

m_sys_job_wrapper.sas File Reference

System

System macro to encapsulate SAS DI-Job for batch processing

Description

The macro encapsulates a SAS DI-Job for execution and processing in batch. It collects run time information and creates a log with detailed information.

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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	job_path	Full path to the SAS DI-Jobs generated sas code.
Input	log_path	Full path to the SAS DI-Jobs log file directory.
Input	job_name	Job file Name, excluding the .SAS extention.
Input	global_flg	Boolean [Y N] Parameter to declare if the logfile variable is to be declared globally. The Default value is: N.
Output	mvar_name	Name of the global variable containing the logfile name and full path. The default value is: M_JOB_LOG.
Input	debug	Boolean [Y N] parameter to provide verbose mode information. The default value is: N.

Returns

- None

Calls

- [m_log_set_options.sas](#)
- [m_utl_print_message.sas](#)
- [m_utl_print_mtrace.sas](#)
- [m_utl_print_file.sas](#)
- [m_utl_printto.sas](#)
- [m_utl_unique_number.sas](#)

Usage

Example 1 - Step 1: Create an example job:

```
%let sascfg = %sysfunc(getoption(SASINITIALFOLDER));

filename tmp "&sascfg./../SASMeta/SASEnvironment/SASCode/Jobs/Hello_World.sas";
data _null_;
  file tmp mod;
  put '*Show in log:~';
  put '%put HELLO WORLD!~';
run;
```

Example 1 - Step 2: Run the example job:

```
%m_sys_job_wrapper(
  job_path    = &sascfg./../SASMeta/SASEnvironment/SASCode/Jobs
, log_path    = &sascfg./../SASMeta/SASEnvironment/SASCode/Logs
, job_name    = Hello_World
, global_flg  = Y
, mvar_name   = M_JOB_LOG
, debug       = N
);

%put LOG=&M_JOB_LOG.;
```

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