

Applying the SAS[®] System SETINIT in the OS/2[®] Environment for All Releases of Version 8

The SAS System is authorized on an annual basis. In order to run each software product you must apply a Product Authorization code provided by SAS Institute Inc. This authorization code resides in the `SETINIT.SAS` file. The installation process copies the `SETINIT.SAS` file to the `!SASROOT\CORE\SASINST` subdirectory. When you install the SAS System, the SETINIT information is used to initialize the software for the current authorization period.

You must update your SETINIT in the following circumstances:

- the authorization period has expired in the `SETINIT.SAS` file on the installation media
- the authorization has expired in your currently installed SAS System
- when you authorization new or additional products of the SAS System

This new `SETINIT.SAS` is sent to the SAS Installation Representative at your site. This information is usually provided on a diskette. You need this new SETINIT to update your Product Authorization information. If you are the SAS Installation Representative at your site, and you have not received a new SETINIT since renewing your Product Authorization, contact the Contracts Division at SAS Institute at (919) 677-8003.

You should update your SETINIT by executing the SIUPDATE program using one of the following methods:

- using the Update SAS V8 Product Authorization Information icon
- during installation of the SAS System
- executing from the command line

Updating Your SAS SETINIT during Installation of the SAS System

The installation process, SAS Setup, copies the `SETINIT.SAS` file into the `!SASROOT/CORE/SASINST` directory. (The `SETINIT.SAS` file can also be found on the installation media). If the `SETINIT.SAS` file appears correct to the SAS Setup program, the Product Authorization update is executed automatically during the installation process. If the SAS Setup program determines the `SETINIT.SAS` file is merely a template file, the utility allows you to specify a directory path containing a valid Product Authorization file to run. (Template files are often sent to non-US customers to enable them to customize their `SETINIT.SAS` file with correct information.) If you get such a message, follow the editing procedure outlined in "Using the Update SAS V8 Product Authorization Information Icon."

Using the Update SAS V8 Product Authorization Information Icon

During installation of the Core product of Version 8 of the SAS System, the Update SAS V8 Product Authorization Information program icon was created in the program folder you selected (the default program folder name is The SAS System).

This new Version 8 program icon simplifies the authorization process for the SAS System. Use the Update SAS V8 Product Authorization Information icon when renewing your license in the following situations:

- after adding new products
- when renewing your SAS System Version 8 Product Authorization before it expires
- when renewing your SAS System Version 8 Product Authorization after it expires.

Double-click on the Update SAS V8 Product Authorization Information to invoke the SETINIT.SAS program.

The SAS System has a built-in 60-day grace period that begins the day after your Product Authorization expires. This grace period provides extra operating time so that the SAS Installation Representative at your site can renew the Product Authorization through the Customer Service Department at SAS Institute. During the grace period, warning messages appear in the log, but your SAS System will still be functional. Once the grace period expires, the SAS System cannot be invoked until the SETINIT has been updated.

Note: You should only use the Update SAS V8 Product Authorization Information icon if the expiration date in your updated SETINIT.SAS file is past the current date. See the section “Executing from the Command Line” later in this appendix if your expiration date in your SETINIT.SAS file contains a date that is past the current date.

SAS Setup uses the SASV8.CFG file to determine the location of the SASROOT and SASFOLDER system variables. After providing the directory where the SASV8.CFG file is located, select OK. You will then be asked to verify the SASROOT and SASFOLDER locations.

SASROOT is the location of SAS.EXE for the SAS installation that you are updating. SASFOLDER is the working folder of your installed SAS System, and must be the same as what is stored in your SASV8.CFG file.

Select F1 or the Help button to receive online help during the install. Select OK to continue updating the SAS Product Authorization information, or Cancel to exit SIUPDATE.

Verify that this is the correct location for the SASROOT. SAS Setup uses the CORE directory when updating the SAS Product Authorization, so SAS.EXE must be in this directory. SASROOT is the location of SAS.EXE for the SAS installation that you are updating.

Select OK to continue updating the SAS authorization information, or Cancel to exit SIUPDATE.

Next verify the location of the SASFOLDER. The SASFOLDER is the working folder of your installed SAS System, and must be the same as what is stored in your SASV8.CFG file.

Select **OK** to continue updating the SAS authorization information, **Back** to return to the previous screen, or **Cancel** to exit SIUPDATE.

Once you have supplied the installation location of the Core SAS product, indicate whether or not your updated (new) `SETINIT.SAS` file is located on the network/diskette.

Select **Yes** if your new `SETINIT.SAS` is located on a network drive or on diskette. If your `SETINIT.SAS` file is on paper and not on diskette or accessible via the network, select **No**. You will be asked if you want to manually correct your existing `SETINIT.SAS` file.

If you have selected **YES**, indicating the `SETINIT.SAS` is located on a network drive or diskette, provide the directory where your updated `SETINIT.SAS` file is located and select **OK**. The SAS Product Authorization will be updated.

Alternatively, if you have selected **NO**, indicating the updated `SETINIT.SAS` is on paper, you should now select **YES** that you would like to manually edit the `SETINIT.SAS` file that resides in the `!SASROOT\core\sasinst` directory. Selecting **No** in this dialog will end the SIUPDATE program and the SAS Product Authorization will not be applied.

Executing from the Command Line

You can update your Product Authorization information from the command line in one of two ways:

- Execute `SIUPDATE` from the command line:

Invoke the `SIUPDATE.EXE` program from the `!SASROOT\CORE\SASINST` subdirectory. This will take you through the same routine as the `Update SAS V8 Product Authorization Information` icon does to update the `SETINIT`.

- Execute `SAS` from the command line to run the `SETINIT.SAS` file interactively:

Invoke the SAS System and include the `SETINIT.SAS` file in the program editor by clicking your right mouse button and then select `File...Open...Read`. Type in the full path and name of the `SETINIT.SAS` file as shown in the following example and then select **OK**:

```
C:\SAS\CORE\SASINST\SETINIT.SAS
```

Note: This example assumes the SAS System was installed on `C:\SAS` and that command lines are turned off. If command lines are turned on, the right mouse button will work and you must issue the include command as shown in the following example:

```
inc 'C:\SAS\CORE\SASINST\SETINIT.SAS'
```

Make all the appropriate changes according to your paper SETINIT and then submit the program by pressing the F8 key or by typing SUBMIT on the command line. If there are differences between the SETINIT information that is displayed, and the paper SETINIT, the following errors are displayed in the LOG file:

```
Error: Incorrect information was entered for the password.
```

Recall the SETINIT.SAS file by pressing the F4 key, or by typing RECALL on the command line. Check each line to ensure that the information displayed in the program editor matches the paper SETINIT exactly.

- If your Product Authorization has expired, you can invoke SAS from the command line with special options that will allow the SETINIT to be applied.

```
c:\sas\sas.exe -sysin c:\sas\core\sasinst\setinit.sas -setinit -noautoexec
```

Authorization Process Problems

If the SIUPDATE.EXE encounters problems applying the new updated setinit, a window is displayed. Select **Yes** to review the error log. The SAS SETINIT.SAS program launches the default system editor to review the error log. Select **No** to bypass review of the error logs.

For More Information

If you need more information about applying your SETINIT, refer to *SAS Companion for the OS/2 Environment* that is included on the SAS OnlineDoc™ CD-ROM.

If you have questions about your SETINIT data, please call our Customer Service Department at (919) 677-8003 between 9:00 a.m. and 8:00 p.m. Eastern Standard Time.

If you encounter problems applying your SETINIT, please call our Technical Support Division at (919) 677-8008 between 9:00 a.m. and 8:00 p.m. Eastern Standard Time. Ask the Technical Receptionist for a PC consultant. Please have your site number ready when you call.

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