

SAS/C[®] Cross-Platform Software Release 6.50 Windows NT[®] and Windows[®] 95

Please Read Before Beginning Installation

Introduction

Alert Notes list problems that you need to be aware of before installing or using this software. Should you need assistance with the software, we ask that only the SAS/C Installation Representative or SAS/C Support Consultant call our Technical Support Division. Sites in the U.S. and Canada may call (919) 677-8008. Other sites should contact their SAS/C Installation Representative or SAS/C Support Consultant for the nearest SAS Institute office.

- **Installing SAS/C Cross-Platform Software, Release 6.50.04 on a system with a previously installed release of SAS/C Cross-Platform Software requires special consideration.**

During the installation process, environment variables and system registry entries will be modified. These changes will impact any previously installed releases of SAS/C Cross-Platform Software. If Release 6.50.04 is going to be installed on a system with an existing release, Release 6.50.04 **must** be installed into a unique directory.

Refer to the sections **Background** and **Setting the Active Release of the SAS/C Cross-Platform Compiler** for a description of the steps required to alternate between releases of the SAS/C Cross-Platform Compiler.

Background

The InstallShield installation process updates several environment variables and optionally updates system registry entries. If the system contains an existing release of SAS/C Cross-Platform Software, the environment variable changes may be unexpected and will affect existing build mechanisms. We recommend that you uninstall the previous release of SAS/C Cross-Platform Software before proceeding with the new installation. The procedures to uninstall the product are documented in the online help application named `Sashelp.exe`.

However, if the development environment requires multiple releases of SAS/C Cross-Platform Software for Windows NT and Windows 95 to reside on the same system, there are several steps that may be completed. These steps allow you to optionally select which release of the SAS/C Cross-Platform Compiler will be used during build processing.

The InstallShield install/uninstall process uses a file named `SASC.iisu` to allow correct de-installation of SAS/C Cross-Platform Software. For this reason, you should install Release 6.50.04 into a unique directory. If you install Release 6.50.04 over an existing earlier release, the InstallShield uninstall process will not execute correctly.

Setting the Active Release of the SAS/C Cross-Platform Compiler

The following information lists methods that may be used to alternate between releases of SAS/C Cross-Platform Software when two or more releases exist on the same system.

The steps listed below assume the SAS/C Cross-Platform Compilers are already successfully installed on the system. These steps are only to select which release of the SAS/C Cross-Platform Compiler will be active.

The recommended method is to rerun the `Setup.exe` program, which is distributed with the Release 6.50.04 installation CD-ROM. There are two steps to this process: Executing `Setup.exe` and Updating the Registry.

1. In the `Choose Destination Location` window, modify the `Destination Folder` name to reflect the release you want to set active, for example `SASC6504`.
2. In the `Setup Type` window, select `Custom`.
3. In the `Select Components` window, deselect all of the components.
4. In the `Microsoft IDE Customization` window, select `Yes` if SAS/C Cross-Platform Software is integrated into Microsoft Visual Studio.
5. Proceed with the remainder of the `Setup.exe` program.
6. Upon completion of the `Setup.exe` program, there is one registry item that needs to be modified. Run the `regedit.exe` program, select `HKEY_LOCAL_MACHINE`, select `SOFTWARE`, select `SAS Institute Inc`, and then select the `SAS C/C++ Cross-Platform Compiler` folder. There will be a folder with the release number that is active, for example, `6.50.03` or `6.50.04`. Rename this folder to match the release that you are setting active.

If the installation CD-ROM is not available, the changes may be made manually. We recommend that only System Administrators make these changes. There are two steps to this process: Changing the Environment Variables and Modifying the System Registry.

1. SAS/C Cross-Platform Compilers use several environment variables during execution. The environment variables are `PATH`, `SASCDEV`, and `SASCINCLUDE`. To select which release of the SAS/C Cross-Platform Compiler will be active, modify the environment variables as follows.
 - *Windows NT*: Select `MyComputer`, select `Properties`, and then select the `Environment` tab. Select `PATH`, `SASCDEV`, and `SASCINCLUDE` and modify the values to reflect the installation location of the desired release.
 - *Windows 95*: Edit the `Autoexec.bat` file using the `sysedit.exe` program and locate `PATH`, `SASCDEV`, and `SASCINCLUDE`. Modify the values to reflect the installation location of the desired release.
 2. Integration into the Microsoft Visual Studio is accomplished by updating the system registry. The instructions for updating the system registry are contained in the `Sashelp.exe` program. Search the help dialogs for "Registry" and then perform the steps listed for the version of Microsoft Visual Studio that is being integrated.
- **When compiling from Windows, the built-in `fmin` or `fmax` function may return an incorrect result when all arguments are constant.**

To correct the problem, replace the existing `LC2.exe` file (which was installed into the `C:\ProgramFiles\SASC650x\host\wnt\bin` directory, where `SASC650x` is the release level at which you originally installed the product) by downloading a new `LC2.exe` file from the SAS Institute Web site at:

<http://www.sas.com/download>

Select the `SAS/C Cross-Platform Software` link under `Additional Products` from SAS Institute. The release of the compiler associated with this new `LC2.exe` file is 6.50.06.

- **During a file open operation on MVS, a sequential or partitioned data set *may* be deleted without warning.**

This erroneous data set deletion only occurs if a file open failure has been diagnosed. SAS/C Usage Note Library-C1893 documents this problem and can be found at:

<http://www.sas.com/service/techsup/unotes/C/1893.html>

To correct the problem, contact SAS/C technical support for assistance in applying Zap Z6501893.

After installing SAS/C Cross-Platform Software for Windows NT and Windows 95, you may want to review the maintenance available for any SAS/C Cross-Platform products you installed. Maintenance for these products is available on SAS Institute's Web site. The Web site is located at:

<http://www.sas.com/download>

Select the SAS/C Cross-Platform Software link under Additional Products from SAS Institute.

If you need additional assistance, please contact our Technical Support Division at (919) 677-8008 between 9:00 a.m. and 5:00 p.m., Eastern Time. We regret any inconvenience this problem may have caused. Thank you for choosing SAS/C software.

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