

m_utl_get_file_list.sas File Reference

Utilities

Utility macro to obtain file and sub directory tree information

Description

This program creates two tables containing file and directory structure information, including level to identify the number of sub directories below the root directory. If a file is write-locked the macro still produces a record into the FILE_LIST dataset and column LOCKED gets a value Y, but no file size, creation time or last modified date is set.

Note

This program is able to work in system environments where x-command or unix pipes are not allowed or cannot be used.

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Version

21.1.08

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	rootdir	Full path to the root directory for the file list.
Input	level	The of the current directory to the ROOTDIR.
Input	prefix	The added to the names of the output tables.
Input	subdirs	Boolean [Y N] parameter to specify if the file list includes files in sub folders under ROOTDIR. The default value for SUBDIRS is: N.
Input	finfo	Boolean [Y N] parameter to specify additional information to be added to the file list. This information includes the file size, the creation date and time, and the last modification date and time. The default value for FINFO is: N.
Input	print	Boolean [Y N] parameter to generate the output by a proc print step. The default value is: N.
Input	debug	Boolean [Y N] parameter to provide verbose mode information. The default value is: N.

Returns

- WORK.[SRC|PREFIX]_FILE_LIST
- WORK.[SRC|PREFIX]_FILE_LIST

Calls

- [m_log_set_options.sas](#)
- [m_utl_delete_file.sas](#)
- [m_utl_nlobs.sas](#)
- [m_utl_print_message.sas](#)
- [m_utl_print_mtrace.sas](#)
- [m_utl_printtto.sas](#)
- [m_utl_unique_number.sas](#)

Usage

Example 1: Show help information:

```
%m_utl_get_file_list(?)
```

Example 2: List files and dirs in current WORK directory:

```
%m_utl_get_file_list(  
    rootdir = %sysfunc(getoption(WORK))  
    , level  = 0  
    , prefix = src_  
    , subdirs = Y  
    , finfo  = Y  
    , print  = Y  
    , debug  = Y  
);
```

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