m_hdr_crt_md_file.sas File Reference

Documentation

Header macro to generate a program or macro MD documentation

Description

The macro generates a Markdown formatted document containing program or macro information based on the header structure generated by the m_hdr_chk_structure.sas macro. The header needs to comply to the Doxygen command structure to be able to use this program. The following Doxygen program header commands are mandatory:
\\file
\\ingroup
\\brief
\\details
\\author
\\date
\\version
\\sa
\\param
\\return
\\calls
\\usage
\\example
The following Doxygen program header commands are optional:
\\note
\\todo
\\warning

Note

The \\param command is checked for valid suffices [in] and [out]. All other given suffix values will result as invalid.

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Version

21.1.04

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	in_file	FILEPATH/FILENAME[.sas]. Specifies the full path and file name of the source SAS program or macro for which the documentation is to be generated. The default value for IN_FILE is: _NONE_.
Input	out_file	Specifies the full qualified path and file name of the target output Markdown formatted document. The default value for OUT_FILE is: _NONE_.
Input	opt_lst	Optional. List [CMD1[CMD2..CMDn]] parameter that contains Doxygen header command statements which are valid if these are placed directly after the details header command section.
Input	doc_image	Optional. Specifies an image file name including a full or relative path. If an image file is set it will be located on top of the output MD file.
Input	keep_tbl	Optional. Boolean [Y|N] parameter to specify whether to keep the output document header and error SAS datasets to be used after this macro call. The default value for KEEP_TBL is: N.
Input	debug	Boolean [Y|N] parameter to provide verbose mode information. The default value is: N.

Returns

- SAS program or macro documentation in Markdown (MD) format.

Calls

- m_hdr_chk_structure.sas
- m_utl_create_dir.sas
- m_utl_get_userid.sas
- m_utl_nlobs.sas
- m_utl_print_message.sas
- m_utl_print_mtrace.sas
- m_utl_quote_elems.sas

Usage

Example 1: Show help information:

```
%m_hdr_crt_md_file(?)
```

Example 2: Create a macro Markdown documentation with default settings:

```
%m_hdr_crt_md_file(
   in_file  = %str(&APPL_PRGM./m_hdr_crt_md_file.sas)
 , out_file = %str(%sysfunc(getoption(WORK))/m_hdr_crt_md_file.md)
 , debug    = N
   )
```

Example 3: Create a macro Markdown documentation with optional settings:

```
%m_hdr_crt_md_file(
   in_file   = %str(&APPL_PRGM./m_hdr_crt_md_file.sas)
 , out_file  = %str(%sysfunc(getoption(WORK))/m_hdr_crt_md_file.md)
 , opt_lst   = %str(\note \todo \warning)
 , doc_image = %str(../misc/images/doc_banner.png)
 , debug     = N
   )
```

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