

## What are value sets?

Value sets are predefined values that a user may select as input against a specific field. These are colloquially known as 'drop down lists'.

## Why would I use a value set?

Value sets are used when content needs to be restricted to predefined data for purposes of comparison, aggregation, categorization or evaluation.

## Where are value sets found in Jalapeno?

Out of the box Value Sets can be found in the Information module in the Metadata Management tab. Navigate to Jalapeno ValueSets to access the predefined valuesets in Jalapeno.

Custom Value Sets are prevalent throughout Jalapeno as a means to collect structured information. They are not confined to one specific area of the product.

## How do I create a custom value set?

When creating an attribute in Jalapeno, ensuring that the attribute range is a set of values will designate that attribute as a Value Set. Creating the sets of values is addressed in the next question.

The screenshot shows the 'Information' module in the Metadata Management tab. The left sidebar contains a navigation menu with categories: Information, Entity Relation Diagrams, Dictionary and Glossaries, Data Types, Schema View/Export, and Extend Meta Model. The 'Information' category is expanded, showing sub-items like Digital Whiteboard, Manage Concept, Attributes and Relations, Metadata Management, and Data Flow Diagrams. A mouse cursor points to 'Metadata Management'. The main area displays a tree view of value sets, with 'Jalapeno ValueSets (142)' highlighted. Below this, a table lists value sets with columns for Label, Comment, Set of Values, and Heatmap. A mouse cursor points to the 'String Value' link in the 'Set of Values' column.

Label	Comment	Set of Values	Heatmap
Maturity Summary	Estimated Aggregation of Maturity Assessments	Capability Maturity Model	<input checked="" type="checkbox"/>
String Dimension		String Value	<input checked="" type="checkbox"/>

  

The screenshot shows the 'Range' configuration dialog for a value set. It contains a text input field with the value 'Delivery Status Valueset' and a '+ Add Item' button.

## How do I manage values in the value set?

*For out of the box value sets* – Select the desired Jalapeno value set (Eg: TimeDimension). In the 'Edit' tab – choose a heatmap palette for the set of values and hit Save.

Navigate to the Value set Values tab to add the desired values in the grid.

*For custom value sets* - Sets of values are managed independently of the valueset attribute and then linked back to it. This is to allow reusability of common sets of values (eg: “Low, Medium, High” or “Active, Inactive”).

The set of values is associated with one or more valuesets by specifying the valueset range as the set of values.

To manage the values in the valueset, navigate to the “set of values” subtab. This tab is usually found wherever valuesets may be defined. Select the “Add Set if Values” button and name the set of values you wish to create. Alternatively you may find the set of values you wish to update in the set of values list at the left of the screen.

After configuring the heatmap icon and palette (see Quick Guidance on heatmap creation), use the grid to create and manage the values in the set of values (see Quick Guidance of grids).

If you update values, these values will immediately reflect through Jalapeno wherever they are referenced. If you've created a new set of values, don't forget to return to your valueset to add the set of values into the range.

## How do I know where each set of values is used?

At the bottom of the set of values UI is a valueset usage grid. This grid is not editable but allows you to see which valuesets are referencing this set of values. This is particularly helpful to determine the impact of your changes when you are updating the values in the set of values.

The screenshot displays the 'Set of Values' management interface. At the top, there are two 'Manage Valueset' panels, each with an 'Edit Valueset Values' button. Below these is a 'Values' section with a table header: 'Label', 'Preferred Label', 'Notation', 'Definition', 'Sort Order', and 'Heatmap Temperature'. A 'Set of Values' subtab is selected, showing a '+ Add Set of Values' button. Below this is a 'Valueset Values' table with columns for 'HeatMap Temperature' and 'Value'. The table contains five rows with values: 1 (To Do), 2 (In Progress), 3 (Test), 4 (Ready to Deploy), and 5 (Complete). At the bottom, there is a 'Valueset Usage' section with a table showing 'Usage' and 'Task Status'.