m_utl_chk_file_exist.sas File Reference

Utilities

Utility macro to check if a file exists and can be opened

Description

The program checks if an external file exists and can be opened for reading and/or writing. The result is returned inline. The valid RESULT values are:
RESULT = 1 -> File exists and can be opened.
RESULT = 0 -> File does not exist.
RESULT = -1 -> File exists, but can not be opened.

Note

The SHOW_ERR parameter shows or suppresses possible warnings or errors in the SAS log output destination.

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Version

21.1.09

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	infile	Full path and file name of the external source file. The default value is: _NONE_.
Input	show_err	Boolean [Y|N] parameter to show or hide warnings or errors in the log. The default value is: Y.
Input	debug	Boolean [Y|N] parameter to provide verbose mode information. The default value is: N.

Returns

- Result inline macro value.

Calls

- m_utl_print_message.sas
- m_utl_print_mtrace.sas

Usage

Example 1: Show help information:

```
%m_utl_chk_file_exist(?)
```

Example 2: File exists and can be opened (RESULT=1):

```
%let fileExist =
   %m_utl_chk_file_exist(
      infile   = %sysget(sasroot)/sasv9.cfg
    , show_err = Y
    , debug    = Y
      );

%put &=fileExist.;
```

Example 3: File does not exist (RESULT=0):

```
%let fileExist =
   %m_utl_chk_file_exist(
      infile   = %sysget(sasroot)/sasv8.cfg
    , show_err = Y
    , debug    = Y
      );

%put &=fileExist.;
```

Example 4: File exists, but can not be opened (RESULT=-1):

```
%let fileExist =
   %m_utl_chk_file_exist(
      infile   = %sysfunc(getoption(WORK))/sasgopt.sas7bcat
    , show_err = Y
    , debug    = Y
      );

%put &=fileExist.;
```

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