m_utl_copy_tree.sas File Reference

Utilities

Utility macro to copy a folder tree with files to a location

Description

This program works for almost all filetypes since it uses the SAS PROC COPY procedure for SAS data types and a byte-for-byte approach to copy all other file types. The macro is also able to copy empty directories.

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

20.1.02

Link

https://github.com/paul-canals/toolbox

Parameters

Input	help	Parameter, if set (or ?) to print the Help information in the log. In all other cases this parameter should be left out from the macro call.
Input	indir	Full path to the (root) directory to be copied from. The default value is: _NONE_.
Input	outdir	Full path to the (root) directory to be copied to.
Input	enckey	Optional. The encryption key, case when one or more input dataset are encrypted. The encryption key needs to be identical over the datasets.
Input	overwrite	Boolean [Y|N] parameter to decide if an existing copy is to be overwritten. The default value is: Y.
Input	subdirs	Boolean [Y|N] parameter to decide if the file list is to includes files in sub dir under ROOTDIR. The default value is: N.
Input	print	Boolean [Y|N] parameter to generate the output by a proc print step. The default value is: Y.
Input	debug	Boolean [Y|N] parameter to provide verbose mode information. The default value is: N.

Returns

- The result tables WORK.TRG_FILE_DIFF and WORK.TRG_FILE_LIST

Calls

- m_utl_copy_file.sas
- m_utl_copy_sas_file.sas
- m_utl_create_dir.sas
- m_utl_get_file_list.sas
- m_utl_print_message.sas

Usage

Example 1: Show help information:

```
%m_utl_copy_tree(?)
```

Example 2: Copy SASUSER files and directory tree:

```
%m_utl_copy_tree(
   indir     = %sysfunc(pathname(SASHOME))/SASFoundation/9.4/sastest
 , outdir    = %sysfunc(getoption(WORK))/backup
 , enckey    =
 , overwrite = Y
 , subdirs   = Y
 , print     = Y
 , debug     = Y
   );
```

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