



APPENDIX

2

Tools for the System Administrator

The Utilities Directory 319

Installing Manual Pages 319

Utilities in the /bin Directory 320

The Utilities Directory

The **!SASROOT/utilities** directory contains two subdirectories

man	contains the online manual pages for the SAS System. “Installing Manual Pages” on page 319 describes how to make these pages accessible to users through the UNIX man command.
bin	contains the executable files for administrative tools. “Utilities in the /bin Directory” on page 320 describes some of the tools in this directory.

Installing Manual Pages

To be able to read these manual pages in the **utilities/man** directory, move these files to the **man1** subdirectory of the location of the other **man** files for your system. This location is usually **/usr/man** or **/usr/local/man**. Execute the **man man** command to determine the appropriate pathname for your system. When you have found the correct pathname, use the following command to move the SAS **man** files:

```
cp sasroot/utilities/man/* pathname/man1
```

where *pathname* is the directory location of your system man files.

For example, the following command enables you to access online help by moving the SAS **man** files from the **sasroot** directory to the **man1** file in your system’s **man** directory.

```
cp /usr/local/sas8/utilities/man/* /usr/local/man/man1
```

After you have issued this command, you can access online help with the **man sas** command.

Utilities in the /bin Directory

Table A2.1 on page 320 briefly describes some of the tools in the `utilities/bin` directory. You can also use the `man` command for information on these utilities. You will need ROOT permissions to execute these commands.

Table A2.1 System Administrator's Tools

Tool Name	Function
<code>cleanwork</code>	deletes any leftover WORK directories whose associated SAS process has terminated.
<code>patchname</code>	resets the name of the <code>sasroot</code> directory in the specified executable file.

cleanwork

Deletes any leftover WORK directories whose associated SAS process has ended

Syntax

`cleanwork` *directory*

directory

names the directory containing the WORK directories. The name must match the name specified in the WORK system option. That directory is set to `/usr/tmp` (in the installed `sasv8.cfg` file).

Details

The `cleanwork` command deletes any directories that were assigned to the WORK data library during execution of a SAS job. `cleanwork` will not delete a directory if another process happens to have the same PID as the SAS job that created it.

Also, `cleanwork` should not be used across NFS or in a directory used for SASWORK across NFS.

See Also

- “WORK Data Library” on page 95

patchname

Resets the name of the `sasroot` directory in the specified executable file

Syntax

patchname *filepath sasroot-dir-path*

filepath

specifies the absolute pathname of the file in which to set the **sasroot** directory.

sasroot-dir-path

specifies the absolute pathname of the new **sasroot** directory.

Details

The **patchname** command resets the name of the **sasroot** directory in the specified executable file to the specified directory. When you install the SAS System, the installation program uses **patchname** to write the name of the sasroot directory to the file that needs this information: the executable file containing the **sas** command. If you change the **sasroot** directory, you must use **patchname** to alter this file.

The correct bibliographic citation for this manual is as follows: SAS Institute Inc., *SAS® Companion for UNIX Environments, Version 8*, Cary, NC: SAS Institute Inc., 1999.

SAS® Companion for UNIX Environments, Version 8

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ISBN 1-58025-502-7

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SAS Institute Inc., SAS Campus Drive, Cary, North Carolina 27513.

1st printing, October 1999

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