m_adm_sasautos_report.sas File Reference

Admin

Admin macro to create the SASAUTO macro members report

Description

The macro collects all SAS macro names from various directories and filerefs returned by the GETOPTION and PATHNAME (SASAUTOS) functions. It examines WORK.SASMACR, and other SASMACR catalogs returned by pathname(getoption(SASMSTORE)). The macro lists the .SAS files and catalog macro objects found within directories surfaced by:
getoption('sasautos') -> SASAUTOS altered by options statement
pathname('sasautos') -> SASAUTOS config file definition
filerefs/catalogs found within SASAUTOS definitions
pathname(getoption('sasmstore')) -> compiled macros.
This macro is originally based on the list_sasautos.sas macro from Harry Droogendyk (harry@stratia.ca) and enhancements made by Dave Prinsloo (dave.prinsloo@yahoo.com)

Note

Not every module found within these directories is necessarily a macro definition. Furthermore, this macro does NOT open files to verify the presence of the required "macro" statement.

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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	work_flg	Boolean [Y|N] parameter to show or hide macro entries from Work library macro catalogs in the result list. The default value is: Y.
Input	select	Indicator [_ALL_|COMP|DUP|NODUP] to filter the output result list. Valid selection values are: COMP for selecting only compiled macros, DUP for selecting only duplicates, NODUP for selecting all unique and active macros and finally _ALL_ to create a list of all existing macro members. The dafault value for SELECT is: _ALL_.
Input	print	Boolean [Y|N] parameter to generate the output by a proc report step with style HtmlBlue. The default value is: N.
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

- A list of all macro programs found on the system

Calls

- m_utl_mail_notification.sas
- m_utl_print_message.sas
- m_utl_print_mtrace.sas

Usage

Example 1: Show help information:

```
%m_adm_sasautos_report(?);
```

Example 2: Select all macros and create report list:

```
%m_adm_sasautos_report(
   work_flg    = Y
 , print       = Y
 , debug       = Y
   );
```

Example 3: Select compiled macros and create report:

```
%m_adm_sasautos_report(
   work_flg    = Y
 , select      = COMP
 , print       = Y
   );
```

Example 4: Select duplicate macros and create report:

```
%m_adm_sasautos_report(
   work_flg    = Y
 , select      = DUP
 , print       = Y
   );
```

Example 5: Select unique macros and send report by email:

```
%m_adm_sasautos_report(
   work_flg    = Y
 , select      = NODUP
 , sendmail    = Y
 , mailaddr    = %str(pact@hermes.local)
   );
```

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