m_adm_compile_macros.sas File Reference

Admin

Admin macro to compile macros into a SAS macro catalog

Description

The macro lists all SAS macros from a selected directory and adds them into a SAS macro catalog using secured compilation. The result information is presented by a SAS Proc Report step and can be send by email as an PDF format attachment.

Note

All macros containing m_adm_compile or m_utl_mstore as prefix are excluded during the macro catalog compilation execution.

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Version

23.1.09

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	indir	Specifies the full path to the input directory containing the source SAS macro programs. The default value is: _NONE_.
Input	outdir	Specifies the full path to the output SAS macro catalog. The default value is: _NONE_.
Input	exclude	Optional. Specifies a chararter string to filter macros by name which should be excluded from the macro compilation.
Input	print	Boolean [Y|N] parameter to generate the output by a proc report step with style HtmlBlue. The default value is: Y.
Input	sendmail	Boolean [Y|N] parameter to decide if the result information list is to be send to email address. The default value is: N.
Input	mailaddr	Send to email address of private person or group.
Input	debug	Boolean [Y|N] parameter to provide verbose mode information. The default value is: N.

Returns

- WORK.USER_GROUPS

Calls

- m_utl_create_dir.sas
- m_utl_get_file_list.sas
- m_utl_mail_notification.sas
- m_utl_mstore_add.sas
- m_utl_mstore_view.sas
- m_utl_nlobs.sas
- m_utl_print_message.sas
- m_utl_print_mtrace.sas

Usage

Example 1: Show help information:

```
%m_adm_compile_macros(?)
```

Example 2: Compile macros to a catalog and print report result:

```
%m_adm_compile_macros(
   indir    = %str(&APPL_PRGM.)
 , outdir   = %sysfunc(getoption(WORK))/catalog
 , exclude  = m_test
 , print    = Y
 , debug    = Y
   );
```

Example 3: Compile macros to a catalog and send report by email:

```
%m_adm_compile_macros(
   indir    = %str(&APPL_PRGM.)
 , outdir   = %sysfunc(getoption(WORK))/catalog
 , exclude  = m_test_execute_scripts
 , sendmail = Y
 , mailaddr = %str(pact@hermes.local)
 , debug    = Y
   );
```

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