m_utl_get_max_value.sas File Reference

Utilities

Utility macro to obtain the maximum value of a table column

Description

The program is used to obtain the max value of a column in a table for both numeric and character type columns. When all of the values for the given column are missing, the macro returns RESULT=0 for numeric or RESULT= for character type columns.

Note

The output argument RESULT should be set to: %local result; in the program that calls the m_utl_get_max_value.sas macro.

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20.1.02

Link

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

Parameters

Input	help	Parameter, if set (or ?) to print the Help information in the log. In all other cases this parameter should be left out from the macro call.
Input	table	Full LIBNAME.TABLENAME name of the lookup table. The default value for TABLE is: _NONE_.
Input	column	Contains the name from which the maximum value is to be obtained. The default value for COLUMN is: _NONE_.
Output	result	Contains the macro variable name in which the result output is to be loaded. The default value for RESULT is: _MAX_VALUE_.
Input	debug	Boolean [Y|N] parameter to provide verbose mode information. The default value is: N.

Returns

- Maximum value for given table column: _MAX_VALUE_

Calls

- m_utl_print_message.sas

Usage

Example 1: Show help information:

```
%m_utl_get_max_value(?)
```

Example 2: Get the maximum value for AGE from SASHELP.class:

```
%let _max_age=;

%m_utl_get_max_value(
   table  = SASHELP.class
 , column = Age
 , result = _max_age
 , debug  = Y
   );

%put The maximum age in SASHELP.class is: &_max_age.;
```

Example 3: Get the maximum value for NAME from SASHELP.class:

```
%let _max_name=;

%m_utl_get_max_value(
   table = SASHELP.class
 , column = Name
 , result = _max_name
 , debug  = Y
   );

%put The highest name in SASHELP.class is: &_max_name.;
```

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