

Applying the SAS® System SETINIT in the Microsoft Windows Environment

The SAS System is licensed on an annual basis. In order to run each software product you license from SAS Institute, current licensing information must be maintained. This information 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 licensing period.

You must update your SETINIT when:

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

Updating your license requires new SETINIT information which is sent to the SAS Representative at your site. This information is sometimes referred to as a *paper SETINIT*. You need this paper SETINIT to update your licensing information. If you are the SAS Representative at your site, and you have not received a new SETINIT since renewing your license, 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 License Information icon
- during installation of the SAS System
- executing from the command line.

Using the Update License Information Icon

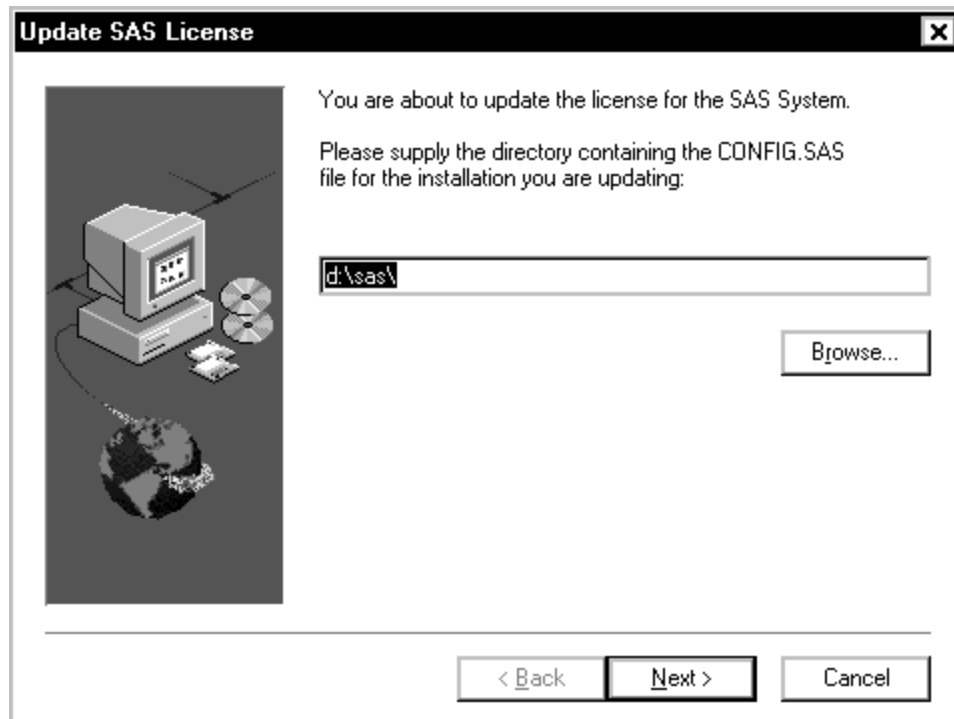
During the installation of the Core component of Release 6.12 of the SAS System, the `Update SAS License Information` program icon was created in either the Program Folder you selected, or on the `Start|Programs` button for Explorer interfaced platforms. The default Program Folder is *The SAS System*.

The SAS System has a built-in 60 day grace period that begins the day after your license expires. This grace period provides extra operating time so that the SAS Representative at your site can renew the license through the Technical Support Division at SAS Institute. During the grace period, warning messages may appear when updating your license information, but your SAS System will still be functional. Once the grace period expires, the SAS System cannot be invoked until the license information has been updated.

If your SAS System Version 6.12 license has expired, use the `Update SAS License Information` icon to reapply the `setinit.sas` file to reinitialize the SAS System to your new licensing period. You can do this provided the expiration date in your updated `setinit.sas` file is past the current date. If the expiration date is prior to the current date (i.e. your SAS System is licensed on a trial basis), you cannot use the `Update SAS License Information` icon to apply the `setinit`; you must apply the `setinit` manually. See the section, "Executing from the Command Line," in this appendix for more information.

Note: You should only use the `Update SAS License Information` icon if the expiration date in your `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.

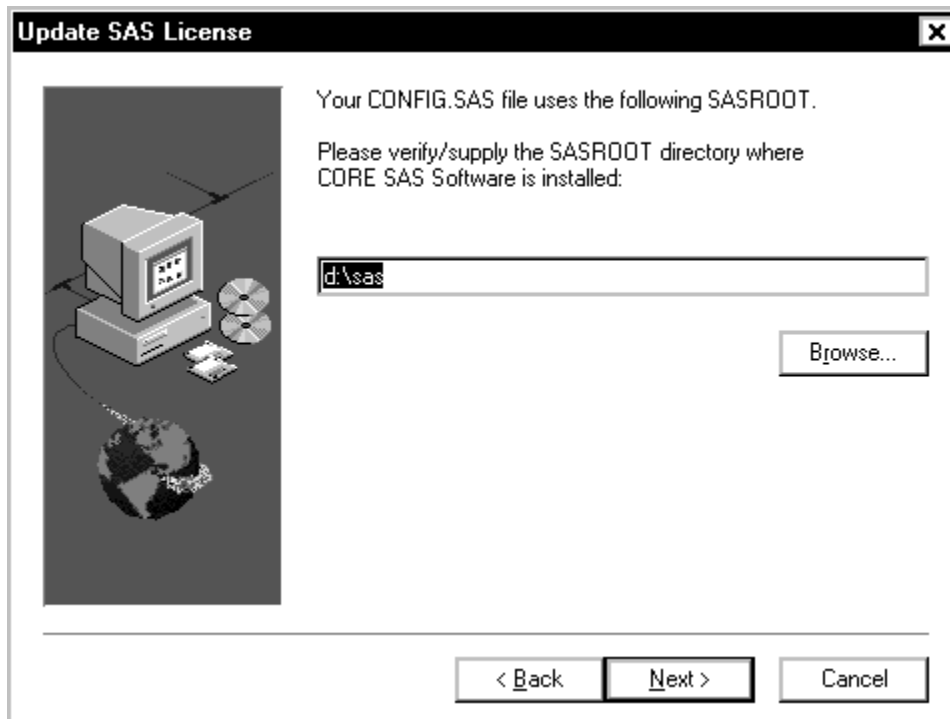
Double-click on the `Update SAS License Information` icon to invoke the licensing program. The following window is displayed:



SAS Setup uses the `CONFIG.SAS` file to determine the location of the `SASROOT` and `SASFOLDER` system variables. After providing the directory where the `CONFIG.SAS` file is located, select `Next`. 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 `CONFIG.SAS` file.

Select `F1` or the `Help` button to receive online help during the install. Select `Next` to continue updating the SAS license information, or `Cancel` to exit `Siupdate`.



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

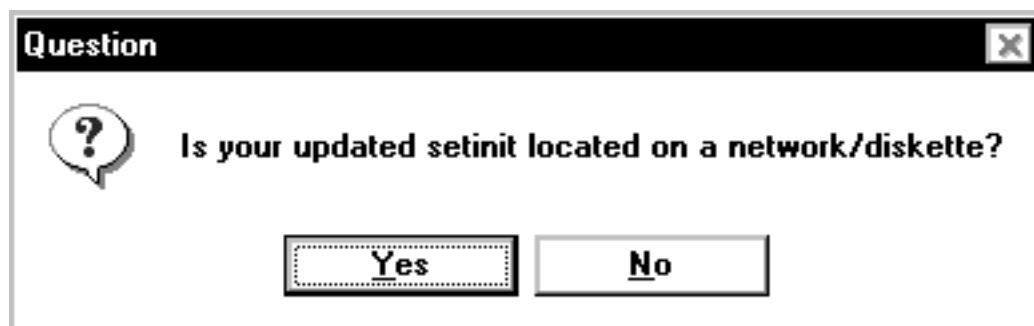
Select **Next** to continue updating the SAS license information, **Back** to return to the previous screen, or **Cancel** to exit Siupdate.



Verify that this is the correct location for the SASFOLDER. SASFOLDER is the working folder of your installed SAS System, and must be the same as what is stored in your CONFIG.SAS file.

Select **Next** to continue updating the SAS license 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 as shown in the window below:

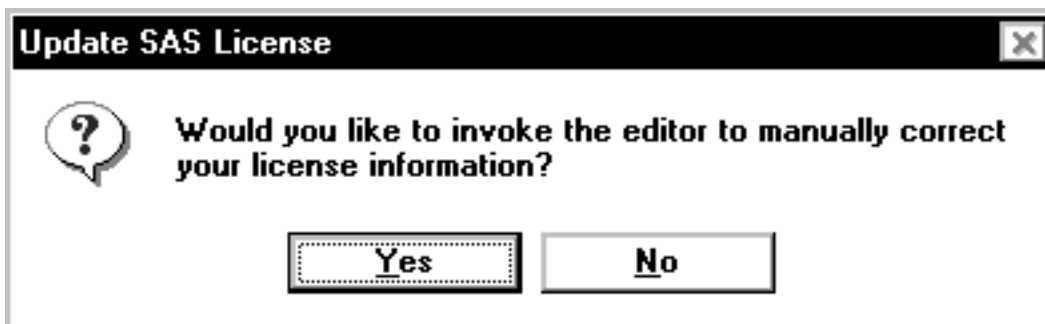


Select **Yes** if your new `SETINIT.SAS` is located on a network drive or on diskette. If your `SETINIT.SAS` file is on paper and not on diskette or accessible via the network, select **No**. You will be asked if you want to manually correct your existing `SETINIT.SAS` file.



If your new `SETINIT.SAS` is located on a network drive or diskette, provide the directory where your updated `SETINIT.SAS` file is located and select `Next`. Your SAS license will be updated.

If your new `SETINIT` file is not accessible on the network or diskette, select `Back` to return to the previous dialog. Select `No` on this question dialog so that you will be given the opportunity to edit the license information.



Select `Yes` if you would like to manually edit the `SETINIT.SAS` file that resides in the `!SASROOT\core\sasinst` directory. If you select `No`, `Siupdate` will end and the SAS license will not be updated.

Updating Your SAS SETINIT During Installation of the SAS System

The installation process, SAS System 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 license update is executed automatically during the installation process. If the SAS Setup program determines the `SETINIT.SAS` file is expired or invalid, Setup allows you to specify a directory path containing valid license information to apply. (Expired files are often sent to non-U.S. customers to enable them to customize their `SETINIT.SAS` file with correct information while installing the SAS System).

Executing From the Command Line

You can update your licensing 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 License 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.

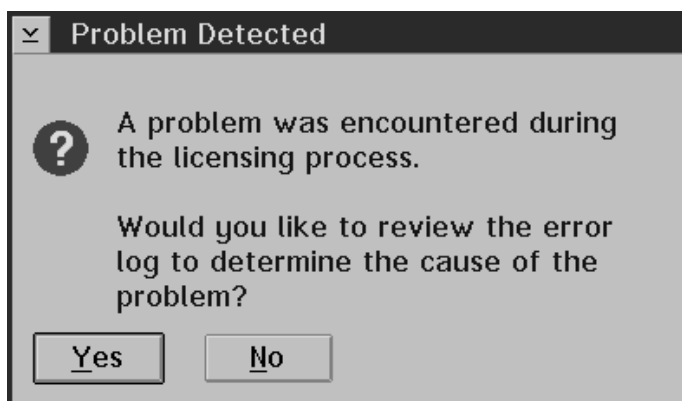
- If your license has expired, manually invoke SAS with special options that will allow the `SETINIT` to be applied.

1. Start Windows in enhanced mode, or have Windows 95 or Windows NT running.
2. To invoke the SAS System using the Windows 95 style taskbar, select `Start` and then `Run`. If you are using the Windows Program Manager, select `File` and then `Run`.
3. Type the following:

```
<source_drive:>\sas\sas.exe_setinit  
-sysin c:\setinit.sas_config <source_drive:>\sas\config.sas
```

Licensing Process Problems

If the SAS licensing process encounters problems applying the new updated `setinit`, the following window is displayed:



Select `Yes` to review the error log. The SAS licensing 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 Microsoft Windows Environment, Version 6, First Edition*.

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 Windows consultant. Please have your site number ready when you call.