m_test_execute_scripts.sas File Reference

Testing

Testing macro to execute test scripts for programs or macros

Description

This program is used to create a list of all test scripts in a selected folder, and execute these in a sequential order.

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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	src_path	Specifies the full path and directory name where the executeable test scripts are stored. The default value for SRC_PATH is: _NONE_.
Input	log_path	Specifies the full path and directory name where the test script log files will be stored. The default value for SRC_PATH is: _NONE_.
Input	prefix	Optional. Specifies a textual string to filter the test script selection.
Input	contains	Optional. Specifies a character search string to reduce the selected test scripts to those having the contain parameter word value as part of the file name.
Input	position	Optional. indicator [START|END] or left blank to determine where the parameter CONTAINS word value is positioned in the file name.
Input	print	Boolean [Y|N] parameter to generate the output by using proc report steps with style HtmlBlue. The default value for PRINT is: N.
Input	sendmail	Boolean [Y|N] parameter to specify if a result summary document in PDF format will be send to one of more addresses defined by the MAILADDR parameter. The default value is: N.
Input	mailaddr	Specifies one or more email addresses to which notifications will be send to. In case of more than one email address, the parameter contains a list of email addresses seperated by a blank.
Input	debug	Boolean [Y|N] parameter to provide verbose mode information. The default value is: N.

Returns

- Result summary of the executed test scripts.

Calls

- m_utl_get_file_list.sas
- m_utl_nlobs.sas
- m_utl_ods_output.sas
- m_utl_print_message.sas
- m_utl_print_mtrace.sas
- m_utl_printto.sas

Usage

Example 1: Show help information:

```
%m_test_execute_scripts(?)
```

Example 2: Execute the Toolbox test scripts:

```
%m_test_execute_scripts(
   src_path = %str(&APPL_TEST.)
 , log_path = %str(%sysfunc(getoption(WORK)))
 , print    = Y
 , debug    = N
   );
```

Example 3: Execute test scripts and output report by email:

```
%m_test_execute_scripts(
   src_path = %str(&APPL_TEST.)
 , log_path = %str(%sysfunc(getoption(WORK)))
 , sendmail = Y
 , mailaddr = %str(pact@hermes.local)
 , debug    = N
   );
```

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