


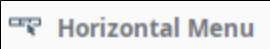
Perspective - Horizontal Menu

This feature is new in Ignition version **8.0.3**
[Click here](#) to check out the other new features

General



Component Palette Icon:



Description

Horizontal Menu component enables you to build a menu structure by setting up multiple links to different page URLs from the component. The Horizontal Menu occupies a large amount of horizontal space and a comparatively small amount of vertical space. The menu starts with a list of root-level menu items that make up the main display area of the component.

If you have more menu items than will fit the width of the component, arrow buttons appear to enable you to scroll left and right through all menu items. The control can also be disabled as a whole.

Each menu item can be configured with a target that will serve as either a link to a page that should be shown (e.g. *"/my-page"*), or a link to an external web page (e.g. *"http://www.inductiveautomation.com/"*). They can also be given a list of child menu items that will show temporarily in a popup as the user is interacting with them. Additionally, menu items can be labeled, disabled, and be given an icon to show to the left of their label.

Properties

Most Properties have binding options. For more information on Bindings, see [Types of Bindings in Perspective](#). This section only documents the Props Category of properties. The other Categories are described on the [Perspective Component Properties](#) page.

Name	Description						
items	Configure items representing the main menu items. <table border="1"><thead><tr><th>Name</th><th>Description</th></tr></thead><tbody><tr><td>enabled</td><td>Whether this option is currently enabled to perform its action or render its submenu.</td></tr><tr><td>target</td><td>A url (external) or mounted path to a page. If "items" is empty (no subtree to this item), this will navigate to that location. Entering Page paths without the leading "/" will open pages in a new tab. If provided, the action to be taken when clicked. If a page should be shown, an example target would be <i>"/my-page"</i>. If an external web page should be shown, an example target would be <i>"http://www.google.com/"</i>.</td></tr></tbody></table>	Name	Description	enabled	Whether this option is currently enabled to perform its action or render its submenu.	target	A url (external) or mounted path to a page. If "items" is empty (no subtree to this item), this will navigate to that location. Entering Page paths without the leading "/" will open pages in a new tab. If provided, the action to be taken when clicked. If a page should be shown, an example target would be <i>"/my-page"</i> . If an external web page should be shown, an example target would be <i>"http://www.google.com/"</i> .
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target	A url (external) or mounted path to a page. If "items" is empty (no subtree to this item), this will navigate to that location. Entering Page paths without the leading "/" will open pages in a new tab. If provided, the action to be taken when clicked. If a page should be shown, an example target would be <i>"/my-page"</i> . If an external web page should be shown, an example target would be <i>"http://www.google.com/"</i> .						

items Configure items representing child menu items from this option. If defined, a submenu will branch from here with these options.

enabled	Whether this option is currently enabled to perform its action or render its submenu.
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target	A url (external) or mounted path to a page. If "items" is empty (no subtree to this item), this will navigate to that location.
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items	Configure items representing child menu items from this option. If defined, a submenu will branch from here with these options.
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icon	Icon image appended to the left of the menu item. <table border="1"><thead><tr><th>Name</th><th>Description</th><th>Property Type</th></tr></thead><tbody><tr><td>path</td><td>Shorthand path to icon source, in format: library/IconName. The materials icon library is a the primary source for icons, see https://material.io/resources/icons.</td><td>value: string</td></tr><tr><td>color</td><td>Color of the icon. Can also assign the "fill" property in styles. Can be chosen from color wheel, chosen from color palette, or entered as RGB or HSL value. See Color Selector.</td><td>color</td></tr></tbody></table>	Name	Description	Property Type	path	Shorthand path to icon source, in format: library/IconName. The materials icon library is a the primary source for icons, see https://material.io/resources/icons .	value: string	color	Color of the icon. Can also assign the "fill" property in styles. Can be chosen from color wheel, chosen from color palette, or entered as RGB or HSL value. See Color Selector .	color
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label	Text to display for this menu item label.
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style	<div style="border: 1px solid black; background-color: #fff9c4; padding: 5px; text-align: center;"><p>This feature is new in Ignition version 8.0.5 Click here to check out the other new features</p></div> <p>Sets a style for this item. Full menu of style options is available for text, background, margin and padding, border, shape and miscellaneous. You can also specify a style class.</p>
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enabled	If true, the component is enabled/active. Default is true.
itemStyle	<div style="border: 1px solid black; background-color: #f9a825; padding: 5px; margin-bottom: 10px;"> <p>This feature is new in Ignition version 8.0.5 Click here to check out the other new features</p> </div> <p>Sets a style for all the items in the component. Full menu of style options is available for text, background, margin and padding, shape and miscellaneous. You can also specify a style class.</p>
style	Sets a style for the entire component. Full menu of style options is available for text, background, margin and padding, border and miscellaneous. You can also specify a style class .

Perspective Component Events

The [Perspective Event Types Reference](#) page describes all the possible component event types for Perspective components. Not all component events support each Perspective component. The [Component Events and Actions](#) page shows how to configure events and actions on a Perspective component. Component scripting is handled separately and can be accessed from the Component menu bar or by right clicking on the component.

Component Methods

This feature is new in Ignition version **8.0.5**
[Click here](#) to check out the other new features

Fired when an item is selected.

- Object Path
event.enabled
- Type
Boolean
- Description
Whether the item interacted with is enabled.
- Object Path
event.label
- Type
String
- Description
Text to display for this option.
- Object Path
event.label
- Type
List
- Description
A list containing the item indexes leading to the item that was clicked.
- Object Path
event.target
- Type
String
- Description
A url (external) or a mounted path to a page.

Examples

Example 1

This example shows a Horizontal Menu with four items. The first item also has two subitems. Each item links to a webpage. Icons are taken from the Material Design icons that can be found here: <https://material.io/tools/icons/>.

Top Level Properties

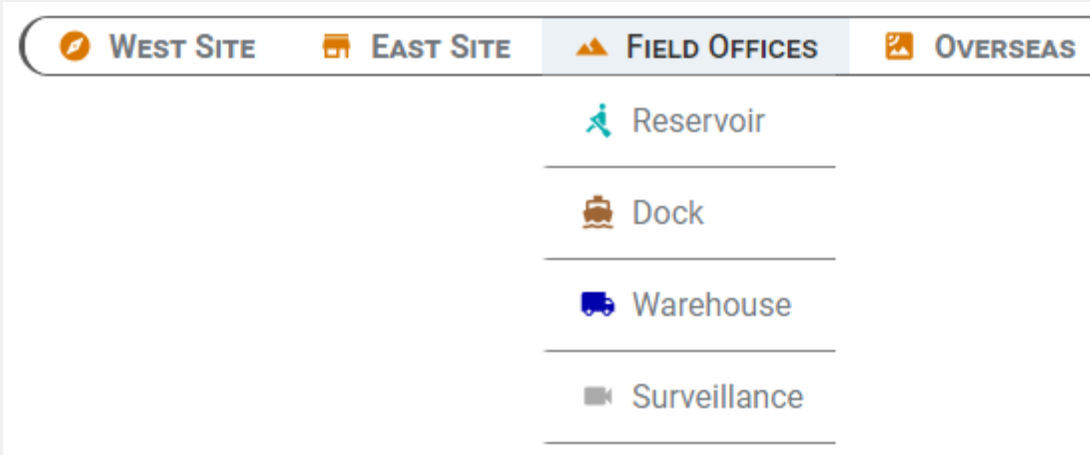
Property	Value
props.items.0.enabled	true
props.items.0.target	https:// (link to Acme home)
props.items.0.icon.path	material/home
props.items.0.icon.color	#FF0000
props.items.0.label	Acme Inc.
props.items.1.enabled	true
props.items.1.target	https:// (link to products)
props.items.1.icon	material/flame
props.items.1.color	#D97700
props.items.1.label	Products
props.items.2.enabled	true
props.items.2.target	https:// (link to forum)
props.items.2.icon.path	material/forum
props.items.2.icon.color	#800080
props.items.2.label	User Forum
props.items.3.enabled	true
props.items.3.target	https:// (link to help)
props.items.3.icon.path	material/help
props.items.3.icon.color	#00AC00
props.items.3.label	Help
props.style.borderStyle	solid
props.style.color	#FF4747
props.style.fontSize	18px
props.style.fontWeight	bold
props.style.borderWidth	1pc
props.style.borderColor	#FFCCCC

Sub Level Properties of Item 0

Property	Value
props.items.0.items.0.target	https:// (link to about)
props.items.0.items.0.icon.path	material/info
props.items.0.items.0.icon.color	#FF0000
props.items.0.items.0.label	About Us
props.items.0.items.0.target	/screen_2
props.items.0.items.0.enabled	true
props.items.0.items.1.target	https:// (link to about)
props.items.0.items.1.icon.path	material/local_see
props.items.0.items.1.icon.color	#FF0000
props.items.0.items.1.label	Map
props.items.0.items.1.target	https:// (link to map)
props.items.0.items.1.enabled	true

Example 2

This example shows a Horizontal Menu with four items that are linked to views within the Perspective project. The third item in the list, Field Offices, has four subitems. Each item links to a view for a different field office. Icons are taken from the Material Design icons that can be found here: <https://material.io/tools/icons/>.



Top Level Properties

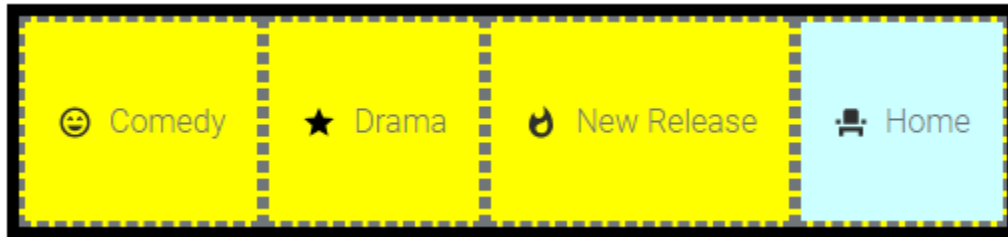
Property	Value
props.items.0.enabled	true
props.items.0.target	/west
props.items.0.icon.path	material/explore
props.items.0.icon.color	#D97700
props.items.0.label	West Site
props.items.1.enabled	true
props.items.1.target	/View_East
props.items.1.icon	material/store
props.items.1.color	#D97700
props.items.1.label	East Site
props.items.2.enabled	true
props.items.2.icon.path	material/landscape
props.items.2.icon.color	#800080
props.items.2.label	Field Offices
props.items.3.enabled	true
props.items.3.target	/satellite
props.items.3.icon.path	material/satellite
props.items.3.icon.color	#00AC00
props.items.3.label	Overseas
props.style.borderStyle	solid
props.style.fontStyle	normal
props.style.fontVariant	small-caps
props.style.borderRadius	16
props.style.borderColor	#555555

Sub Level Properties of Item 2

Property	Value
props.items.2.items.0.enabled	true
props.items.2.items.0.target	/reservoir
props.items.2.items.0.icon.path	material/rowing
props.items.2.items.0.icon.color	#00ACAC
props.items.2.items.0.label	Reservoir
props.items.2.items.1.enabled	true
props.items.2.items.1.target	/dock
props.items.2.items.1.icon.path	material/directions_boat
props.items.2.items.1.icon.color	#9E6635
props.items.2.items.1.label	Dock
props.items.2.items.2.enabled	true
props.items.2.items.2.target	/warehouse
props.items.2.items.2.icon.path	material/local_shipping
props.items.2.items.2.icon.color	#0000AC
props.items.2.items.2.label	Warehouse
props.items.2.items.2.enabled	true
props.items.2.items.2.target	/surveillance
props.items.2.items.2.icon.path	material/videocam
props.items.2.items.2.icon.color	#AAAAAA
props.items.2.items.2.label	Warehouse

Example 3

This example shows a Horizontal Menu with four items. It uses the new style settings enabled in 8.0.5.



Top Level Properties

Property	Value
props.items.0.enabled	true
props.items.0.icon.path	material/sentiment_very_satisfied
props.items.0.icon.color	#D97700
props.items.0.label	Comedy
props.items.1.enabled	true
props.items.1.icon	material/star
props.items.1.label	Drama
props.items.2.enabled	true
props.items.2.icon.path	material/whatshot
props.items.2.label	New Release
props.items.3.enabled	true
props.items.3.icon.path	material/event_seat
props.items.3.label	Home
props.items.3.style.backgroundColor	#CCFFFF
props.itemStyle.backgroundColor	#FFFF00
props.itemStyle.borderStyle	dashed
props.style.borderStyle	solid
props.style.borderWidth	6px
props.style.borderColor	#000000