

# 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.*

### Autors

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

### Date

2021-09-07 00:00:00

### 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: <code>_NONE_</code> .
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.;
```

## **Copyright**

Copyright 2008-2021 Paul Alexander Canals y Trocha.

This program is free software: you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation, either version 3 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program. If not, see <<https://www.gnu.org/licenses/>>.