



Camunda DMN Package

Readme

Version 2.0.2

06/28/2020

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1. Introduction

This document contains all essential information for the user to make full use of this A2019 **Camunda DMN package**. It includes a description of the functions and capabilities and step-by-step procedures for setup & configuration of the A2019 **Camunda DMN Package**.

1.1 Overview

With the package actions you can build bots that execute complex business rules based on the DMN standard. It contains an embedded business rules engine based on the Camunda DMN engine v7.13.

1.2 Use cases

The key use cases include:

- Execute complex business rules
- No remote business rule engine or integration necessary, so faster execution
- Graphical design of business rules with the Camunda Modeler

2. Requirements & Prerequisites

2.1 System Requirements

- Enterprise A2019.13+
- Camunda Modeler <https://camunda.com/download/modeler/>

2.2 Prerequisites

- DMN model file or DMN code
- Familiar with DMN modeling

3. Getting Started

3.1 Quick Start

3.1.1 Setup

Import the A2019 Camunda DMN Package in the Control Room under Bots->Packages

3.1.2 Configuration and Use

The package contains the following command actions

DMN Engine

 Evaluate DMN Rules Code

 Evaluate DMN Rules File

Name	Description	Parameter	
Evaluate DMN Rules Code	Evaluate DMN Rules Code	Rule Set	Identifier of the rule set (Decision Id)
		Dictionary with input values	Input values, the data types String, Number and Boolean are supported
		DMN Code	XML DMN code, copied from the Camunda Modeler or a DMN file
		Rule Results	List of Strings with the rule execution result
Evaluate DMN Rules File	Evaluate DMN Rules in a Camunda DMN file	DMN File	XML file with the DMN rules created with the Camunda Modeler
		Dictionary with input values	Input values, the data types String, Number and Boolean are supported
		Rule Set	Identifier of the rule set (Decision Id)
		Rule Results	List of Strings with the rule execution result

3.1.3 Sample

Camunda Modeler

File Edit Window Help

Bot OrchestrationParallel.bpmn x rules.dmn x score.dmn x +

Scoring Decision Table

View DRD

Scoring

U	Input +		Output +	Annotation
	Income	Marital Status	Score	
	integer	string	string	
1	<1000	"married"	20	
2	<1000	"single"	10	
3	[1000..2000]	"married"	40	
4	[1000..2000]	"single"	30	
5	>2000	"married"	60	
6	>2000	"single"	50	
+	-	-		

Diagram | Scoring Decision Table | XML

DMN Decision Table in the Camunda Modeler

Automation Anywhere Enterprise

Control Room

Bots > My bots > Private > Edit Task Bot

A2019 Camunda DMN Package

Flow List Dual

Variables

Actions

- DMN Engine
 - Evaluate DMN Rules Code
 - Evaluate DMN Rules File
- DocuSign
- Email
- Error handler
- Excel advanced
- Excel basic
- File
- Folder
- Ftp/Sftp
- Fuzzy Match
- FuzzyAdvanced
- GoogleAPI
- IBM DB2
- IBM Watson
- IDCard
- If
- Image Recognition
- Interactive forms
- IQ Bot
- IQ Bot Advanced
- IQBotUtils
- JavaFX
- JavaScript

DMN Engine: Evaluate DMN Rule... (Reset) (Apply)

Evaluate DMN Rules in a Camunda DMN file

DMN File: Control Room file | Desktop file | Variable

Dictionary with input values

- Type: Number, Key: income, Value: ## 3000
- Type: String, Key: maritalstatus, Value: ## married

Rule Set: ## Scoring

Execute the rule set in the Bot

4. Support & FAQs

4.1 Support

Free bots are not officially supported. You can get access to Community Support through the following channels:

- You can get access to Community Support, connecting with other Automation Anywhere customers and developers on [APeople](#) – the [Bot Building Forum](#), the [Bot Store Support Forum](#), or the [Developers Everywhere Group](#).
- Automation Anywhere also provides a [Product Documentation portal](#) which can be accessed for more information about our products and guidance on [Enterprise A2019](#).

If you need support for the DMN Engine or Camunda Modeler, Camunda offers an Enterprise Edition, <https://camunda.com/enterprise>

4.2 FAQs

You find more information about Camunda , DMN and the Camunda Modeler here

<https://camunda.com/>

<https://camunda.com/products/#product-decision-engine>

<https://docs.camunda.org/manual/7.13/modeler/dmn/>

<https://docs.camunda.org/manual/7.13/reference/dmn/>

For questions relating to Enterprise A2019: See the [Enterprise A2019 FAQs](#).

Appendix A: Record of Changes

Instructions: Provide information on the version number, the date of the version, the author/owner of the version, and a brief description of the reason for creating the revised version.

No.	Version Number	Date of Change	Author	Notes
1	2.0.2	06/28/2020	Stefan Karsten	Initial version

Appendix B: References

No.	Topic	Reference Link
1	Overview of Enterprise A2019	Click here
2	Guidance: Building basic A2019 bots	Click here
3	Guidance: Building A2019 action packages	Click here
4	APeople Community Forum	Click here
5	Automation Anywhere University	Click here