

m_sys_job_group.sas File Reference

System

System macro to run a chain of SAS DI-Jobs sequentially

Description

The macro runs a chain of SAS DI-Jobs sequentially for batch processing using a job wrapper for documenting the results and rerouting the log for each job.

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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_1-10	List of up to ten job files, excluding the .SAS file extension.
Input	limit	Indicator [0 4 99999] to specify if warnings or errors are allowed during runtime. Normally no errors or warnings are allowed (ERR_LIMIT = 0). If warnings are allowed, then set ERR_LIMIT = 4. If all is allowed, set the ERR_LIMIT to 99999. The default value for ERR_LIMIT is: 0.
Input	debug	Boolean [Y N] parameter to provide verbose mode information. The default value is: N.

Returns

- Group of SAS DI Jobs run in sequence

Calls

- [m_log_set_options.sas](#)
- [m_sys_job_wrapper.sas](#)
- [m_utl_print_message.sas](#)
- [m_utl_print_mtrace.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;
  put '*Show in log:~';
  put '%put HELLO WORLD!~';
  put 'data _null_~';
  put '  rc=sleep(2)~';
  put 'run~';
run;

filename tmp "&sascfg./../SASMeta/SASEnvironment/SASCode/Jobs/Goodbye_Job.sas";
data _null_;
  file tmp;
  put '*Show in log:~';
  put '%put Goodbye Job!~';
  put 'data _null_~';
  put '  rc=sleep(2)~';
  put 'run~';
run;

filename tmp clear;
```

Example 1 - Step 2: Run the example job group:

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

%m_sys_job_group(
  job_path = &sascfg./../SASMeta/SASEnvironment/SASCode/Jobs
, log_path = &sascfg./../SASMeta/SASEnvironment/SASCode/Logs
, job_1    = Hello_World
, job_2    = Goodbye_Job
, debug    = N
);
```

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