Camunda DMN simulator

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TOOL

Camunda DMN Simulator

https://consulting.camunda.com/dmn-simulator/

Modeling a decision table in DMN

When opening the DMN online simulator, you will see the example, *Dinner Decisions* model. This model reflects a case of a dinner party. Here, we need to decide which dish we should prepare. This guide will show you how to model the "Dish" decision table.

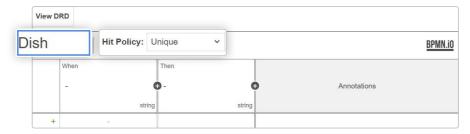
The dish decision table is based on the decision logic:

The choice of the dish depends on the current season.

- 1. Select Create Decision and place the decision in the canvas.
- 2. While the decision is selected, click on the wrench icon and choose **Decision Table**. This will create a green decision table icon in the upper left corner.



- 3. Click on the green decision table icon in the upper left corner to access the decision table. (To go back to see the model click on the **View DRD** button in the upper left corner.)
- 4. Start by setting the name of the decision to e.g. "Dish".



5. The Hit Policy is set next to the name. For this example, set it to "Unique".

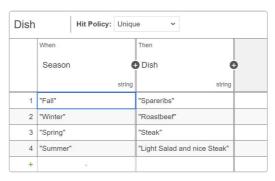
- 5. The When cell is the input data. Double click on When to set
- · the name to "Season",
- · the **Expression** to "season",
- \cdot the **Expression Language** to "feel" and
- the Type to "string".
 Leave the remaining values as they are and click outside the pop-up to save and close it.



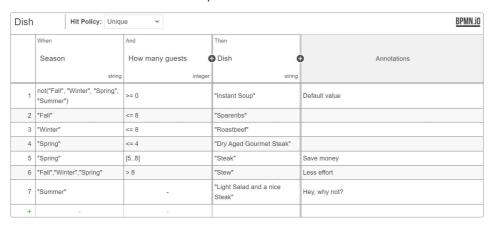
- 6. The **Then** cell is the output data. Double click on **Then** to set
- · the name to "Dish",
- the **Output Name** to "desiredDish" and
- the **Type** to "string".
 Click outside the pop-up to save and close the pop-up.



- 7. Click on the green plus icon on the left-hand side to add a row in the table.
- 8. Add the following rows and remember to write the input and output entries in quotation marks (""):

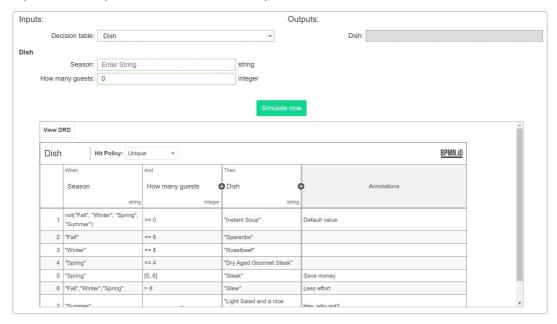


10. Add additional inputs by clicking on the plus • -icon between the **When** and **Then** columns. This will create the **And** input column.

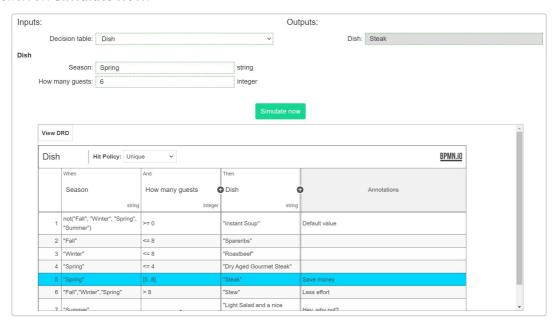


Simulate decision

Above your model, you are able to simulate your decision tables.



- 1. Choose the decision table that you want to simulate at **Decision table**.
- 2. As seen from the table, the decision table has two inputs. Type in a season under **Season** and a number under **How many guests**.
 - NOTE: Strings should not be written in quotation marks ("") here.
- 3. Click on Simulate now.



4. The row in the table that matches the input will be highlighted in blue and the **Output** will be shown under Outputs.