

# m\_utl\_delete\_tree.sas File Reference

## Utilities

Utility macro to delete a given directory, files and sub dirs

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### Description

This program recursively deletes the given directory, files and optionally any child directories. If failed, an error message will be thrown in the log and the run is terminated.

### 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	path	Full to the (root) directory to be deleted. The default value is: <code>_NONE_</code> .
Input	subdirs	Boolean [Y N] parameter to decide if the files and sub dirs under PATH are to be deleted too. 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

- Recursively deleted files and directories

## Calls

- [m\\_util\\_delete\\_dir.sas](#)
- [m\\_util\\_delete\\_file.sas](#)
- [m\\_util\\_get\\_file\\_list.sas](#)
- [m\\_util\\_print\\_message.sas](#)

## Usage

Example 1: Show help information:

```
%m_utl_delete_tree(?)
```

Example 2: Delete all files and dirs from a given path directory:

```
options dcreatedir;
libname TEMP "%sysfunc(getoption(WORK))/tmpdir";
libname TEMP clear;

filename text1 "%sysfunc(getoption(WORK))/tmpdir/delete_1.txt";

data _null_;
    file text1;
    put "file to be deleted";
run;

filename text1 clear;

filename text2 "%sysfunc(getoption(WORK))/tmpdir/delete_2.txt";

data _null_;
    file text2;
    put "file to be deleted";
run;

filename text2 clear;

libname TEMP "%sysfunc(getoption(WORK))/tmpdir/subdir";
libname TEMP clear;

filename text3 "%sysfunc(getoption(WORK))/tmpdir/subdir/delete_3.txt";

data _null_;
    file text3;
    put "file to be deleted";
run;

filename text3 clear;

%m_utl_delete_tree(
    path      = %sysfunc(getoption(WORK))/tmpdir
    , subdirs  = Y
    , print    = Y
    , debug    = Y
    );
```

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