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# Genesys Rules Authoring Tool Help

Enumerations Editor

# Enumerations Editor

The Enumerations (Enums) Editor allows you to create and edit enumerations. An enumeration is a data type that consists of a set of named values that represent constants. Enumerations are useful for parameters that have a small number of possible values. For example, an enumeration of **CustomerValue** might be gold, silver, or bronze.

Each enumeration contains the same fields:

- **Name**—A name for the enumeration.
- **Description**—A brief description of the enumeration.
- **Values**—A list of possible values. Click **Add**, **Edit**, and **Remove** to update the list.

The value provided for the **Name** property corresponds to the value of the **Fact** property that must be provided in the Rules Engine as part of a rules evaluation request. The **Name** is case-sensitive.

The value provided for the **Label** property corresponds to what the rule author will see when they use a rule condition or action that includes a parameter of type **Input Value**, with an enumerated list of values.

For example, an enumerated list called **CustomerSegment** could be defined as follows:

Name	Label
101	Bronze
102	Silver
103	Gold

In this example the **Name** consists of digits only, so case-sensitivity is not an issue. For example, if the **Name** properties were bronze, silver, and gold then you must ensure that you enter in the exact value Bronze as the **Fact** property in order for the rule to be evaluated as expected. If you enter in bronze, the rule will not return the result you are expecting.