

m_utl_get_mvar_info.sas File Reference

Utilities

Utility macro to collect SAS session macro vars information

Description

This program collects the user session SAS macro variables information from the SAS dictionary tables. The result list can be filtered using scope, prefixes and/or wildcards.

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Version

21.1.10

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	scope	Optional. Indicator [AUTOMATIC GLOBAL] or left blank to determine scope of the macro variables.
Input	prefix	Optional. Specifies a textual string to filter the output returned by the dictionary tables.
Input	contains	Optional. Specifies a character search string to reduce the selected data libraries in the result to those having the contain parameter word value as part of the data library name.
Input	position	Optional. Indicator [START END] or left blank to determine where the parameter CONTAINS word value is positioned in the data library name.
Input	outlib	Specifies the LIBNAME name in which the output SAS datasets or database tables will be stored. The default value for OUTLIB is: _NONE_.
Input	debug	Boolean [Y N] parameter to provide verbose mode information. The default value is: N.

Returns

- WORK.mvar_info

Calls

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

Usage

Example 1: Show help information:

```
%m_utl_get_mvar_info(?)
```

Example 2: Get the global SAS macro list containing all variables:

```
%m_utl_get_mvar_info(  
    outlib = WORK  
    , debug = Y  
);
```

Example 3: Get the global SAS macro list containing only system variables:

```
%m_utl_get_mvar_info(  
    scope = AUTOMATIC  
    , outlib = WORK  
    , debug = Y  
);
```

Example 4: Get the global SAS macro list containing only global variables:

```
%m_utl_get_mvar_info(  
    scope = GLOBAL  
    , outlib = WORK  
    , debug = Y  
);
```

Example 5: Get the global SAS macro list with variable name prefix SYS:

```
%m_utl_get_mvar_info(  
    prefix = SYS  
    , outlib = WORK  
    , debug = Y  
);
```

Example 6: Get the global SAS macro list with macro variables ending with NAME::

```
%m_utl_get_mvar_info(  
    contains = NAME  
    , position = END  
    , outlib = WORK  
    , debug = Y  
);
```

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