

# Parameter Configuration

This tool lets you to configure all parameters that will be used to write data for selected tools.

The tool supports Door and Window tools in NaviateA, and Shared Elevation and Shared Coordinates tool in Naviate General.

Main features of the tool are:

- The function can configure default NV shared parameters or yours project parameters for new projects.
- The function can configure default CQ parameters or yours project parameters for existing projects.
- The parameter configuration will be used at manual/automatic update of values for elements supported by the configured tools.
- The transfer settings function can transfer configuration from one project to another project.

Feature Name	Parameter Purpose	Selected Parameter	Parameter Type	Shared Parameter	Vary In Groups	Categories
<b>Door Tools</b>	Swing Direction	NVSwingDirection	Text (Instance)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Door Tools	Type Count	NVTypeCount	Text (Type)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Door Tools	Swing Count	NVSwingCount	Text (Type)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Door Tools	Unique Identifier	Mark	BuiltInParameter	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Door Tools	Original Swing Dire...	NVOriginalSwingDire...	Text (Type)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Door Tools	Reversed Room Ass...	NVReversedRoomAss...	YesNo (Instance)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Window Tools</b>	Swing Direction	NVSwingDirection	Text (Instance)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Window Tools	Type Count	NVTypeCount	Text (Type)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Window Tools	Swing Count	NVSwingCount	Text (Type)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Window Tools	Unique Identifier	Mark	BuiltInParameter	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Window Tools	Original Swing Dire...	NVOriginalSwingDire...	Text (Type)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Window Tools	Reversed Room Ass...	NVReversedRoomAss...	YesNo (Instance)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>General</b>						
Feature Name	Parameter Purpose	Selected Parameter	Parameter Type	Shared Parameter	Vary In Groups	Categories
<b>Shared Elevation</b>	Top Elevation	NVTopElevation	Text (Instance)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Shared Elevation	Bottom Elevation	NVBottomElevation	Text (Instance)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Shared Elevation	Insertion Point	NVInsertionPoint	Text (Instance)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Shared Elevation	Floor Thickness	NVFloorThickness	Text (Instance)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Shared Elevation	Structural Foundati...	NVStThickness	Text (Instance)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Shared Coordinates	X-Coordinate accor...	NVCoordinatesX	Length (Instance)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Shared Coordinates	Y-Coordinate accor...	NVCoordinatesY	Length (Instance)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Shared Coordinates	Z-Coordinate accor...	NVCoordinatesZ	Length (Instance)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Shared Coordinates	Rotation angle	NVAngle	Angle (Instance)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Shared Coordinates	Name and Type of t...	NVParentFamilyAndT...	Text (Instance)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Shared Coordinates	Mark of the family i...	NVParentFamilyMark	Text (Instance)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

The dialog provides information about:

- Feature Name – tools what are supported
- Parameter Purpose – specific data/values supported by the tools
- Selected Parameter – you can select the parameter for update under drop down list
- Parameter Type – information about type of selected parameter
- Shared Parameter – checkbox presents if selected parameter is shared or not
- Vary in Groups – checkbox presents if selected parameter can vary in a group, and you can change it if a parameter allows to be changed (e.g. text parameters)
- Categories – checkbox presents if all categories are supporting selected parameter

The workflow consists of the following steps:

1. Run the tool under Manage Project tab
2. Select project parameters to write data on specific tool
3. Optional check/uncheck vary in groups checkbox
4. Optional check what categories are missing selected parameter

5. Press OK button

If selected parameter missing on some categories then you will notified at the dialog with warning sign.

The screenshot shows the NAVIATE Parameter Configuration dialog box. The 'Architecture' category is selected. The 'General' tab is active, displaying a table of parameters. A red box highlights the 'Categories' column, which contains warning icons (yellow triangles) for several parameters. A red arrow points from the warning icon in the 'Categories' column to a warning dialog box on the right.

Feature Name	Parameter Purpose	Selected Parameter	Parameter Type	Shared Parameter	Vary In Groups	Categories
Shared Elevation	Top Elevation	CQTopElevation	Length (Instance)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Shared Elevation	Bottom Elevation	CQBottomElevation	Length (Instance)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Shared Elevation	Insertion Point	NIinsertionPoint	Text (Instance)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Shared Elevation	Floor Thickness	CQFloorThickness	Text (Instance)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Shared Elevation	Structural Foundation Thickness	Littera	Text (Type)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Shared Coordinates	X-Coordinate according to Shared ...	CQCcoordinatesX	Length (Instance)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Shared Coordinates	Y-Coordinate according to Shared ...	CQCcoordinatesY	Length (Instance)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Shared Coordinates	Z-Coordinate according to Shared ...	CQCcoordinatesZ	Length (Instance)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Shared Coordinates	Rotation angle	CQAngle	Angle (Instance)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Shared Coordinates	Name and Type of the family for a n...	CQParentFamilyAndType	Text (Instance)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Shared Coordinates	Mark of the family instance for a ne...	CQParentFamilyMark	Text (Instance)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

The warning dialog box on the right contains the following text:

Warning

Selected parameter missing one or more required category for this feature. List of missing categories is listed below.

- Air Terminals
- Casework
- Curtain Wall Mullions
- Doors
- Mass
- Parking
- Plumbing Fixtures
- Walls
- Windows

OK