m_adm_create_backup.sas File Reference

Admin

Admin macro to backup file system data in to a ZIP-archive

Description

The macro creates a compressed backup file of filesystem data directory and file structure into a ZIP format. The program contains print routines to display the list of files that are included in the compressed file (zip).

Autors

Paul Alexander Canals y Trocha (paul.canals@gmail.com)

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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	src_path	Full path to the directory on the filesystem that is to be copied.
Input	tmp_path	Optional. Full path to the directory on the filesystem where the directory structure and files are to be copied to. Default is WORK.
Input	tgt_path	Full path to the directory on the filesystem where the compressed file is to be copied to.
Input	tgt_file	Name of the compressed archive file, excluding the file extention.
Input	add_dttm	Boolean [Y|N] parameter to specify wether to append a suffix to the TGT_FILE name containing a timestamp value (format: yyyymmdd_hh_mm_ss). The default value for ADD_DTTM is: N.
Input	new_file	Boolean [Y|N] parameter to specify wether to overwrite, or append to an existing archive. The default value for NEW_FILE is: Y.
Input	enc_key	Optional. The encryption key to decrypt and re-encrypt the copy file.
Input	sendmail	Boolean [Y|N] parameter to decide if the result information list is to be send to email address. The default value for SENDMAIL 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

- WORK.TGT_FILE_LIST
- WORK.TGT_FILE_LIST
- WORK.TGT_FILE_LIST
- WORK.TGT_FILE_LIST
- WORK.TGT_FILE_LIST

Calls

- m_utl_copy_tree.sas
- m_utl_create_dir.sas
- m_utl_create_zip.sas
- m_utl_delete_tree.sas
- m_utl_mail_notification.sas
- m_utl_print_message.sas
- m_utl_print_mtrace.sas

Usage

Example 1: Show help information:

```
%m_adm_create_backup(?)
```

Example 2 - Step 1: Create a backup in sources.zip archive:

```
%m_adm_create_backup(
   src_path = &APPL_PRGM.
 , tgt_path = &APPL_BASE./backup
 , tgt_file = toolbox
 , debug    = N
   );
```

Example 2 - Step 2: Add to an existing backup archive:

```
%m_adm_create_backup(
   src_path  = &APPL_BASE./misc/scripts
 , tgt_path  = &APPL_BASE./backup
 , tgt_file  = toolbox
 , new_file  = N
 , debug     = N
   );
```

Example 3: Create a new backup and send it by email:

```
%m_adm_create_backup(
   src_path = &APPL_PRGM.
 , tgt_path = &APPL_BASE./backup
 , tgt_file = sasautos
 , add_dttm = Y
 , sendmail = N
 , mailaddr = %str(pact@hermes.local)
 , debug    = N
   );
```

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