elements listed in a Schedule:

- 1. Click the Export Schedules tab of the Export/Import dialog
- 2. Select one or more Schedules by checking a checkbox next to the Schedule name
- 3. Select an Output Format
- 4. Export for Re-Import this format will enable you to edit exported data in Excel sheets and re-import the data back to Revit elements after doing edits.
- 5. As in Revit exports with Type Parameters, Export Summary and Catalog
- 6. Simplified hides the Export Summary and the Export Catalog and gives you a more simplified excel file.
- 7. Export Only this is a classic export option where you will get Schedules in excel format, but you will not be able to import the schedule after modifying it
- 8. Choose export options
- 9. Export Schedules as separate Excel files when disabled will export all selected schedules into one excel file with each schedule in a separate tab. If schedules are exported as a single file, the file name specified by the user will be the prefix, and the suffix will automatically be applied as the schedule name.
- 10. Hide Excel sheets for Summary and Export Catalog this option will remove these tabs from the exported Excel file
- 11. Click the Export button.

After Clicking Export button, you are asked to select a folder to save the file to. Here you should also name your export. A small report with number of exported elements and the number of errors will be shown after the export is done.

Note: Some Scheduled are not supported (ie. Schedule Keys, Material Takeoff schedules.)

Accelerate Help Guide



Extracted Excel File Format:

Whether exporting a selection of entities or a selected Schedule from Revit, the exported Excel file will contain the following sheets/tabs:

- Export Summary
- Export Catalog Tab
- Type Parameters Tab (optional, only if the Export Type Parameters checkbox is selected)
- Export data Tabs

Export Summary

The Export Summary sheet is different for the One Tab per Family, One Tab per Category and the Schedule exports.

In the case of a One Tab per Family or a One Tab per Category export, the output begins with general information about the export, such as: Sort order, Format, Source Revit file name. Next, an indexed listing of all the Category, Family and Family Type names that are included in the export. The first column of this listing contains a Hyperlink that will take you to the Excel tab containing the data of the respective Family/Category.

Index page for the One Tab per Family exports:

- 4	AutoSave 💽 🖫	19·0·+		Test1.xisx - Excel	🛕 Peter Sylvester 🛛	n – c	×
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1	Microdesk BIMRX E	sport Summary					
2							
3	Export Sort By:	By CategoryName >	FamilyName > Type	Name			
4	Export Format:	One Tab Per Family	Name				
5	Export From:	C:\Program Files\A	utodesk\Revit 2019\	Samples\rme_basic_sample_project.rvt			
6							
7	TabLink	ExcelTab	CategoryName	FamilyName	TypeName	NumInstances	
8	Tab: 1	1	Pipe Fittings	M_Bend - PVC - Sch 40 - DWV	Standard	7	
9	Tab: 2	2	Pipe Fittings	M_Elbow - Generic	Standard	8	
10	Tab: 3	3	Pipe Fittings	M_Pipe Cross	Standard	1	
11	Tab: 4	4	Pipe Fittings	M_Pipe Elbow	Standard	22	
12	Tab: 5	5	Pipe Fittings	M_Pipe Tee	Standard	9	
13	Tab: 6	6	Pipe Fittings	M_Pipe Transition	Standard	7	
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Index page for the One Tab per Category exports:

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6																
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8	Tab: Pipe Fitting	gs.	Pipe Fitting	s	M_Bend - P	VC - Sch 4	40 - DWV		S	tandard			7			
9	Tab: Pipe Fitting	25	Pipe Fitting	s	M_Elbow -	Generic			S	tandard			8			
10	Tab: Pipe Fitting	85	Pipe Fitting	s	M_Pipe Cro	oss			S	tandard			1			
11	Tab: Pipe Fitting	25	Pipe Fitting	s	M_Pipe Elb	ow			S	tandard			22			
12	Tab: Pipe Fitting	<u>85</u>	Pipe Fitting	s	M_Pipe Tee	e			S	tandard			9			
13	Tab: Pipe Fitting	85	Pipe Fitting	s	M_Pipe Tra	nsition			S	tandard			7			
14	Tab: Pipe Fitting	85	Pipe Fitting	s	M_Tee - Ge	neric			5	tandard			6			
15	Tab: Pipe Fitting	85	Pipe Fitting	s	M_Tee San	itary - PV	C - Sch 40 -	DWV	S	tandard			8			
16	Tab: Pipe Fitting	85	Pipe Fitting	s	M_Transitio	on - Gene	ric		S	tandard			7			
17	Tab: Pipes		Pipes		Pipe Types				S	tandard			88			
18	Tab: Plumbing F	ixtures	Plumbing Fi	ixtures	M_Lavatory	/ - Wall M	ounted		4	85 mmx355	mm - Public		4			
19	Tab: Plumbing F	ixtures	Plumbing Fi	ixtures	M_Urinal -	Wall Hun	g		2	0 mm Flush	Valve		2			
20	Tab: Plumbing F	ixtures	Plumbing Fi	ixtures	M_Water C	loset - Flu	ush Valve -	Wall Mou	inted P	ublic - 6.1 L	pf		5			
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Accelerate Help Guide

In the case of a Schedule exports the Sort order and Format rows have a value of "None" and "Schedule" respectively. The indexed listing contains the Hyperlink to the corresponding Excel Sheet, the Revit Schedule Name and the Category of the schedule selected for export.

Export Summary page for the Schedule exports:

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1 Microdesk BIMrx Exp	port Summary										
3 Export Sort By:		None									
4 Export Format:		Schedule									
5 Export From:		C:\Work\Mdesk\Revit Models\2020\rme_basic_sample_project.rvt									
6											
7 TabLink		Schedule Name	e	Catego	ory						
8 Tab: Mechanical Equ	ipment Schedule	Mechanical Equ	uipment Schedule	e Mecha	inical Equi	pment					
9 Tab: Lighting Fixture	Schedule	Lighting Fixture	e Schedule	Lightin	ng Fixtures	5					
10											
11											
12											
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Export Catalog Tab:

The Export Catalog tab contains a listing of all the Parameters for each Family Type contained in the export.

The included columns contain the following information for each parameter:

- CategoryName •
- FamilyName
- ParameterName •
- ParameterInstanceOrType •
- ParameterSharedOrNotShared •

• ParameterStorageType ParameterDisplayUnitType •

ParameterProjectOrFamily

- IsUpdateable
- ParameterGuid •

Export Data Tabs:

Symetri US | Offices

For One Tab per Family exports, the export data tabs are named with a number that is generated sequentially for each family export. For One Tab per Category exports, the export data tabs are named after the Category whose exported data it contains.

The first four columns and the last two columns of these tabs contain data that identifies the element:

- CategoryName •
- FamilyName •
- TypeName
- ElementId

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2 Electr	rical Equipme	nt M_Lighting and Applia	nce Panelboar 100 A		622023			5	4aded12f-bb3e-43d3-a764-654al	4aded12f-bb3e-4	3d3-a764-654a	0a8454e4-00
Electr	rical Equipme	nt M_Lighting and Applia	nce Panelboar 100 A		622025			50	4aded12f-bb3e-43d3-a764-654al	4aded12f-bb3e-4	3d3-a764-654a	0a8454e4-00
4 Electr	rical Equipme	nt M_Lighting and Applia	nce Panelboar 400 A		742670			50	4aded12f-bb3e-43d3-a764-654al	9e25f779-fef2-4c0	09-93cf-91642a	381495-000b
5												
5						•						
7												
3												



- ElementGuid •

.

- - TypeUid





These columns are read-only, and they have a gray background.

The remaining columns contain values of the parameters that belong to the elements exported into the given tab.

- Cells with a blue-gray background contain read-only parameter values that will not be updated on the import.
- Cells with a light-yellow background are for parameters that do not belong to the element in the row, but they have valid values for elements in other rows.
- Cells with a white background are read/write parameter values that will be imported to Revit during an update.

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ile Home Insert Page La	ayout Formulas Data	Review View	Help T	ieam 🔎 Tell	me what you v	vant to do				🖻 Shar
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Import:

User has the ability to update the parameter data in Excel by importing that data back into Revit for a full round-trip data service.

🔞 N	laviate Import/Ex	port								- 0 X
SELE	CT EXCEL FILE TO IN	Export Sele	ection			Export Scheo	dules	1. Go to	o Import tab	
C	\Users\WCodeVe	edadO\Desktop	ImportSelecti	on2.xlsm					2. Click here to browse for a	
									file	
	CategoryName	FamilyName	TypeName	ElementId	Area	Level	Number	TypeUid	ElementGuid	_
	Rooms	Rooms	Rooms	222953	3632.97953818126	01 - First Floor	R01	Rooms	dd7859f3-3524-4add-93e5-2402cb9f1a97-000366e	.9
	Rooms	Rooms	Rooms	223187	1557.29059941504	01 - First Floor	R02	Rooms	dd7859f3-3524-4add-93e5-2402cb9f1a97-000367c	13
	Rooms	Rooms	Rooms	223188	338.311190508284	01 - First Floor	R03	Rooms	dd7859f3-3524-4add-93e5-2402cb9f1a97-000367c	14
	Rooms	Rooms	Rooms	223189	106.616070567951	01 - First Floor	R04	Rooms	dd7859f3-3524-4add-93e5-2402cb9f1a97-000367c	15
	Rooms	Rooms	Rooms	223190	54.9190731974432	01 - First Floor	R05	Rooms	dd7859f3-3524-4add-93e5-2402cb9f1a97-000367c	16
	Rooms	Rooms	Rooms	223191	333.749602071676	01 - First Floor	R06	Rooms	dd7859f3-3524-4add-93e5-2402cb9f1a97-000367c	17
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	< 2 out of 2	>			File name:	ImportSelection	1.xlsm		Excel files (*.xls;*.xlsx;*.xlsm) ∨	<u> </u>
					3. S expor	Select edited e rt file and click	xcel Open		Open Cancel .:	Import

Run the feature from Accelerate tab and navigate to Import tab

Click on "three dots" button to select a file

Select the file you previously exported and edited and click Open. The file can still be open in Excel, but it must have your changes saved. Click on Import button. Wait for the Import to finish. There will be a message box displayed when the operation is done.

Accelerate Help Guide



Below is an example of a successful Update:

NaviateAC - Export/Import	×
Model Update from Excel file has finished.	
Total number of records updated: 69 Number of Errors: NONE	
Close	

Notes and Tips:

Type Parameters are exported as read-only.

When selected in the Export options, Type Parameters can be edited in the Type Parameters tab of the exported Excel file.

In the exported Excel file, the Project Level parameters will appear with a "(Project)" suffix appended to the name of the Custom Parameter. This is necessary because Revit will allow you to have a custom Family Parameter added to your elements with the same name as a custom Project Parameter.

In addition, if the parameter is a Shared Parameter, the header cell of the column will have an Excel Comment containing the Shared Parameter GUID as shown in the image below: v

Jx Project Param1 Shared (Project)

	BM	BN	BO	BP		BQ	
Demar 🔻	Family Param 💌	Project Param (Project) 💌	Project Param1 Shared (Project) 💌	Pr 637b4721-7f14-4	e40-9d65-	Footer Not 💌	
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Accelerate Help Guide



M_Water Heater - Tankless: 2.3 L

- 🕀 🔯 Groups

PP-2A



Accelerate Help Guide



Compare Excel sch	edule below with	Revit Schedule above:

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1 2 2 3	Panel ▼ Circuit Number ▼
4 M_WSHP - Horizontal - High Efficiency - 7-18 kW - Left Return - Right Discharge: 14 kW	<unnamed></unnamed>
5 M_WSHP - Horizontal - High Efficiency - 7-18 kW - Left Return - Right Discharge: 14 kW	<unnamed></unnamed>
7 M WSHP - Horizontal - High Efficiency - 7-18 kW - Left Return - Right Discharge: 14 kW	<unnamed></unnamed>
8 M_WSHP - Horizontal - High Efficiency - 7-18 kW - Left Return - Right Discharge: 11 kW	<unnamed></unnamed>
9 M_WSHP - Horizontal - High Efficiency - 7-18 kW - Left Return - Right Discharge: 7 kW	<unnamed></unnamed>
10 M_WSHP - Horizontal - High Efficiency - 7-18 kW - Left Return - Right Discharge: 11 kW	<unnamed></unnamed>
11 M_WSHP - Horizontal - High Efficiency - 7-18 kW - Left Return - Right Discharge: 11 kW	<unnamed></unnamed>
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15 M_WSHP - Horizontal - High Efficiency - 7-18 kW - Left Return - Right Discharge: 11 kW	<unnamed></unnamed>
16 M_WSHP - Horizontal - High Efficiency - 7-18 kW - Right Return - Back Discharge: 11 kW	<unnamed></unnamed>
17 M_WSHP - Horizontal - High Efficiency - 7-18 kW - Right Return - Back Discharge: 11 kW	<unnamed></unnamed>
18 M_WSHP - Horizontal - High Efficiency - 7-18 kW - Right Return - Back Discharge: 11 kW	<unnamed></unnamed>
19 Level 2	
20 M_WSHP - Horizontal - High Efficiency - 7-18 kW - Left Return - Back Discharge: 14 kW	EP-2 13,15,17
21 M_WSHP - Horizontal - High Efficiency - 7-18 kW - Left Return - Back Discharge: 14 kW	EP-2 20,22,24
22 M_WSHP - Horizontal - High Efficiency - 7-18 kW - Left Return - Right Discharge: 14 kW	EP-2 38,40,42
23 M_WSHP - Horizontal - High Efficiency - 7-18 kW - Left Return - Right Discharge: 14 kW	<unnamed></unnamed>
24 M_WSHP - Horizontal - High Efficiency - 7-18 kW - Left Return - Right Discharge: 7 kW	EP-2 32,34,36
25 M_WSHP - Horizontal - High Efficiency - 7-18 kW - Left Return - Right Discharge: 11 kW	EP-2 31,33,35
26 M_WSHP - Horizontal - High Efficiency - 7-18 kW - Left Return - Right Discharge: 11 kW	EP-2 26,28,30
27 M_WSHP - Horizontal - High Efficiency - 7-18 kW - Left Return - Right Discharge: 11 kW	EP-2 19,21,23
28 M_WSHP - Horizontal - High Efficiency - 7-18 kW - Left Return - Right Discharge: 11 kW	EP-2 14,16,18
29 M_WSHP - Horizontal - High Efficiency - 7-18 kW - Right Return - Back Discharge: 7 kW	EP-2 25,27,29
30 M_WSHP - Horizontal - High Efficiency - 7-18 kW - Left Return - Back Discharge: 14 kW	EP-2 8,10,12
31 M_WSHP - Horizontal - High Efficiency - 7-18 kW - Left Return - Right Discharge: 11 kW	EP-2 7,9,11
▲ → … EXPORT CATALOG TYPE PARAMETERS Mechanical Equipment Schedule ⊕	



Accelerate Help Guide

For Schedules in Revit utilizing Sorting/Grouping and the Itemize Every Instance is *not* checked, the Excel export will still contain the itemized instances of the corresponding groups. These instances will be exported as a collapsed Excel Group.

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Accelerate Help Guide



Example of exported schedule:

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Imprint

To see this feature in action check out the video linked below! Imprint Video

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About this feature:

With the help of the Imprint command, you can Create an image of a Word, Excel, or PDF Document. A live link between the newly created Image and Document will make it simple to manage the document and keep it up to date.

	o Update	Source	Name	Last Updated	Status	File
	\checkmark	.docx	LOD Matrix - Page 1.pdf	12/13/2024 1:47:32 PM	Current	LOD Matrix.docx
		.xlsx	Finish Schedule - Sheet1	12/13/2024 1:47:18 PM	Current	Finish Schedule.xlsx
ne mo	mation					
Origin	File:				Р	Page/Worksheet:
Origin PDF Fi	File:				P	Page/Worksheet: tegion:

Workflow:

Start the tool from the Link & Sync tab of Accelerate, the main interface will show all the existing imprints. For Excel files:

1. To create a new imprint, select Create New.

2. You can then select either entire worksheets from the Excel file or any print area created. Select OK when selection is finished.

Accelerate Help Guide



🕲 Na	aviate - Seleo	ct Excel Range	5	-	- 🗆	×
	Selected	WorkSheet	Range	Туре		
		Sheet1	WorkSheet	WorkSheet		
		Sheet1	Print_Area	Print_Area		
			(ок	Close	

For Word documents and PDFs:

- 1. To create a new imprint, select Create New.
- 2. Select either All pages, a range of pages, or a single page from the document. Select Ok when selection is finished.

Naviate - Select Pages								
Select Pages								
	1							
O Pages	2-4							
Page	2							
ок	Cancel							

How to update:

- If Auto-Update is selected in the datagrid, anytime the Revit file is opened or the Imprint feature is started, Naviate will check if there were any changes to the original document and automatically update the image to match.
- If Auto-Update is not selected, you can choose to update the image from the original document using the Update button at the bottom of the interface.
- If the file is renamed, moved, or needs to be replaced by a different document, then you can select the Update From button and select the new document.

How to use the feature:

- 1. Existing Imprint Images and it's information. The selected Imprint Image is highlighted in gray.
 - Auto Update: This check box controls how the Imprint will be updated. If checked the Imprint will automatically update when the Revit file is opened, or Imprint Dialog is opened.

Source: The file type of the source document

Name: The name of the Image in Revit.

- Last Update: The date that the source file was updated
- 2. Status: Shows a status of the Imprint Image.
- 3. Current: The Imprint Image is up to date with the source file.
- 4. Out-of-date: The Imprint Image is out of date with the source file.
- 5. Error: This means that something is wrong with the Imprint and it's link with the source file. See the Error in the File Information below to read the specific error message.

Accelerate Help Guide



- 6. File: The name of the source file.
- 7. File Information contains additional detailed information on the currently selected Imprint.
- 8. Create New will allow you to create a new "imprint" by selecting either an Excel, Word, or PDF file.
- 9. Delete Delete the currently selected Imprint in the main dialog and all it's images in the Revit project.
- 10. Update Update the Imprint image from the source file that the Imprint was created from.
- 11. Imprint will not update if the source file is currently open.
- 12. Update From Replace the Imprint image with a new Imprint from a new file.
- 13. The user will be able to select one Page or Range in a new file of the users choosing.
- 14. Close Saves all changes and closes Imprint.

	0	Naviate	- Imprint							-		×
		A	uto Update	Source	Name	Last Updated	Status	File				
	\vdash			.xlsx	ExampleFile - Sheet1 - WorkSheet.JPG	28/12/2022 11:38:03	Current	ExampleFil	e.xlsx			
				.xlsx	ExampleFile - Sheet1 - Print_Area.JPG	28/12/2022 11:38:03	Current	ExampleFil	e.xlsx			
		File Info	rmation									
		Origin F	ile: C:\Users\		\Documents\Testing Files\ExampleFile.xlsx				Page/Worksh	eet: Shee	et1	
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Accelerate Help Guide





To see this feature in action check out the video linked below! Scope Box Synchronizer Video

About this feature:

This is a tool used to import and synchronize scope boxes between linked projects.

The main features of the tool are:

- Selecting a Revit link with Scope Boxes .
- Importing Scope Boxes from the other project
- Synchronizing the link's Scope Boxes with yours •

Before starting the tool, make sure that you have linked a Revit project that contains Scope Boxes. After importing a Revit link into the host project start the function. A dialog box will open that shows you how many Scope Boxes there are, which ones are located in the linked project and which are in use by the host project - providing an overview of just where you have used which Scope Box.

Workflow:

- Select a Revit link with Scope Boxes. If any Scope Boxes are detected in the linked project you will have the option to Import them into your 1. project - if the name of the linked project's Scope Boxes matches any of yours, the application offers to Synchronize the linked Scope Boxes to yours and make sure that all your views which are set to a Scope Box will be set accordingly.
- 2. Filter Scope Boxes by name. The function allows you to filter the scope boxes by their name, or by status, and even filters the scope boxes which are pinned, grouped or checked out. This enables you to easily filter out the needed scope boxes making it easier to manager them. 3.
- Import missing Scope Boxes from Link.
- Synchronize the link's Scope Boxes with yours. After the link is imported and the desired changes are made to the scope boxes, or even some 4. scope boxes get deleted, the function enables you to manage the changes in a semi-automatic way.
- Set the Display Order. Specify how the scope boxes should be sorted in the dialog box. Natural order is order alphabetically in the local 5. project and then in linked project by date of creation. Link Element Order is order by element id in the linked file. Project Element Order is order by element id in the local project.



Accelerate Help Guide



How to use the feature:

The dialog box clearly shows each scope box that has been deleted or changed in the project. It lets you decide which ones you want to manage. If a scope box is deleted in the project, those scope boxes will be marked with blue color, and if needed, the deleted/missing scope boxes can be retrieved from the linked project simply by clicking again on "Import missing" and the scope box will be re-imported to it's original place. If by any chance the Scope Boxes are moved or re-sized these changes will be marked with orange color, which means that the Scope Boxes in the host project do not match the scope boxes from the link, if there's is a need to change the host Scope Boxes to their original place and size that can be managed by clicking on "Synchronize Project Scope Boxes with Link's". The ones labeled with green color are those Scope Boxes that match the size and position of the linked Scope Boxes.

Filter by Name is used for filtering Scope boxes just by typing the desired name

The status of the Scope boxes is managed with four options:

- 1. Scope Boxes that are existing and equal in size and position both in the linked and host project
- 2. Scope Boxes which exist both in the linked and host project but are different in size and Position
- 3. Scope Boxes which are missing either in the host or linked project
- 4. Scope Boxes which are Pinned, Grouped or Checked Out

The Usage column shows if a view is using that specific Scope Box.

Notes and Tips:

Scope Boxes can be set by:

- View (also 3D views)
- Reference Planes
- Grids
- Levels

Accelerate Help Guide



Help Menu

To see this feature in action check out the video linked below! <u>Help Menu Video</u>

Help has information and links to help you with Naviate. In About you have access to:

- About: Check what version of the software you are using
- What's New: Find out what improvements, updates, and bug fixes happened in the version you are using.
- Help F1: you can hover over any feature and select F1 which opens the pinnacle help page of that feature. Only available if you have access to Pinnacle.
- Support: allows you to send an email to our support team
- Live Support: Access to live support. Live support is included in the Premium support agreement for Naviate.
- Symetri e-Learning: Access to all help documentation on Pinnacle. Only available if you have access to Pinnacle.
- Configure Naviate: Change the region for the loaded toolbar.
- Check for updates: Check if there are any updates available for download.
- Ideation Portal: Add ideas for new features or improvements and upvote other ideas already in the ideation portal.

From the login dropdown you have access to:

- Symetri License Portal: Access to the Symetri License portal. You can see your licenses and download latest versions.
- Logout: Will log you out of Naviate.

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