m_utl_finfo_created.sas File Reference

Utilities

Utility macro to obtain the file creation timestamp

Description

The macro uses the SAS FINFO function to determine the creation timestamp of an external file.

Note

The FINFO function returns the value of a system-dependent information item for an external file that was previously opened and assigned a file-id by the SAS FOPEN function. The FINFO function returns a blank if the value given for info-item is invalid. This can be the case when the system has an other locale than the SAS default english language. The m_utl_finfo_created.sas macro routine however works system independent.

Autors

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

Date

2020-09-07 00:00:00

Version

20.1.09

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	file	Full qualified path and name. The default value is: _NONE_.
Input	fref	Optional. Name of the file reference. The default value is: MyFile.
Input	debug	Boolean [Y|N] parameter to provide verbose mode information. The default value is: N.

Returns

- Numerical value of the file creation date and time.

Calls

- m_utl_print_message.sas
- m_utl_print_mtrace.sas

Usage

Example 1: Show help information

```
%m_utl_finfo_created(?)
```

Example 2: Get the creation date from a SAS dataset:

```
data WORK.class;
   set SASHELP.class;
run;

%let filename=%sysfunc(getoption(WORK))/class.sas7bdat;

%let created=
   %m_utl_finfo_created(
      file  = &filename.
    , debug = Y
       );

%put Creation time of %scan(&filename,-1,/\) is &created.;
```

Copyright

Copyright 2008-2020 Paul Alexander Canals y Trocha.