m_utl_drop_column.sas File Reference

Utilities

Utility macro to drop a column from a table or dataset

Description

The macro tries to drop a column from an existing database table or SAS dataset. The column name is checked against the table or dasaset on its existance.

Note

In case of encrypted SAS datasets, the ENCRYPTKEY= parameter must be specified as part of the CREDS credentials string.

Autors

Paul Alexander Canals y Trocha (paul.canals@gmail.com)

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23.1.07

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	dblib	SAS dataset library or database libref name.
Input	dbtbl	SAS dataset or database table name.
Input	dbtyp	Indicator [DB2|ODBC|ORA|SAS] to specify the database type. The default value is: SAS.
Input	colnm	The column Name. The maximum length is 30.
Input	creds	String containing given database credentials containing user=, password=, path= or datasrc= and schema= information. The following order of parameters is to be respected for the macro to work correctly: DB2: user=, password=, path=, schema= ODBC: user=, password=, dsn=, schema= ORA: user=, password=, path=, schema= SAS: (Optional) encryptkey=
Input	print	Boolean [Y|N] parameter to generate the output by a proc report step with style HtmlBlue. The default value is: N.
Input	debug	Boolean [Y|N] parameter to provide verbose mode information. The default value is: N.

Returns

- A column dropped from an existing database table

Calls

- m_log_set_options.sas
- m_utl_print_message.sas
- m_utl_print_mtrace.sas
- m_utl_unique_number.sas

Usage

Example 1: Show help information:

```
%m_utl_drop_column(?)
```

Example 2: Drop a column from an encrypted SAS dataset:

```
data WORK.class(encrypt=aes encryptkey=aespasskey);
   set SASHELP.class;
run;

proc print data=WORK.class(encryptkey=aespasskey);
run;

%m_utl_drop_column(
   dblib = WORK
 , dbtbl = class
 , dbtyp = SAS
 , colnm = Weight
 , creds = %str(encryptkey=aespasskey)
 , debug = Y
   );

proc print data=WORK.class(encryptkey=aespasskey);
run;
```

Example 3: Drop a column from an Oracle table:

```
*libname ORADB oracle user=orademo pwd='ORApw123' path=XE schema=orademo;

*proc datasets lib=ORADB nolist nowarn;
*   delete class;
*quit;

*data ORADB.class;
*   set SASHELP.class;
*run;

*%m_utl_drop_column(
*   dblib = ORADB
* , dbtbl = CLASS
* , dbtyp = ORA
* , colnm = HEIGHT
* , creds = %str(user=orademo pwd=ORApw123 path=XE schema=orademo)
* , debug = Y
*   );
```

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