

m_utl_chk_table_exist.sas File Reference

Utilities

Utility macro to check if a table exists and can be opened

Description

The program checks if a table or dataset exists and can be opened for reading and/or writing. The result is returned inline. The valid RESULT values are:

RESULT = 1 -> Table exists and can be opened.

RESULT = 0 -> Table does not exist.

RESULT = -1 -> Table exists, but can not be opened.

Note

The SHOW_ERR parameter shows or suppresses possible warnings or errors in the SAS log output destination.

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Date

2021-01-09 00:00:00

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	intable	Full LIBNAME.TABLENAME name of the source table or SAS dataset. The default value is: _NONE_.
Input	show_err	Boolean [Y N] parameter to show or hide warnings or errors in the log. The default value is: Y.
Input	debug	Boolean [Y N] parameter to provide verbose mode information. The default value is: N.

Returns

- Result inline macro value.

Calls

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

Usage

Example 1: Show help information:

```
%m_utl_chk_table_exist(?)
```

Example 2: Table exists and can be opened (RESULT=1):

```
%let tableExist =  
    %m_utl_chk_table_exist(  
        intable = SASHELP.class  
        , show_err = Y  
        , debug   = Y  
    );  
  
%put &=tableExist.;
```

Example 3: Table does not exist (RESULT=0):

```
%let tableExist =  
    %m_utl_chk_table_exist(  
        intable = WORK.class  
        , show_err = Y  
        , debug   = Y  
    );  
  
%put &=tableExist.;
```

Example 4: Table exists, but can not be opened (RESULT=-1):

```
lock SASHELP.class;  
  
%let tableExist =  
    %m_utl_chk_table_exist(  
        intable = SASHELP.class  
        , show_err = Y  
        , debug   = Y  
    );  
  
%put &=tableExist.;
```

```
lock SASHELP.class clear;
```

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