SAS University Edition: Help Center
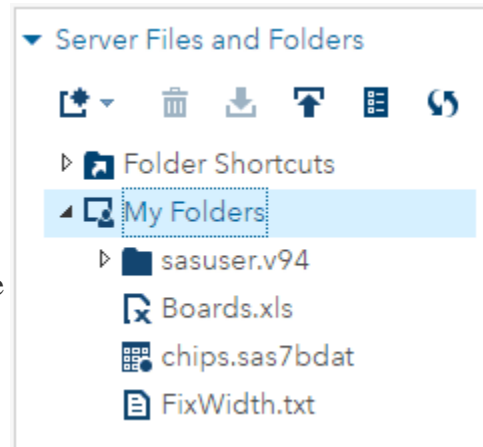
How do I reference SAS data from within a SAS program?

You can access SAS content from within a SAS program by using your `myfolders` folder or by using folder shortcuts. Remember that directory paths and filenames are case sensitive. You must also always use "/" in the directory path and enclose any directory paths that contain a macro variable in double quotation marks.

In SAS Studio, you can view your data and results from the navigation pane, as shown in this screenshot.

To access this SAS content from within a SAS program, use these guidelines:

- To access content from **My Folders**, use `/folders/myfolders/filename`. If you are running the SAS University Edition vApp using VirtualBox, VMware Workstation Player, VMware Fusion, or VMware Player, **My Folders** is the location of the default shared folder for your virtualization software. To use a file in SAS University Edition on Amazon Web Services Marketplace, you must upload the file via SAS Studio.
- To access content from a folder shortcut (which is a shortcut to directories on your local computer), use `/folders/myshortcuts/folder-name`. If you are running the SAS University Edition vApp using VirtualBox, VMware Workstation Player, VMware Fusion, or VMware Player, these folder shortcuts must be defined as additional shared folders in your virtualization software.
- Always use '/' in the directory path, even in Windows operating environments.
- Enclose any directory paths that contain a macro variable in double quotation marks (").
- Directory paths and filenames are case sensitive.

In SAS Studio, some code snippets might use a hardcoded path for file references. Before saving your work, verify that the directory path is correct for your program.

Solution

Re: how to use own data in SAS university edition

Hi:
  There are 2 ways to "map" your C: drive:
1) direct (copy files into a specific physical location)
2) shortcut (define a nickname/alias for a physical location to be used as a shortcut)
  Both ways involve setup options in your Virtual Machine instructions, as follows:
1) direct method: You make a physical folder on your system called SASUniversityEdition and under that folder, you make a subfolder called myfolders. For example, on Windows, this location would be:
c:\SASUniversityEdition\myfolders the Unix equivalent of that location would be /folders/myfolders (note the Unix slashes. So if you have a subdirectory under /myfolders like this:
c:\SASUniversityEdition\myfolders\wombat then the Unix equivalent of that location would be /folders/myfolders/wombat
AND, if the wombat subdirectory had a file named sse.ret.dat, then
c:\SASUniversityEdition\myfolders\wombat\sse.ret.dat would translate to:
INFILE '/folders/myfolders/wombat/sse.ret.dat';
as described here: https://communities.sas.com/message/218581#218581 (about importing Excel files) and here about creating a library https://communities.sas.com/message/222449#222449 and using INFILE statements. Method 1 requires you to MOVE or COPY your files or CREATE your files in the folder location that has been defined to your Virtual Machine as a shared folder location.
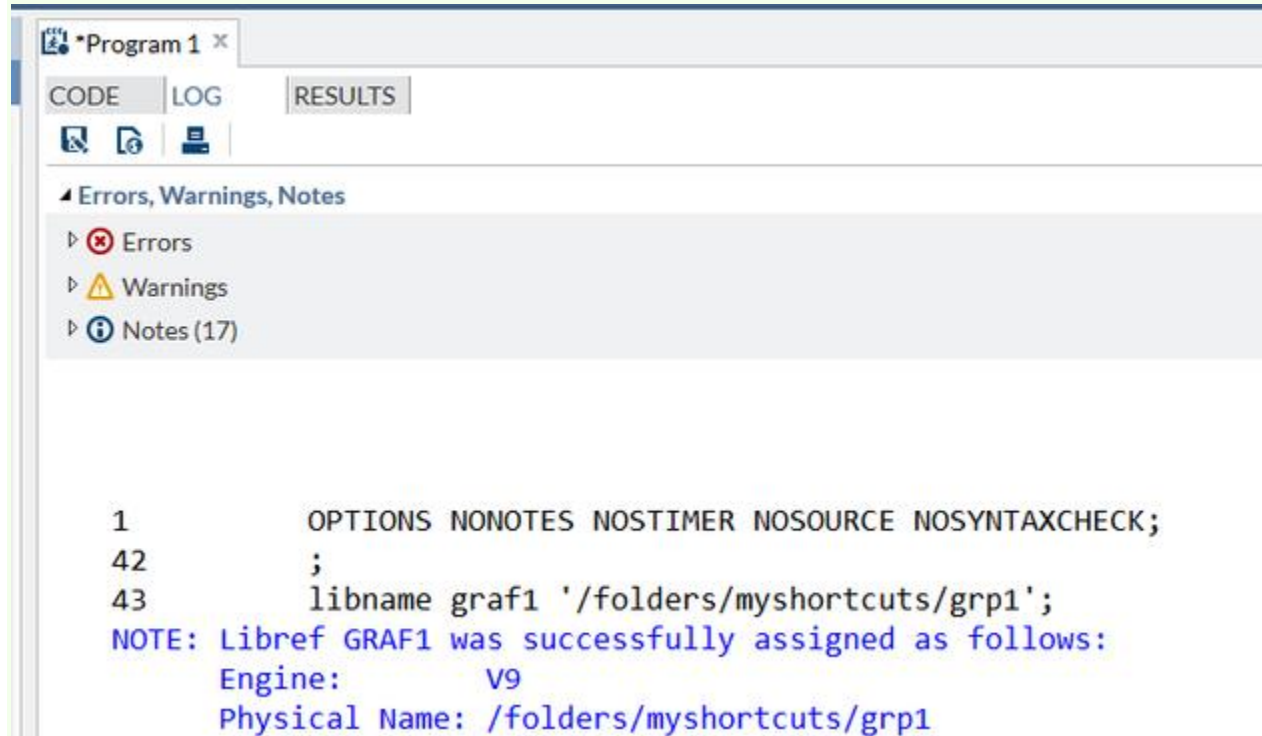2) The #2 method involves shortcuts. My recommendation is that you master setting up the #1 method before moving to the #2 method. You have the same issues with Unix slashes and a slightly different naming convention. And, you still have to do setup in your Virtual Machine to make the shortcut (or indirect) method work. The direction for Folder Shortcuts is here: How do I create a folder shortcut to my existing SAS files? and an example of code is shown below in #2 screen shot.

So the way that #2 works, is that you follow the instructions to define a shortcut in your Virtual Machine software and then you use a /folders/myshortcuts location as shown in the attached 3 screen shots. If you set up a SHORTCUT in your virtual machine of "fred" that pointed to the physical location of c:\something\other\xyz\ and you had your sse.ret.dat in that "fred" location, then your INFILE statement would be:
INFILE '/folders/myshortcuts/fred/sse.ret.dat';
   In either case, you CANNOT use a C: drive location in the SAS University Edition, because you have a box (3) in a box (2) in a box (1)...and Box #1 is your computer (Windows or Mac) and Box #2 is your Virtualization software (either Virtual Box or VMware Player) and Box #3 is the Linux virtual machine that has SAS University Edition installed. The bottom line is that Box #3 (UE) has no visibility of the physical drives on Box #1 (your computer) unless you define them in Box #2 (the Virtual Machine software/player).

cynthia

*Program 1 ×

CODE   LOG   RESULTS

▲ Errors, Warnings, Notes

▷ ⊗ Errors
▷ ⚠ Warnings
▷ ⓘ Notes (17)

```
1            OPTIONS NONOTES NOSTIMER NOSOURCE NOSYNTAXCHECK;
42           ;
43           libname graf1 '/folders/myshortcuts/grp1';
NOTE: Libref GRAF1 was successfully assigned as follows:
      Engine:        V9
      Physical Name: /folders/myshortcuts/grp1
```