

m_utl_reg_table_meta.sas File Reference

Utilities

Utility macro to register a table or view in SAS metadata

Description

This macro can be used to register a table or view in SAS metadata, using the PROC METALIB procedure. This creates and updates SAS metadata in the SAS Metadata Repository to match the given data source.

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Version

21.1.01

Link

<https://github.com/paul-canals/toolbox>

Parameters

Input	help	Parameter, if set (Help or ?) to print the Help information in the log. In all other cases this parameter should be left out from the macro call.
Input	libnm	Parameter to specify the metadata library name or library reference name. The library name is checked against the SAS metadata repository to verify its existence, and to obtain the libref value. The default value for LIBNM is: <code>_NONE_</code> .
Input	tblnm	Parameter to specify the given table or view to be registered in SAS metadata. The default value for TBLNM is: <code>_NONE_</code> .
Input	folder	Optional. Parameter to specify the given output meta folder path in which the table TBLNM is to be created to. If a value is omitted, the table definition will be created in the same folder as the specified LIBNM library definition.
Input	match	Boolean [Y N] parameter to specify the report output contents. If MATCH is set to Y, than the report includes a list of tables whose metadata matches their data sources (that is, they require no metadata changes). By default, the report does not include a list of these matching tables, but it does include the number of matching tables. The default value for MATCH is: N.
Input	check	Boolean [Y N] parameter to specify whether only to check which changes that your request would make to the metadata before you commit to making those changes. If set to Y, the summary will be printed by setting the PRINT argument to Y. The default value for CHECK is: N.
Input	print	Boolean [Y N] parameter to generate the output by using proc report steps with style HtmlBlue. The default value for PRINT is: N.
Input	debug	Boolean [Y N] parameter to provide verbose mode information. The default value is: N.

Returns

- A dataset, table or view registered in SAS metadata.

Calls

- [m_utl_print_message.sas](#)
- [m_utl_print_mtrace.sas](#)

Usage

Example 1: Show help information:

```
%m_utl_reg_table_meta(?)
```

For the next examples create a view in library SASApp - SASDATA:

```
data SASDATA.class /view=SASDATA.class;  
  set SASHELP.class;  
run;
```

Example 2: Check if the SAS view CLASS is registered in metadata:

```
%m_utl_reg_table_meta(  
  libnm = SASApp - SASDATA  
  , tblnm = class  
  , match = Y  
  , check = Y  
  , debug = Y  
)
```

Example 3: Register the SAS view CLASS into user metadata folder:

```
%m_utl_reg_table_meta(  
  libnm = SASApp - SASDATA  
  , tblnm = class  
  , folder = /User Folders/&sysuserid./My Folder  
  , print = Y  
  , debug = Y  
)  
  
libname TMP meta liburi="SASLibrary?@name='SASAPP - SASDATA'";  
  
proc print data=TMP.class label noobs;  
run;  
  
libname TMP clear;
```

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