Changes and Enhancements

Version 7 Changes and Enhancements for All Operating Environments

This section describes the features of the SAS Macro Language that have been implemented or enhanced since Release 6.12. If you use SAS software in an OS/390, CMS, or OpenVMS VAX environment, then also see “Additional Changes and Enhancements for OS/390, CMS, and OpenVMS VAX” on page vi.

Automatic Macro Variables

The following automatic macro variables are available in all operating environments.

SYSCC
contains the current condition code that SAS returns to your operating environment (the operating environment condition code).

SYSCHARWIDTH
contains the character width value.

SYSDATE9
contains a SAS date value in DATE9. format, which displays a two-digit date, the first three letters of the month name, and a four-digit year.

SYSDMG
contains a return code that reflects an action taken on a damaged data set.

SYSPROCESSID
contains the process ID of the current SAS process.

SYSPROCESSNAME
contains the process name of the current SAS process.

SYSSTARTID
contains the identification number that was generated by the last STARTSAS statement.

SYSSTARTNAME
contains the process name that was generated by the last STARTSAS statement.
SYSUSERID contains the user ID or login of the current SAS process.

Additional Changes and Enhancements for OS/390, CMS, and OpenVMS VAX

For OS/390 (MVS), CMS, and OpenVMS VAX, the last changes and enhancements to the SAS macro language were made in the 6.09 Enhanced Release. Some changes and enhancements that were implemented for other operating environments in the 6.10, 6.11, and 6.12 releases were not implemented for OS/390, CMS, and OpenVMS VAX until Version 7. This section describes those additional features.

Macro Statement
The following new macro statement invokes a SAS CALL routine:
%SYSCALL

Macro Functions
The following macro functions are new:
%SYSEVALF evaluates arithmetic and logical expressions using floating-point arithmetic.
%SYSFUNC and %QSYSFUNC execute SAS functions or user-written functions.