

```
%macro md_workinfo(
    debug          = N
    ,_workdata      = WORK_DATASETS_DATA
    ,_workview      = WORK_DATASETS_VIEW
    ,mprinttoggle   = mprint_setting
    ,libname        =
    ,wdlm           =
) / store source des='V1.0.0.2' ;
```

```
*****
*****
```

```
* FILENAME:      MD_WORKINFO.SAS
* DEVELOPER:      (b) (6)
* PLATFORM:      SAS 9.1.3, 9.2 on PC
*
```

```
* MACROS USED: None
* ASSUMPTIONS: When WDLM is provided, the global macro variables will not be used
by Macro MD_CLEAN_AND_RESET
*
```

```
* DESCRIPTION:
* 1. Captures current options value of MPRINT and places it in global macro
variable MPRINTTOGGLE
* 2. If DEBUG parameter is to Y, MPRINT options will be turned on
* 3. Creates list of data sets and data views found within a provided LIBREF
(Default is WORK)
* and places the lists into respective global macro variables
*
```

```
* USAGE NOTES:
* %md_clean_and_reset(
*     debug          = &debug
*     ,_workdata      = %str(&WORK_DATASETS_DATA &out_data)
*     ,_workview      = %str(&WORK_DATASETS_VIEW)
*     ,resetmprint    = &mprint_setting
* )
*
```

```
* PARAMETERS:
* DEBUG          = N (Default), Deletes all data sets/views except those passed
into macro paramters:
*                 _WORKDATA and _WORKVIEW
* _WORKDATA      = name of global macro variable to contain list of WORK data sets
to be saved (not deleted)
* _WORKVIEW      = name of global macro variable to contain list of WORK data
views to be saved (not deleted)
* RESETMPRINT    = MPRINT Option Setting to set in this macro
* LIBNAME        = name of previously defined libref that will be searched.
*                 The parameter value should be a single unquoted token.
*                 If the value of the LIBNAME parameter is null (DEFAULT) then
reset the parameter value to WORK.
* WDLM           = Delimiter token to be used to separate the list of data sets
```

and/or data views in provided LIBREF.

```
*****
* DATE          INITIALS    MODIFICATION DESCRIPTION
*****
*
*****
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*****
*****;
```

```
%global &_amp;workdata &_amp;workview &_amp;mprinttoggle ;
```

```
%* -- Get current setting of mprint;
%let &_amp;mprinttoggle = %sysfunc(getoption(mprint));
```

```
%* -- If DEBUG mode turn mprint on ***;
%if %bquote(&debug) ne %str( ) %then %let debug = %upcase(%substr(&debug,1,1));
%if %bquote(&debug) = Y %then %do;
    options mprint;
%end;
```

```
%* -- Force default if paramters are blanked out ;
```

```
%if %bquote(&_amp;workdata) = %str( ) %then %let &_amp;workdata = WORK_DATASETS_DATA;
%if %bquote(&_amp;workview) = %str( ) %then %let &_amp;workview = WORK_DATASETS_VIEW;
```

```
%* -- Get a list of the datasets in the WORK library before starting to enable
cleanup at the end of this macro ***;
```

```
proc sql noprint;
```

```
    %if %bquote(&libname) = %str( ) %then %let libname = WORK;
    %else                                     %let libname = %upcase(&libname);
    %if %bquote(&wdlm) = %str( ) %then %let wdlm = %str( );
```

```
select MEMNAME
    into :&_workdata separated by "&wdlm"
    from sashelp.VTABLE
    where LIBNAME = "&libname"
        and MEMTYPE = 'DATA'
    ;
```

```
select MEMNAME
    into :&_workview separated by "&wdlm"
    from sashelp.VTABLE
    where LIBNAME = "&libname"
        and MEMTYPE = 'VIEW'
    ;
```

```
quit;

%if %bquote(&debug) = Y %then %do;
    %*put Work Data Sets: &&&_workdata;
    %*put Work Data Views: &&&_workview;
%end;
%mend md_workinfo;
```