



Designed and Developed by Jean J. Kachappilly

JeanJ_Kachappilly@infosys.com

1.Introduction

Metric Dictionary Generator is a handy tool to generate metric dictionary in Microsoft Excel format. It lists all the metric properties like formula, expression, condition etc. This metric dictionary can be used to document metrics, create migration list etc.

2.Software Requirements

The following are the software/environment required to run the tool.

1. JAVA Runtime Environment(JRE 7u51 or above). – Metric Dictionary Generator is coded in Java and hence it needs JAVA Runtime environment Version 7 Update 51 or above. You can download the JRE here - [Java SE Runtime Environment 7u51](#)
2. **MicroStrategy** Command Manager [™] - One must have Command Manager installed on the system where we are running the tool.

3 Tool Files

Unzip the Metric Dictionary Generator.zip file and place it a convenient location.

4. Procedure File

Place the METRIC_DICTIONARY.cmp procedure file in the user procedure folder of the command manager procedure outlines folder outlines. This folder can be found in the following location –

C:\Program Files (x86)\MicroStrategy\Command Manager\Outlines\Procedure_Outlines\User_Procedures

5. Executing the Metric Dictionary Tool

After placing the procedure file, come back to the unzipped folder and run the Metric Dictionary.jar java executable file

Following are the steps to execute the Metric Dictionary Generator Tool.

5.1 Instructions

Read the instructions given in the start of the tool and click proceed

5.2 Create the Metric Dictionary Excel

This section will create the metric dictionary xls into which the metric properties of the metrics will be written. There are three inputs in this screen

1.Metric Dictionary Excel Folder – Choose a folder where you want to build the metric dictionary. This folder will have all the files required for the tool.

2.Excel Name – Type in a name for the metric dictionary

3.Excel Sheet – Type in a name for the Excel sheet into which the properties needs to be written. Note: - **The name of the sheet should be a single word. This can contain underscore**

Click the Create Excel button and the excel with the specified name will be created in the path given. Click the next button.

5.3 Create the Script File(.scp file)

The script file will have the EXECUTE PROCEDURE statement. The script file will invoke the METRIC_DICTIONARY.cmp file. The script file will have 4 parameters viz

1.Metric Folder

2.Metric Path

3.Excel Sheet Name

4.Path of the Excel

The input fields for the screen are :-

MSTR Project: The name of the MSTR project in which metrics are present. Eg: Sales_POC

Metric Folder: The path of the Metric folder eg: \Public Objects\Metrics\Ty

Make sure the project name and path is correct. Click the Create SCP button. This will create the SCP file in the Metric Dictionary folder.

5.4 Create the Batch file(.bat file)

A batch file(.bat) is used to execute the CMDMGR process in the command manager folder.

The batch file will have the locations of the scp file and log file. The parameters for the batch file are as follows: -

1.MSTR I Server: - The name of the server on which the intelligent server is hosted. Eg: TVMATP254387D

2.MSTR Login : Login ID for MSTR desktop Eg: Jean

3.MSTR Password: MSTR desktop password

4..bat Path: - Path of the batch file. This has to exist in the command manager folder.

Note: This file needs to be placed in the folder where Command Manager is installed. Usually in this folder - C:\Program Files (x86)\MicroStrategy\Command Manager

After filling up the details click the Create Batch File button. The batch file will be created in the path specified and a log file will be created in the metric dictionary folder.

5.5 Generate Metric Dictionary

After creating the .bat file, click the Generate Metric Dictionary button. This will take some time and the batch file will execute the CMDMGR process in the background and call the METRIC_DICTIONARY.cmp file. A success message will be popped up once the metric dictionary has been created. In case of failure, please look into the log file in the metric dictionary to know the reason of the failure.