Aras Innovator 2026 Release

Graph Navigation

User Guide

Document #: *D-008110*

Last Modified: *10/15/2026*

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1 Overview

The Graph Navigation application lets you visualize and explore complex data structures. Administrators configure and customize graph views for enabled ItemTypes. Users can open a Graph View and quickly find related items by expanding the underlying data and opening item forms for selected nodes in new tabs. This guide explains the built-in, interactive features of graphs and how you can use them.

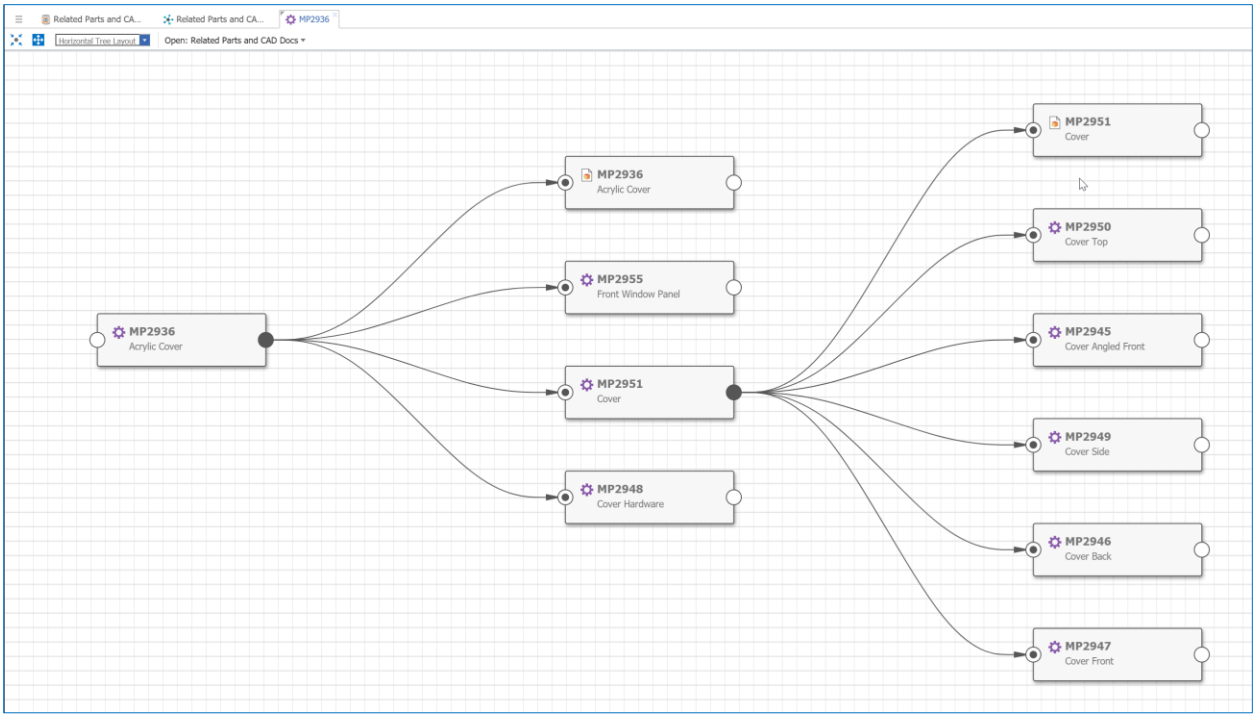


Figure 1.

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2 Opening a Graph View

Graph Views can be configured to display either within the relationship tab of an item or in a separate tab by calling the Show Graph action on an enabled Item type. For configuration instructions, see the **Aras Innovator 2026 Release - Graph Navigation Administrator Guide**.

Note: The way you open a graph view depends on how an administrator configures it.

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3 Interacting with a Graph View

After you open Graph View, the Graph View Toolbar provides interaction tools and actions. The following sections describe them.

3.1 Graph View Selector

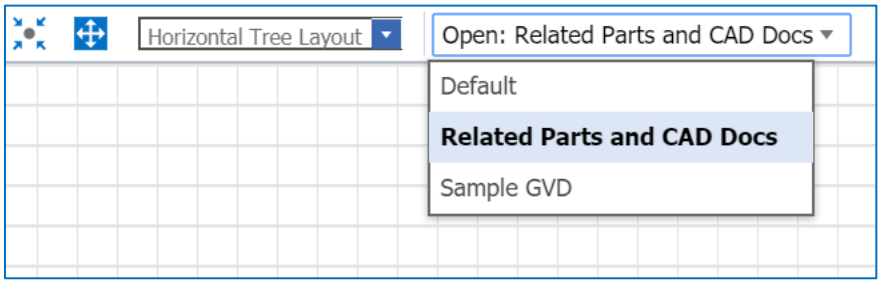


Figure 2.

Select a Graph View to display from the list of enabled Graph Views for the Context Item. This list is specific to you and is based on the context ItemType and your permissions to the GVDs in the system.

3.2 Layout Selector

Select a layout from the **Graph Layout** dropdown 

. Available layouts are:

- **Horizontal Tree Layout**: A horizontal tree layout is populated from left to right, as shown in Figure 1.
- **Vertical Tree Layout**: A vertical tree layout is populated from top to bottom.
- **Force Layout**: A force-directed layout is populated from the context item outward in all directions such that interconnected nodes are grouped together.

3.3 Center on Context Item

Click the **Center on Context Item** Icon to bring the context item to the center of the view. The zoom level does not change when you click the icon.

3.4 Fit All

Click the **Fit All** Icon to bring all expanded content into the view. This changes the zoom level and centers the content so all nodes and connectors are visible without scrolling.

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3.5 Pan and Zoom

Use the mouse wheel to zoom in and out of a Graph View. To pan around the Graph View, press and hold the left mouse button and move the mouse. Alternatively, use scrollbars to pan around the Graph View.

3.6 Expand and Collapse

The expand/collapse button displayed on each node indicates the state of the node. Possible states are:

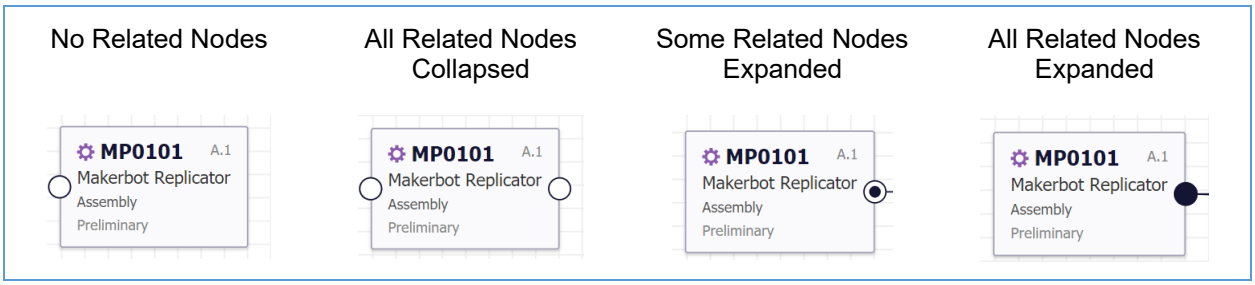


Figure 3.

3.6.1 Expand

To expand all outgoing connectors from a node, click the expand/collapse button. You can also right-click a node to open the context menu and select **Expand**. To control which relationships are being expanded, use Selective Expand (see Section 3.6.3).

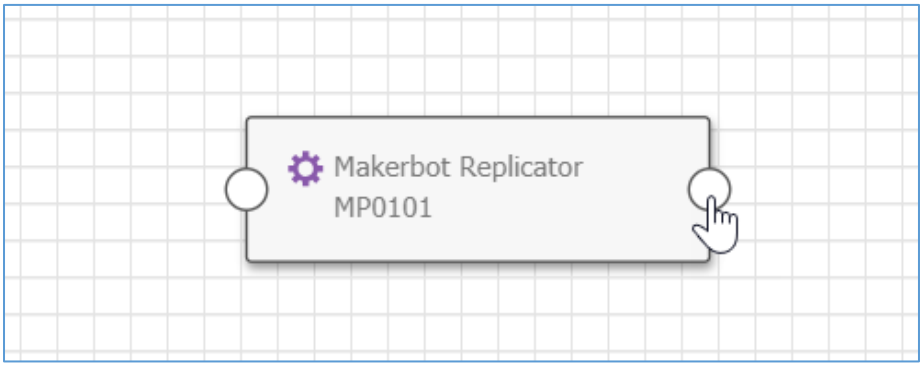


Figure 4.

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3.6.2 Collapse

Click the Expand/Collapse button to collapse all outgoing connectors from a node, or right-click a node and select **Collapse** from the context menu. To control which relationships collapse, use **Selective Collapse** (see Section 3.6.3).

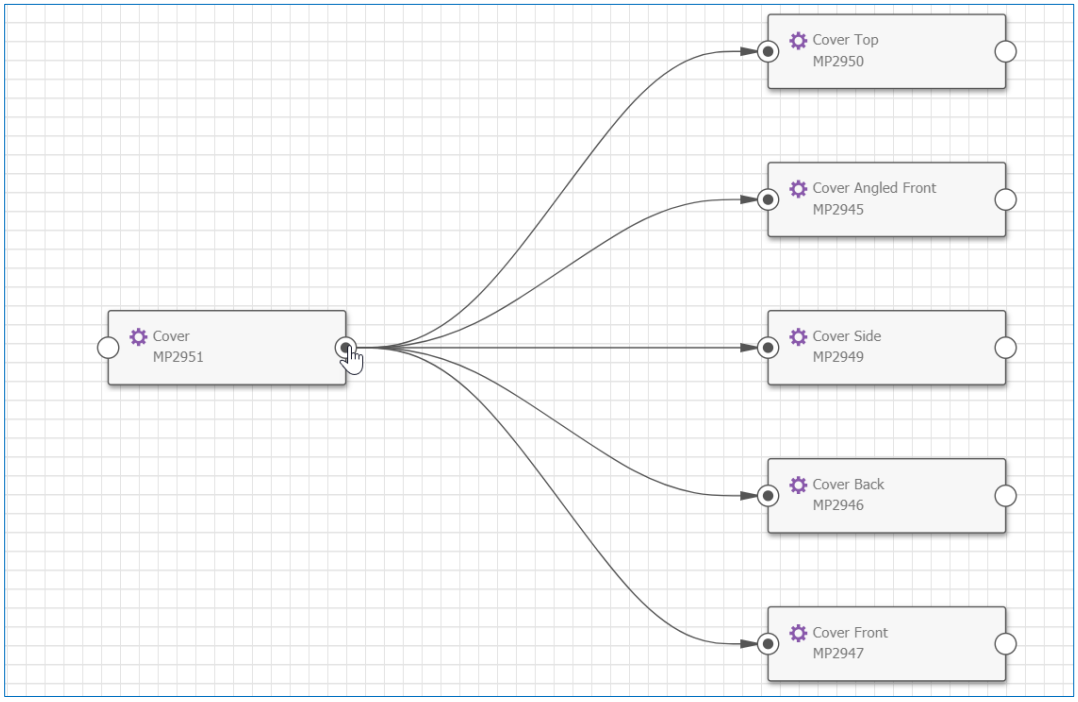


Figure 5.

3.6.3 Selective Expand and Collapse

You can selectively expand or collapse specific relationships and properties. Right-click the expand/collapse button to open the selection menu. In the selection menu, select the checkboxes to filter the expansion, and then click **Apply** to expand or collapse the selections.

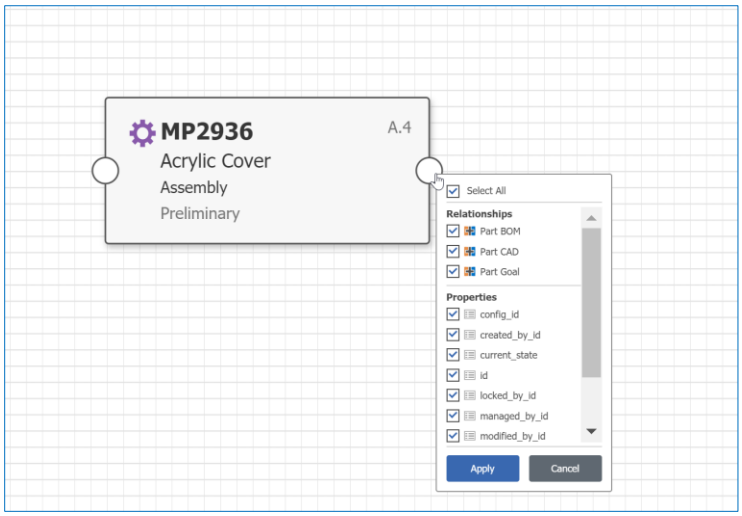


Figure 6.

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3.7 Context Menu Options

Right-click within the Graph View to open the context menu.

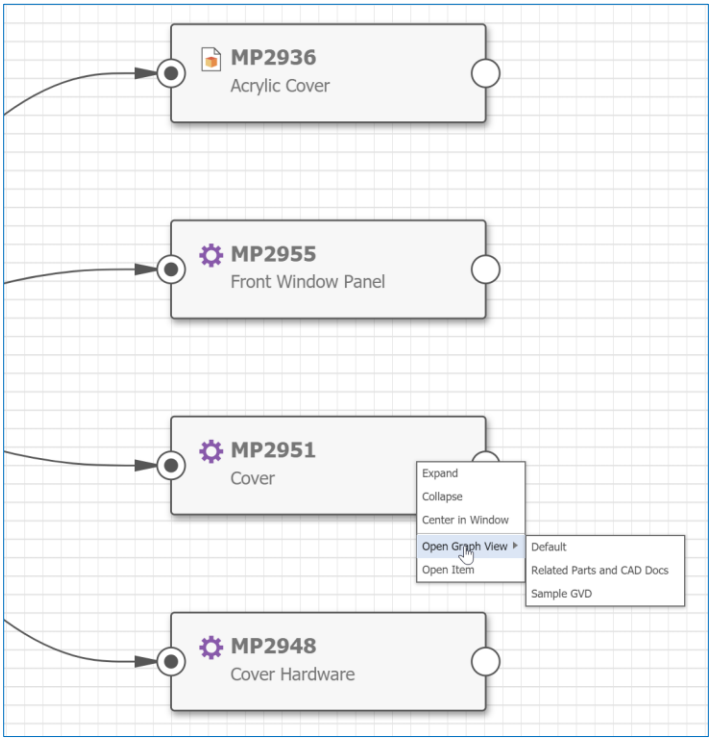


Figure 7.

3.7.1 Open Item

To open an item visible in a Graph View, right-click a node to access the context menu, and then select **Open Item.** The Item form opens in a new tab.

3.7.2 Open Item Graph View

To open a Graph View with a specific node as the new context item, right-click a node to open the context menu, and then select an available Graph View from the **Open Graph View** fly-out menu**.** The new Graph View opens in a new tab. The **Open Graph View** option will only be available when valid Graph Views are available for the context item.

3.7.3 Center Node in Graph View

To center the Graph View on a specific node, right-click a node and then select **Center in Window.** The selected node will then appear in the center of the view. Note that the zoom level will not change when this action is performed.

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