

Perspective Designer Interface

The Perspective Designer Interface includes a number of panels and menus containing functionality that allow you to design and build your project. The Perspective Designer Interface has several basic panels that are used for specific objects such as the Project Browser and Tag Browser. The Project Browser panel allows you to view the different Designer Spaces and their component hierarchies at a glance as you design and build your project, while the Tag Browser panel allows you to browse Tags in the Designer and OPC server as well as create new Tags. Some of the menus, like the File Menu and Help Menu, are shared throughout the Designer, and some are specific to certain objects that will only be displayed when an object of that type is selected.

There are many dockable and draggable panels that surround the workspace, as well as the familiar menu bars and toolbars. The default panels include: Component Palette, [Property Editor](#), Project Browser, and [Tag Browser](#). The dockable panels can be rearranged as you wish and will snap into place as you move them around the screen. Each workspace remembers its layout, which is the docking arrangement of the panels around it.

If you closed a panel and want to get it back, re-enable it from the **View > Panels** submenu. To reset the user interface back to its default arrangement, go to **View > Reset Panels** or click the **Panel Chooser**



icon in the lower left corner of the window and select **Rest Panels**.

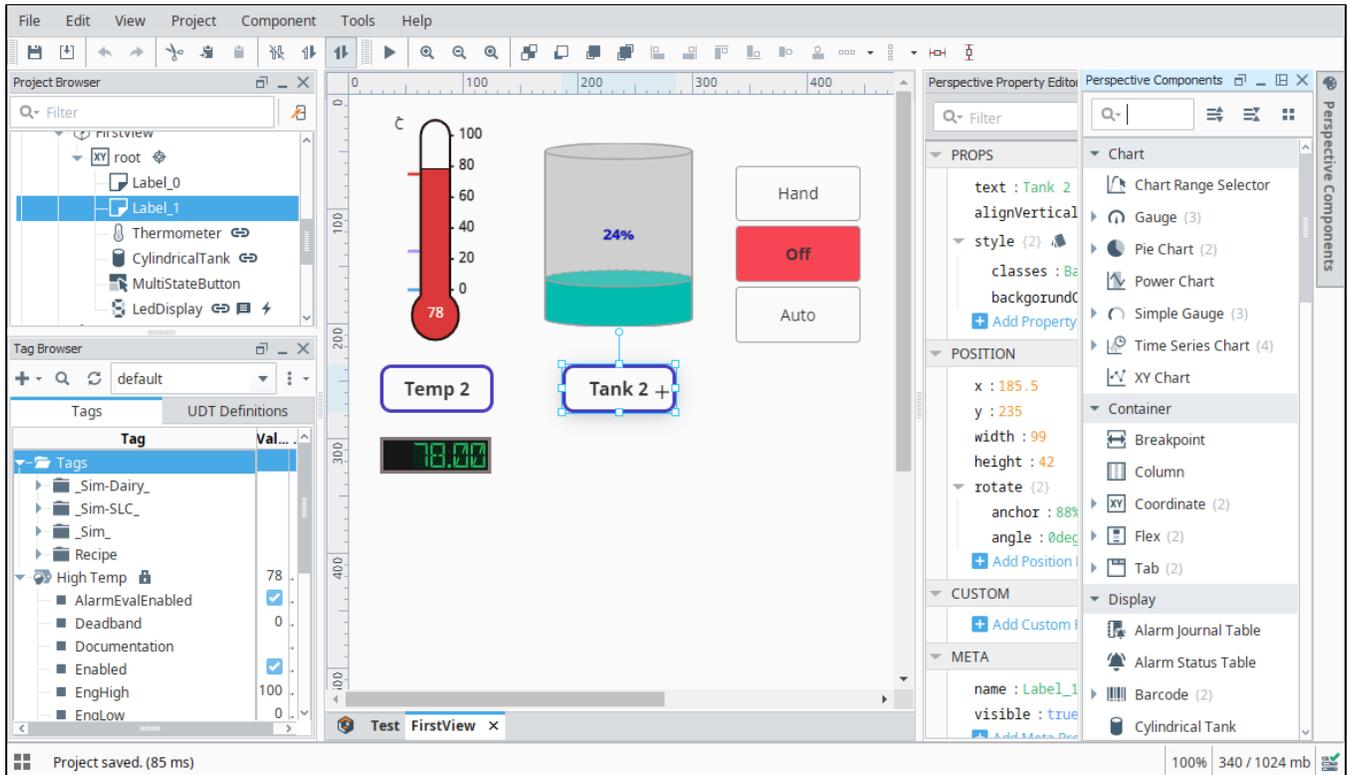
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The Designer User Interface

[Watch the Video](#)



Perspective Menubar

There is a menubar at the top of the Designer that provides functionality that you can interact with when working in the Perspective workspace. Each menu has a host of functions as it relates to that menu. The other menus that are shared between Vision and Perspective are discussed in the [General Designer Interface](#).

File Menu

See [General Designer Interface](#).

Edit Menu

The **Edit Menu** is similar to other applications edit menus in that it provides much of the basic copy/paste functionality. You can also right click on an item in the browser to access this menu.

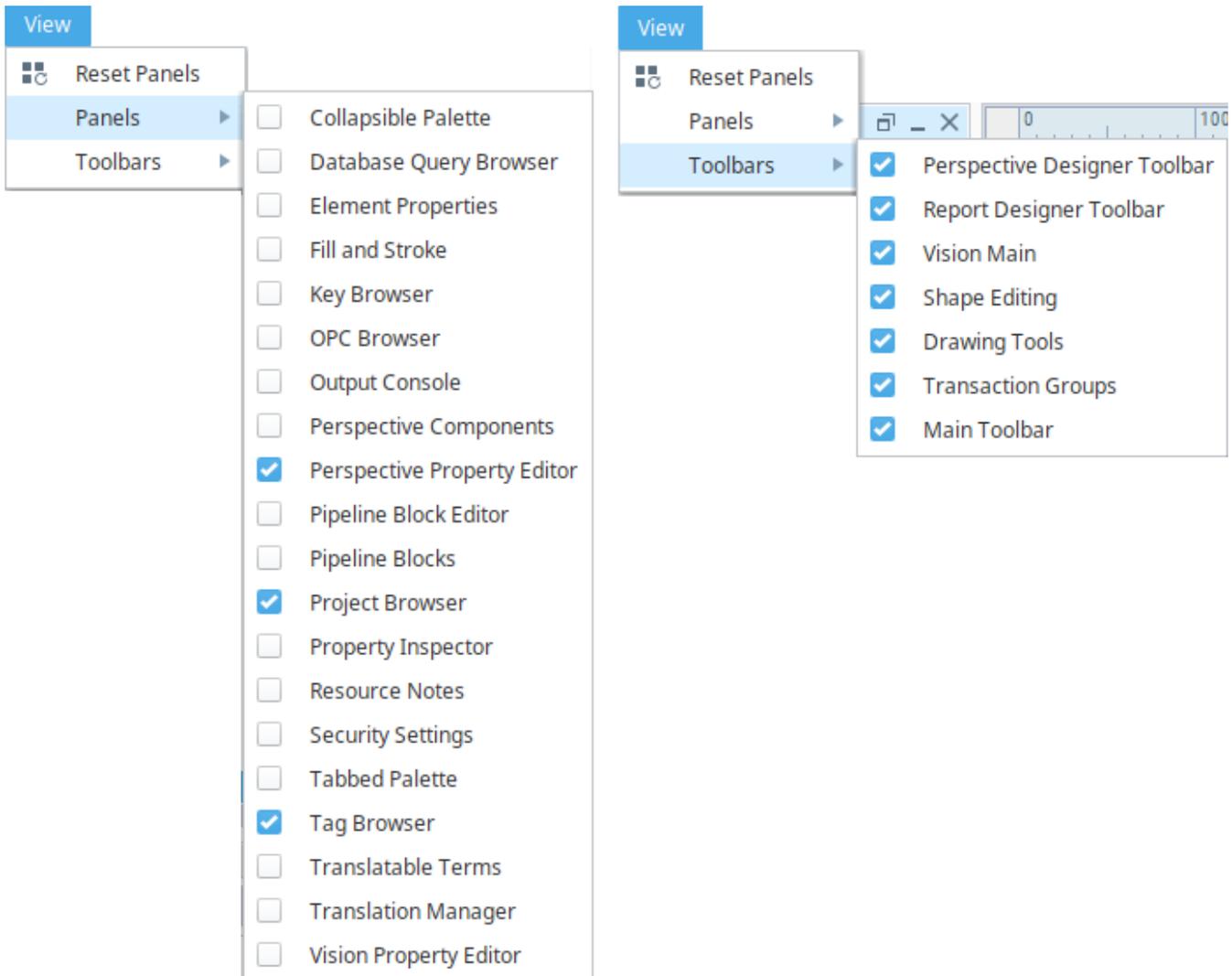
Edit		
	Undo	Ctrl+Z
	Redo	Ctrl+Y
	Cut	Ctrl+X
	Copy	Ctrl+C
	Paste	Ctrl+V
	Duplicate	Ctrl+D
	Find/Replace	Ctrl+F
	Delete	Delete

Function	Description
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Undo and Redo	Can be used to revert to the previous state, essentially removing the last change, or redoing it again after having been removed. This has a large queue that can be traversed, but does not include every change (i.e., Tag edits cannot be undone).
Cut/Copy /Paste /Duplicate	<p>These functions perform similarly to most software applications.</p> <ul style="list-style-type: none"> • Cut: Removes the selected item but keeps a copy on the clipboard. • Copy: Puts a copy of the selected item on the clipboard. • Paste: Pastes the current contents of the clipboard. • Duplicate: Duplicates the selected item (essentially a fast copy and paste action). <p>Most things in the Designer can be copied and pasted elsewhere, from individual components to entire Views.</p>
Find /Replace	Brings up the Find and Replace interface to allow you to find specific objects within the project. See Find and Replace for more information.
Delete	Deletes the currently selected component. This can also be done using the delete key.

View Menu

The **View Menu** enables you to control the display of panels and toolbars in the Designer.



Function	Description
Reset Panels	Resets the Panels in the Designer so that they are in the default configuration.
Panels	A list of all the available Panels for the Designer in Perspective. Select the checkbox next to the Panel name to display that panel.

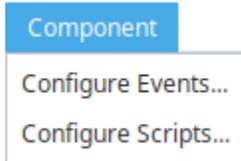
Toolbars	A list of all the available Toolbars for the Designer in Perspective. Select the checkbox next to the Toolbar name to display that toolbar.
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Project Menu

See [General Designer Interface](#).

Component Menu

The **Component Menu** provides links to the Event Configuration and Script Configuration screens where you can add events, actions, and message handlers to individual components.



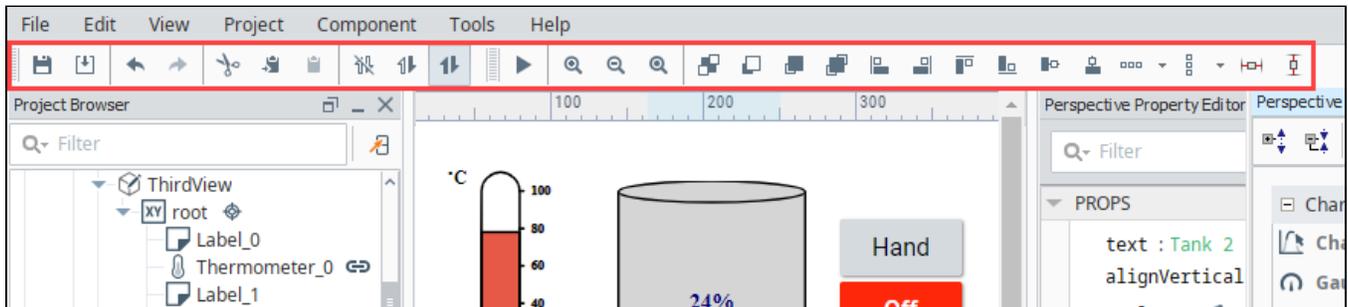
Function	Description
Configure Events...	Displays the Event Configuration screen. For more information, see Perspective Events and Actions .
Configure Scripts...	Displays the Script Configuration screen. For more information, see Component Message Handlers .

Help Menu

See [General Designer Interface](#).

Perspective Toolbar

The Perspective Toolbar contains shortcuts to options from the menubar as well as options to set the z-order for components.



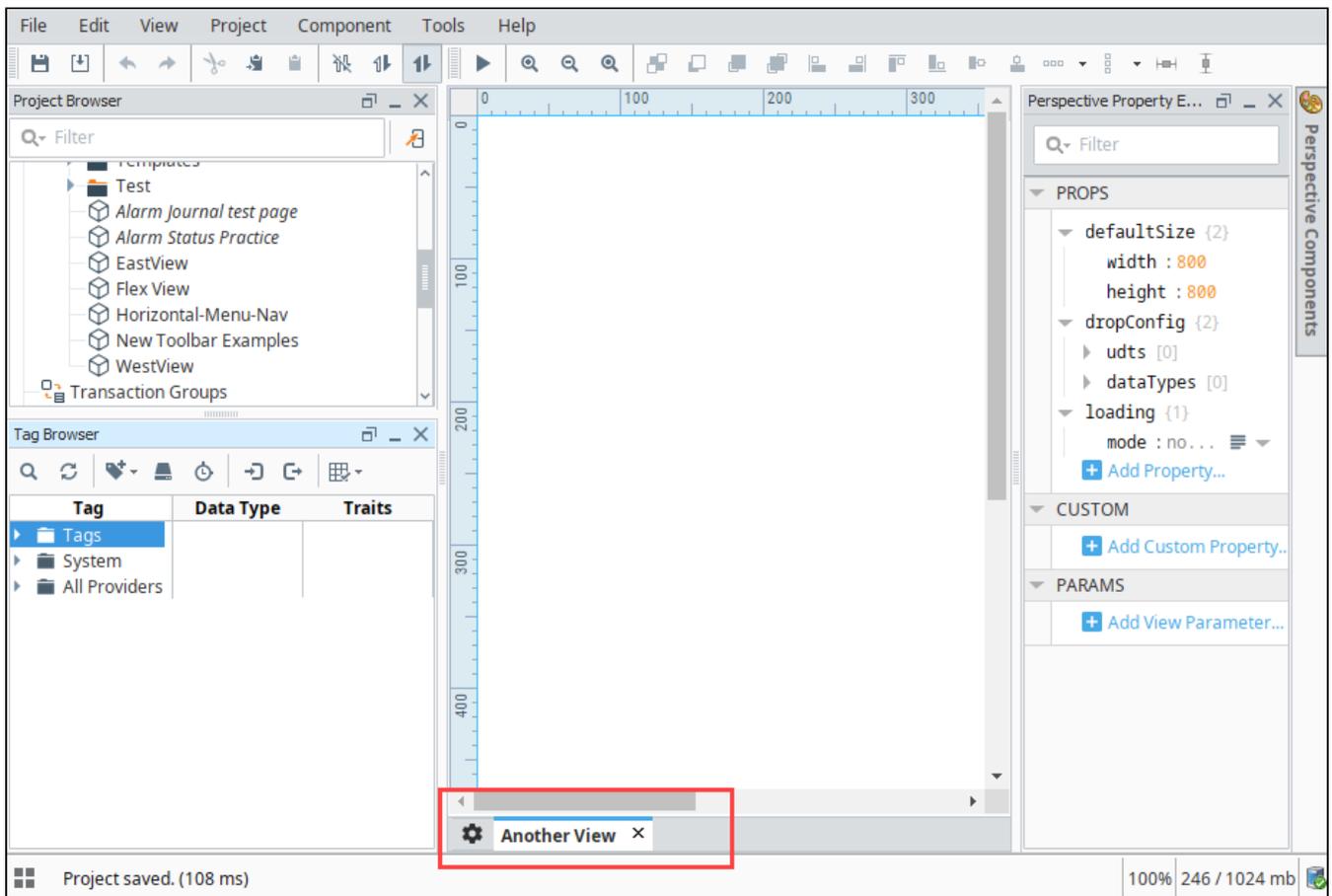
Icon	Function/Description
	Save all outstanding project changes in Ignition Gateway.
	Merges any new changes on the Gateway into the open project.
	Undo the last action.
	Redo the last undo action.
	Cuts the current selection into the clipboard.
	Copies the current selection into the clipboard.

	Pastes the current selection into the clipboard.
	Gateway communication such as queries and Tag subscriptions disabled.
	Read-only communication operations such as SELECT queries and Tag values allowed.
	Full read-write Gateway communication allowed
	Toggle the active view between Preview mode and Design mode.
	Zoom into the currently open window.
	Zoom out of the currently open window.
	Zoom reset to 100%.
	Move the selected components to the back of the z-order.
	Move the selected components backward in the z-order relative to the overlapping components.
	Move the selected components forward in the z-order relative to the overlapping components.
	Move the selected components to the front of the z-order.

The remainder of the icons on the Perspective toolbar are for aligning components. See [aligning](#) for more information.

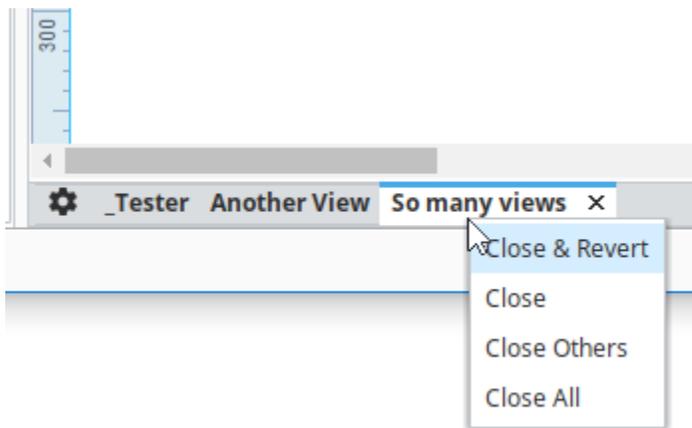
Resource Tabs

The Resource Tabs allow you to change which resource is being edited in the workspace, as well as navigate to the **Settings**  area of the Perspective Workspace.



Right-Click Menu

The right-click menu provides multiple ways to close one or more views.



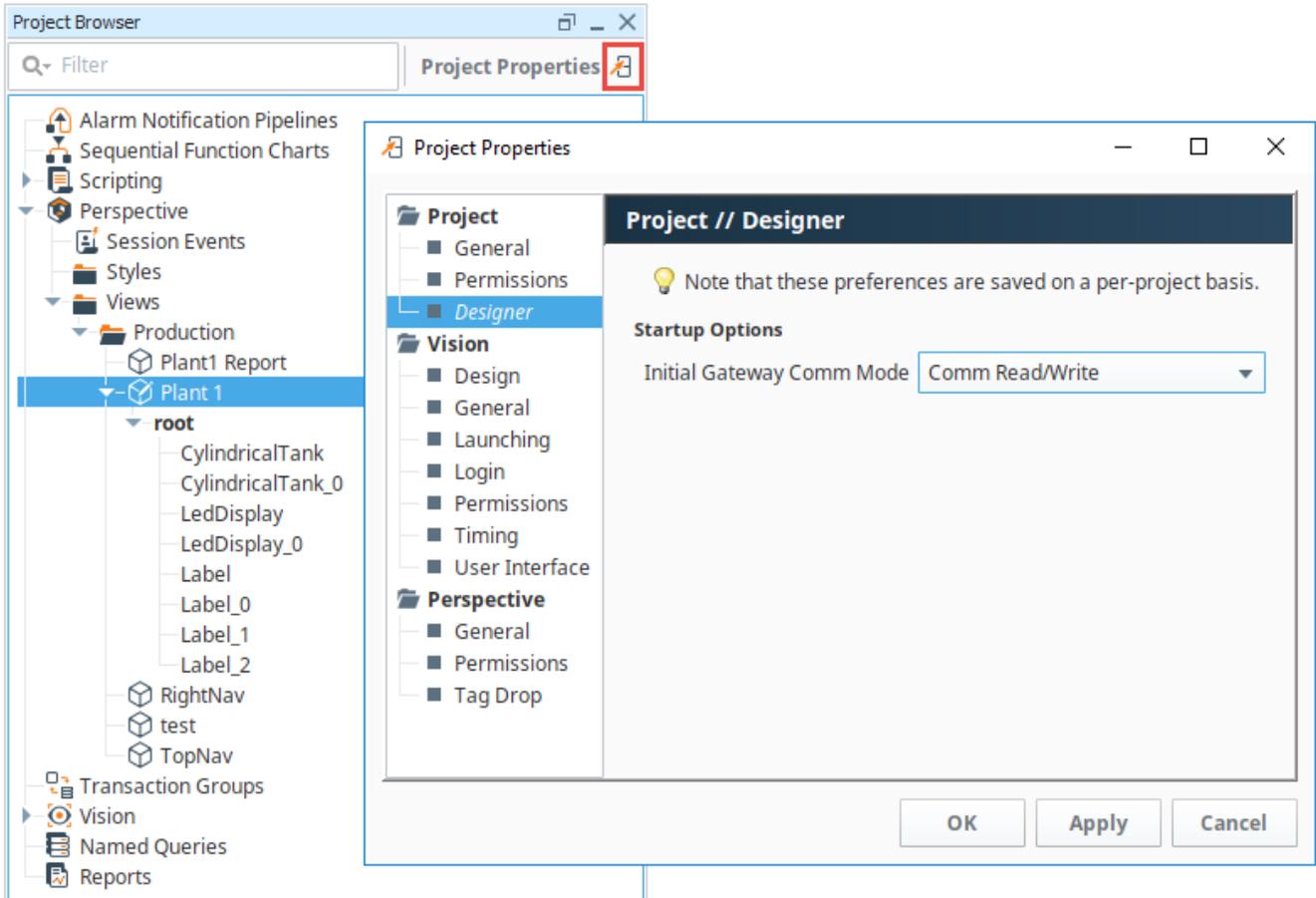
Option	Description
Close & Revert	Closes the selected view, and reverts any changes that have been made, but not yet saved. This option should only be used when you wish to lose any changes made to the view.
Close	Closes the selected view, and commits changes (meaning changes will be retained in the designer session).
Close Others	Closes all views except for the view selected. Changes made to the views are committed.

Close All Closes all views. Changes made to the views are committed.

Project Browser

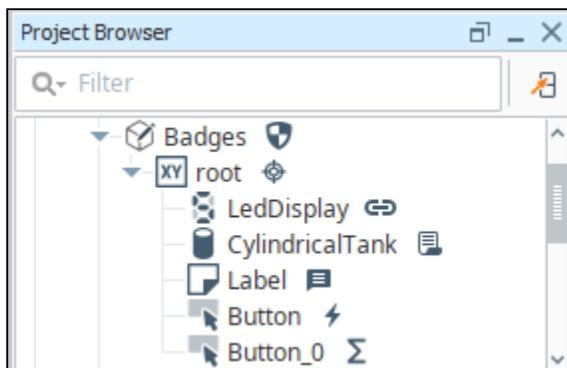
The Project Browser panel allows you to view the different Designer Spaces and their component hierarchies. You can expand folders and navigate down through each folder to see elements of a project such as windows, views, containers, and components. The Project Browser shows the entire tree structure from the project level folder down to the component level. You can view or change many of the project properties settings by clicking the

Project Properties  icon. The Project Browser is also discussed on the [General Designer Interface](#) page.



Badge Icons

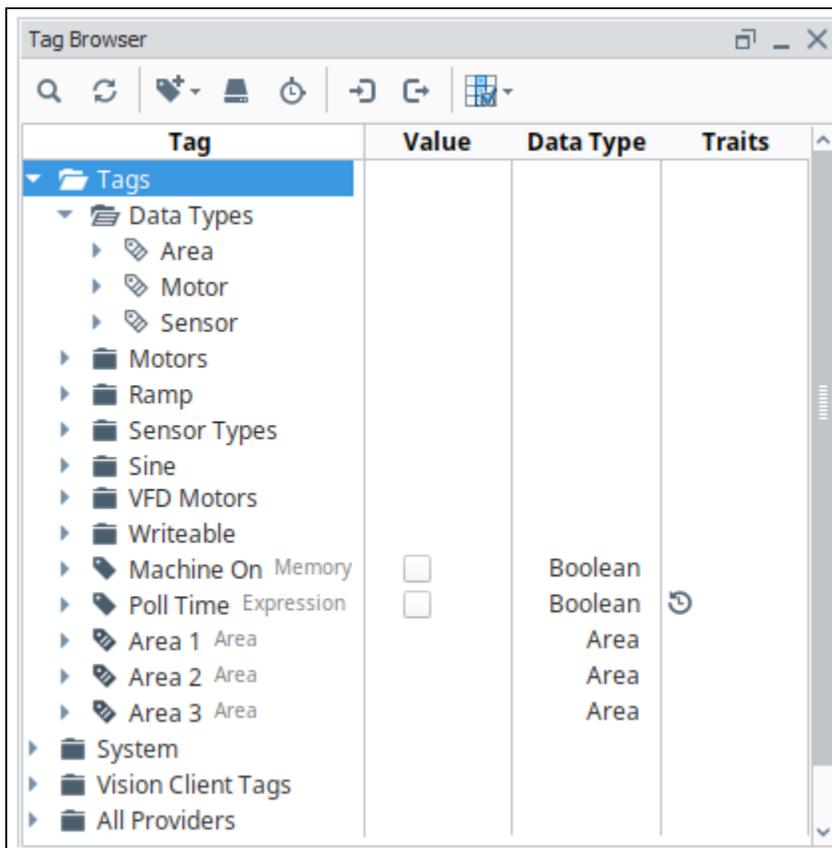
Perspective has host of useful icons in the Project Browser that can show extra configurations on a component, such as scripting, security, deep selection, message handler, etc. These icons, as shown in the image below, are extremely useful when trying to navigate through a view to find components with extra configurations. Here is a list of the Perspective Badge icons.



Badge Icon	Name	Description
	Binding	Indicates the component has a binding script . Appears next to the name of the component.
	Custom Method	Indicates the component has a custom method . Appears next to the name of the component.
	Deep Select	Shows a selected component within a selected container. Lets you know that you have deeply selected into the component and not just selected the component itself. Appears next to the name of the selected component.
	Event Action	Indicates that the component has its own event actions which are related directly to the functionality of the component. Appears next to the name of the component.
	Message Handler	Shows that the component contains a user-created script that listens for a particular message. Appears next to the name of the component.
	Script	Identifies that the component has a property change script . Appears next to the name of the component.
	Security	Indicates that the component has security permissions applied to the view . Appears next to the name of the component.

Tag Browser

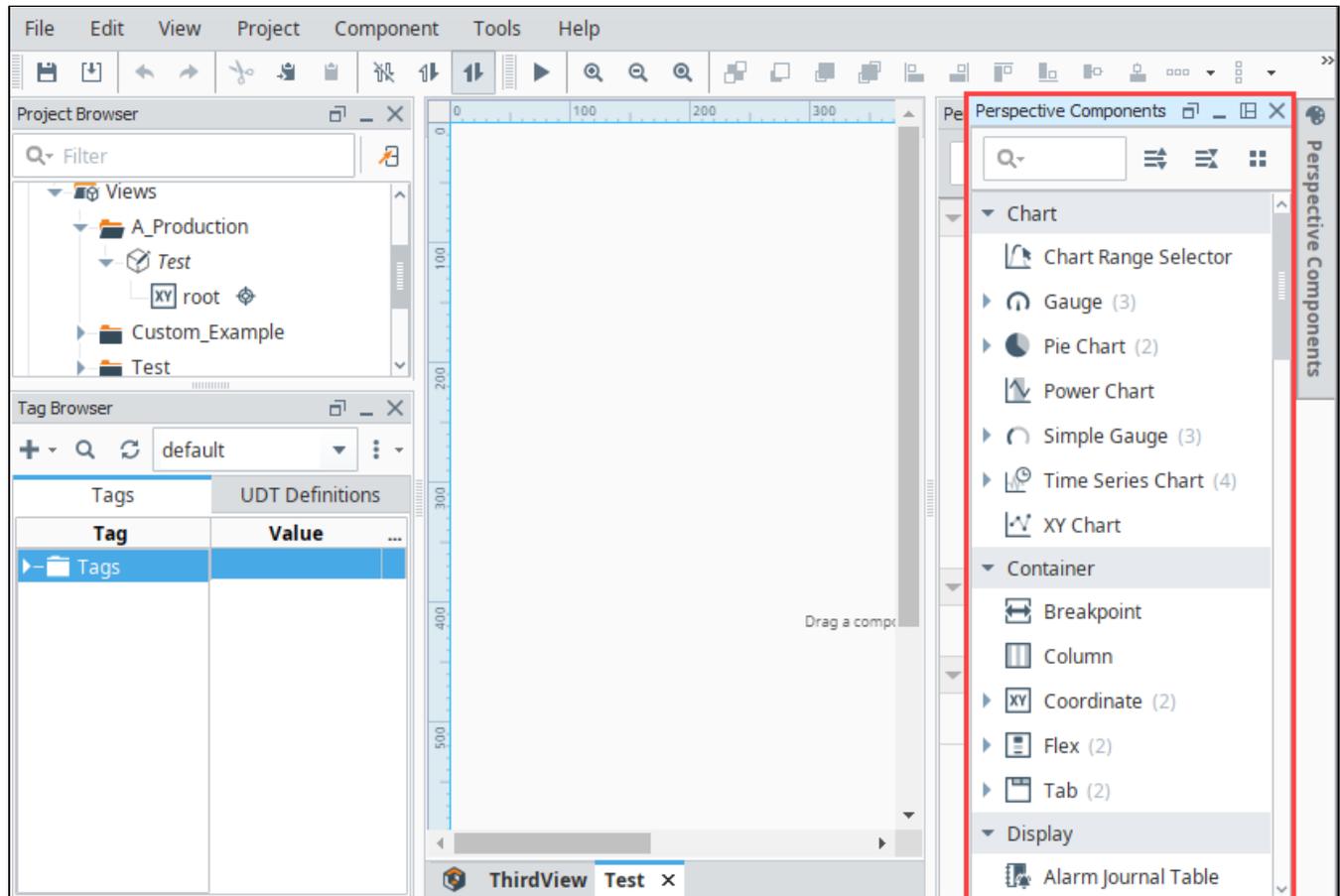
The Tag Browser allows you browse Tags in the Designer and OPC servers. In addition, Tags can be created, edited, exported and imported directly from the Tag Browser. For more information on Tags, the different Tag types, and how they work, see [Tag Browser](#).



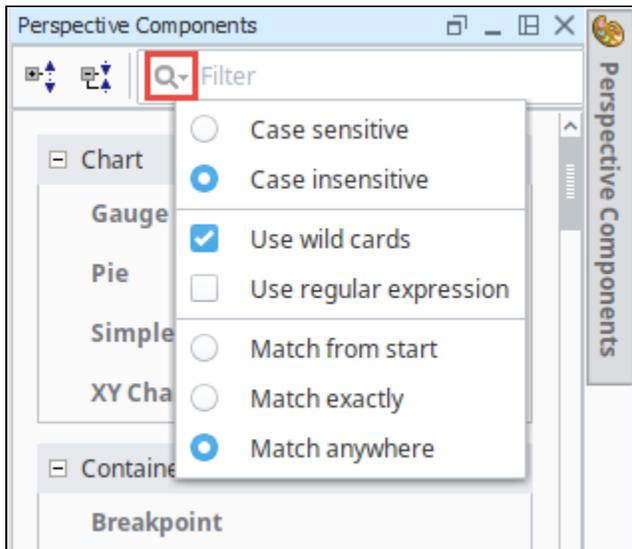
Perspective Component Palette

The Perspective module contains numerous components, such as buttons, labels, charts, and many more. Perspective utilizes modern web technologies so many of the built-in components may look reminiscent of components you may have seen on your favorite websites. Components are created by dragging the component from the Component Palette and dropping it onto a view. A complete list of components is found on the [Perspective Components page](#).

The Component Palette is located in the upper right side of the Perspective Designer Interface. If the component palette is not visible, click Perspective Components to open. This panel defaults to auto-hide itself. Components are grouped into different categories based on functionality. Each category can be individually expanded to show all components in that category, or collapsed to hide the components in that category.



In the Component Palette search bar, you can search for components. Start typing in the search bar and the component list will update based on the text you entered. You can also set filter options by clicking on the **Search**  icon to expose the filter selection to make the search case sensitive, or use wildcards, regular expressions, match from start, match exactly, and match anywhere.

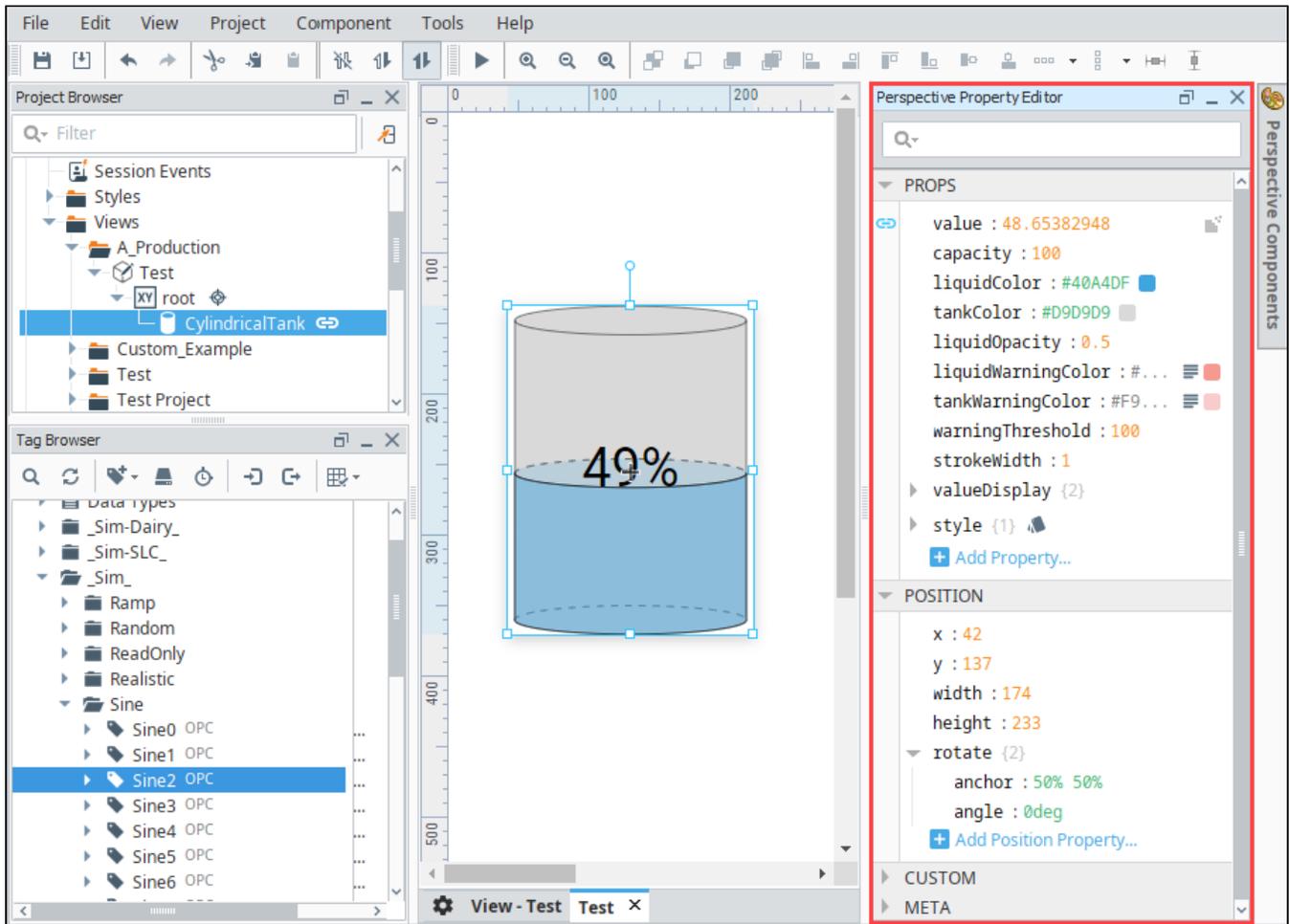


Perspective Property Editor

As with other areas of Ignition, the Perspective module has a dedicated [Property Editor](#) panel that allows for fine-tuning of individual objects. The Property Editor is contextual, meaning that the properties available are dependent on which object or component is selected.

The Property Editor contains a search field, allowing you to filter properties based on the text typed into the field. The image below shows the properties that are set on a Cylindrical Tank component. There are **Binding**  icons to the left of each of the properties that appear when you mouse over them. If you have a Cylindrical Tank on your view and click the Binding icon for the Value property, it will open the Binding window and you can set what the Cylindrical Tank component is bound to. In following example, the Value property of the Tank is bound to a Sine2 OPC Tag.

In the Property Editor you can also set Position properties and add Custom properties to components, as well as create Params for passing values from one view to another. To learn more about each of the categories in the Property Editor, refer to the [Perspective Component Properties](#) page.



Page Configuration

Pages are how you navigate within a Perspective project. Each page represents a collection of views that are displayed in a single space. Just like a single tab of a web browser, this represents a single page (at a time). Before you begin to configure a page, it's important to understand the [page layout](#). It has several specific regions and each behave differently: Top Dock, Bottom Dock, Left Dock, Right Dock, and a Primary View. The type of content you create and the design strategy you use for your views will determine where you place them on the page layout. For example, you may want a staff schedule to be available on every page, but not displayed all the time on the page. What you could do is configure the view on a docked window, thus making it available on demand when someone wants to see it by clicking on a tab in a session to view it, and clicking the tab again to hide it. [Pages in Perspective](#) describes in detail about page layout, page configuration, configuring docked views, and more.

Open the Page Configuration window by clicking on the **Settings**  icon in the lower left corner. This is where you'll configure your pages in Perspective.

Initially, **Shared Settings** allow you to apply configuration changes to all pages (such as adding an omnipresent docked view), as well as specify the **Corner Priority**.

To the right of the Page Configuration column, the following buttons are present:

- **Add** - Creates a new Page Configuration.
- **Trash** - Removes the selected Page Configuration.

Recently Modified Views

You'll also notice in the Page Configuration image below, there is a Recent Modified Views list. These are your most recent modified views along with a timestamp denoting when the last edit to the view was made and who made the modifications. If the project does not contain any views, the listing will be empty.

Page Configuration

Shared settings

- / → Production/Plant 1
- /plant1-report → Production/
- /test → Production/test

TopNav ✎

+ Add

Corner Priority

left-right
top-bottom

+ Add
+ Add

+ Add

Recently Modified Views

<p>TopNav Last edit: admin 05/03/19 11:44 AM</p>	<p>Plant 1 Last edit: admin 05/03/19 10:05 AM</p>	<p>test Last edit: admin 05/03/19 09:52 AM</p>	<p>RightNav Last edit: admin 04/03/19 03:51 PM</p>	<p>Plant1 Report Last edit: admin 04/03/19 03:40 PM</p>
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⚙️
Plant1 Report
RightNav
Plant 1
TopNav

Keyboard Shortcuts

There are a lot of ways to speed up development once you are familiar with how Ignition works. There are many keyboard shortcuts in Perspective Designer that are listed throughout the Designer interface alongside menu options. To learn about keyboard shortcuts, go to the [Keyboard Shortcuts](#) page.

Vertical and Horizontal Guides

In the Designer workspace, you can set vertical and horizontal guides to help you align components. To set a vertical guide, slide your cursor along the top horizontal ruler and click it where you want it. The number of pixels will be displayed in the top ruler and a red vertical line will appear the length of your workspace. To remove the guide, click on the guide and drag it to the left into the vertical ruler and it will disappear.

To set a horizontal guide, slide your cursor in the vertical ruler and click it where you want it. The number of pixels will be displayed in the left ruler and a red horizontal line will appear on the width of your workspace. To remove the guide, click on the guide and drag it to the top into the horizontal ruler and it will disappear.

You can add multiple vertical and horizontal guides.



The Perspective Designer toolbar also has options for [aligning components](#).

Related Topics ...

- [Perspective Components](#)
- [Perspective Component Properties](#)
- [Containers in Perspective](#)
- [General Designer Interface](#)
- [Pages in Perspective](#)