
Installation Instructions for JMP Genomics 4.1 for SAS 9.2

These instructions briefly describe the process for installing JMP Genomics 4.1 on your Windows desktop machine. Your software may be delivered either on DVD media or, electronically, over the internet.

Description of Your Packages

Electronic Delivery

If your site has elected to receive JMP Genomics 4.1 electronically, your license administrator will receive an email containing a link to the **SAS Download Manager**. The email will also list your site's order number, an installation key code specific to this order and contact information for SAS Technical support. The **SAS Download Manager** application must be downloaded by the administrator and used to generate a local SAS Software Depot before JMP Genomics 4.1 can be installed.

DVD Delivery

If your site elects to receive JMP Genomics 4.1 by DVD, your license administrator will receive an installation package containing three DVDs. The DVDs contain both your software and the **SAS Download Manager**. The package also includes an information sheet listing your order number, an installation key code specific to your order and contact information for SAS Technical support.

How to Proceed

Before you install any software, complete the following steps:

- ☞ Terminate all non-essential applications.
- ☞ If the SAS Job Spawner is running as a service, it must be disabled.
- ☞ Disable any anti-virus software that may be running.
- ☞ Determine the version of the Windows operating system you are using and whether you are installing JMP Genomics on a 32 bit or 64 bit machine.

Electronic Delivery

📧 Open the email containing your order information.

Your order information, install key and other information is displayed at the top of the email.

Your order information:

Order number:		
SAS installation key:		
Date:	January 11, 2010	
Space Required for Depot:	8.8GB	
SAS Installation Representative	E-mail address	Tech Support Site Number
<i>Your Name</i>	<i>Your email address</i>	70076455 70076456

Information for Tech Support site 70076455:

Site name:	SAS INTERNAL JMPSI.NA.SAS.COM.
Tech support site number:	70076455
Contracts site number:	556308
Order type:	Basic
Operating system:	Microsoft® Windows® Workstation 32-bit
Product:	SAS 9.2, Rev. 920_09w51
Product(s) Ordered	
Base SAS	
JMP Genomics	
SAS Enterprise Guide	

Information for Tech Support site 70076456:

Site name:	SAS INTERNAL JMPSI.NA.SAS.COM.
Tech support site number:	70076456
Contracts site number:	556310
Order type:	Basic
Operating system:	Microsoft® Windows® Workstation 32-bit
Product:	JMP 8.0.2, Rev. 920_09w51
Product(s) Ordered	
JMP for Genomics	

Step 1: Install the SAS Download Manger Application

📧 Instructions for downloading and installing the SAS Download Manager and your software are listed at the bottom of the email.

1 Download and install the SAS Download Manager.

If you have already downloaded and installed the SAS Download Manager for another order, skip to step 2.

The SAS Download Manager is the application you must use to download your software. From the following link, identify the appropriate operating system where you will be downloading your SAS software and click **Request Download**.

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

You will be required to register with the SAS support site if you are not registered already. Then log in to the site to begin the download process.

SAS recommends that you retrieve a copy of the readme file on this page as well, since it contains the instructions for executing this application on your operating system.

2 Download your SAS software using the SAS Download Manager.

When you are ready to begin downloading your software, follow the instructions in the readme file from the download site to start the SAS Download Manager. When prompted, provide the following information to the SAS Download Manager:

- **Order number:** 528132
- **SAS installation key:** CVD6-F89S-PJ81

When the SAS Download Manager has completed, it will have created a SAS Software Depot in the location you indicated in the SAS Download Manager dialogs. In addition, the installation process creates a `depotsummary.html` document at the root of your SAS Software Depot that describes the contents of the depot.

3 Install SAS software that requires additional instructions and/or any required third-party software.

Some software orders contain SAS software that requires additional instructions and/or third-party software that must be installed before SAS software is installed. If present in your software order, both types of software are listed in the `ordersummary.html` file in your SAS Software Depot at

- Windows: `\install_doc\528132\ordersummary.html`
- UNIX or z/OS: `/install_doc/528132/ordersummary.html`

Review the `ordersummary.html` file for SAS software that requires additional instructions and/or third-party software.

- If your order contains alternate or supplemental installation instructions for certain products, these products are listed with a pathname to their installation instructions.
- If your order contains third-party software that is not installed as part of the standard process, these products are listed in the "Third-Party Software" section of the `ordersummary.html`.

For both types of software, follow each listed link and use the documentation for its installation.

4 Install your SAS software.

In order to begin your SAS installation, perform the following steps according to the operating system you are installing on


- Windows: Execute `setup.exe` on Windows.
- UNIX: Execute `setup.sh` (use the SAS installation ID, not root).
- OpenVMS on HP Integrity: Follow the procedures in the *QuickStart Guide to Your SAS Electronic Software Delivery Installation*. The location of the *QuickStart Guide* is described below.
- z/OS: If you have X11 server availability, execute `setup.zxxx` from the SAS Software Depot under UNIX System Services. If you do not have X11 server availability, execute `linemode.zxxx` for an interactive installation.

🔗 Click the link in step 1 of the e-mailed instructions to open the download window in your web browser.

SAS Download Manager 1.42 (06Jan2010)

SAS Download Manager 1.42 (06Jan2010) is listed by platform in the table below. Selecting the *Request Download* button will allow you to see the license terms and download SAS Download Manager.

SAS Download Manager 1.42 (06Jan2010)				
Platforms	Size	Release Date	README Formats	
Windows	83 MB	2010-01	pdf, txt	Request Download
Linux	73 MB	2010-01	pdf, txt	Request Download
64-Bit Enabled Solaris	84 MB	2010-01	pdf, txt	Request Download
64-bit enabled AIX	101 MB	2010-01	pdf, txt	Request Download
Linux for x64	73 MB	2010-01	pdf, txt	Request Download
HP-UX IPF	180 MB	2010-01	pdf, txt	Request Download
64-bit enabled HP-UX	115 MB	2010-01	pdf, txt	Request Download
Solaris for x64	71 MB	2010-01	pdf, txt	Request Download
Microsoft Windows for 64-Bit Itanium-based Systems	71 MB	2010-01	pdf, txt	Request Download
Microsoft Windows for x64	83 MB	2010-01	pdf, txt	Request Download
Macintosh	13 MB	2010-01	pdf, txt	Request Download
OpenVMS on HP Integrity	80 MB	2010-01	pdf, txt	Request Download
z/OS	11 MB	2010-01	pdf, txt	Request Download

To view PDF files, you need the free Adobe Acrobat Reader


- ☞ Select your Windows platform. For this example, we choose Windows.
- ☞ Click **Request Download** to go to the Log-In page.

support.sas.com | KNOWLEDGE BASE | SUPPORT | LEARNING CENTER | COMMUNITY

SUPPORT / DOWNLOADS & HOT FIXES

Return to Main Page | Report Software Downloads Problems

SAS Download Manager > System Dependencies > License Agreement (Please Register)

Please Register...

For security and ease of download, we require that you log in before proceeding with any downloads. Please refer to the [SAS Privacy Statement](#) regarding the use of this information. You may Register Now in the *Log in* area to the right.

You are not currently logged in.

Already have a profile? Sign in here:

E-mail:

Password:

Keep me logged in at this computer

LOG IN

[Forgot your password?](#)

[Not registered yet? Sign up now.](#)

- ☞ If you already have registered a SAS User Profile, type in your email address and your password and click **Log In**.
- ☞ If you have not registered a SAS User Profile, you must do so now. Click **Sign Up Now** to register. Registration is free.

The license agreement for the SAS Download Manager is displayed.

The screenshot shows the SAS support website interface. At the top, there is a search bar and navigation links for 'support.sas.com', 'KNOWLEDGE BASE', 'SUPPORT', 'LEARNING CENTER', and 'COMMUNITY'. The main heading is 'SUPPORT / DOWNLOADS & HOT FIXES'. Below this, there are links for 'Return to Main Page' and 'Report Software Downloads Problems'. The breadcrumb trail is 'SAS Download Manager > System Dependencies > License Agreement'. The main content area is titled 'SAS Institute Inc. License Agreement for Corrective Code or Additional Functionality'. It contains several paragraphs of legal text regarding the terms of use, export restrictions, and source code. At the bottom of the text area, there are two buttons: 'I Accept' and 'Do Not Accept'.

☞ Please read the agreement and click **I Accept**.

1. Click on the download button in the following table to download the desired file.

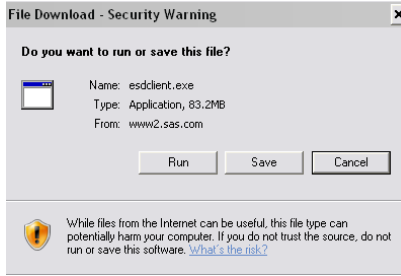
Description	File Name	Release Date	Size	README Formats	
SAS Download Manager 1.42	esdclient.exe	2010-01	83 MB	pdf, txt	Download

To view PDF files, you need the free Adobe Acrobat Reader



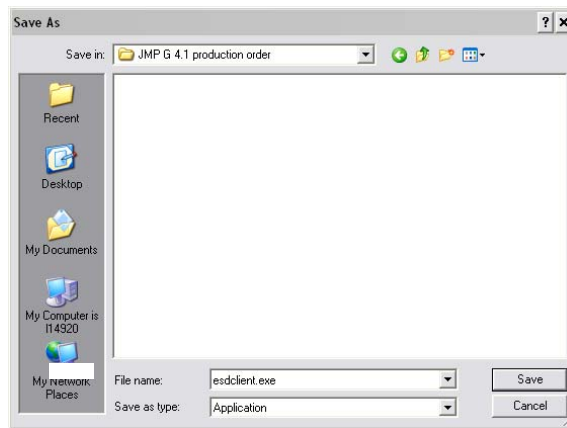
2. Create a subdirectory in your root or home directory. Double-click on the self-extracting file, `esdclient.exe`, to install the files.

☞ Click **Download** to download the SAS Download Manger.



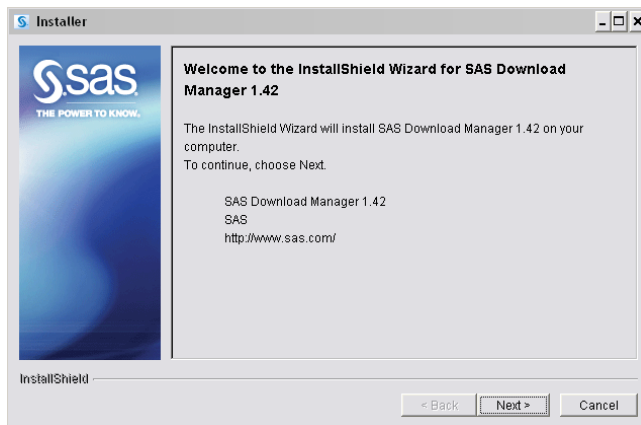
☞ Click **Save**.

☞ Create a directory in which to save the downloaded executable.

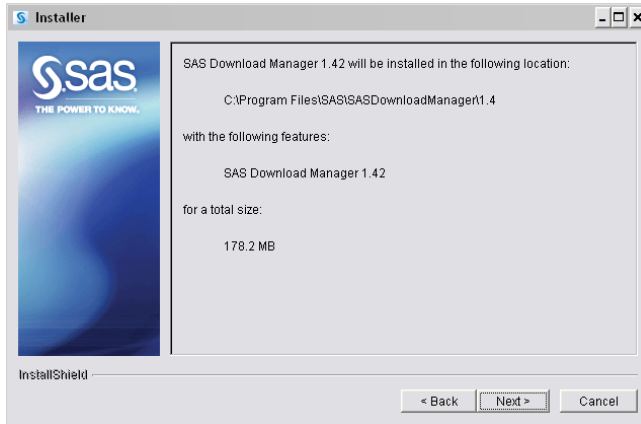


☞ Click **Save**.

☞ Navigate to the folder and double click on the self-extracting esdclient.exe file to extract the files and open the InstallShield wizard.



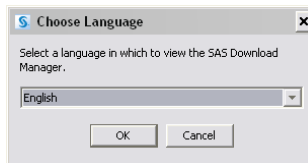
☞ Click **Next**.



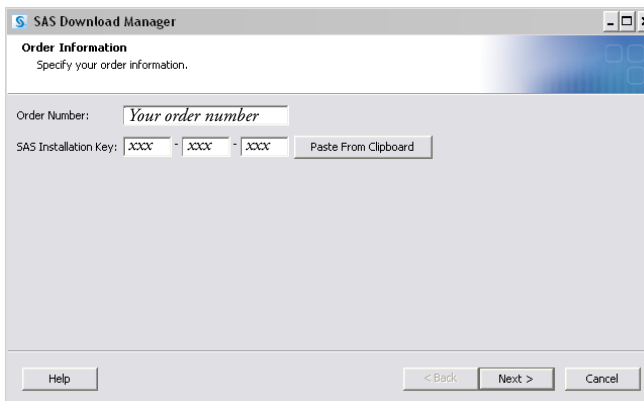
☞ Click **Next**.



☞ Click **Finish** to complete the installation.

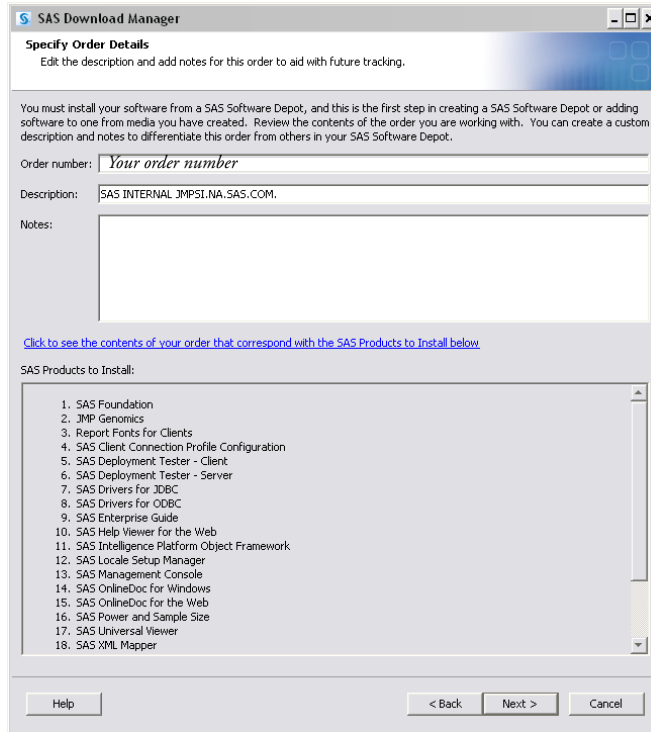


☞ Select the language you wish to view the SAS Download Manager to display and click **OK**.

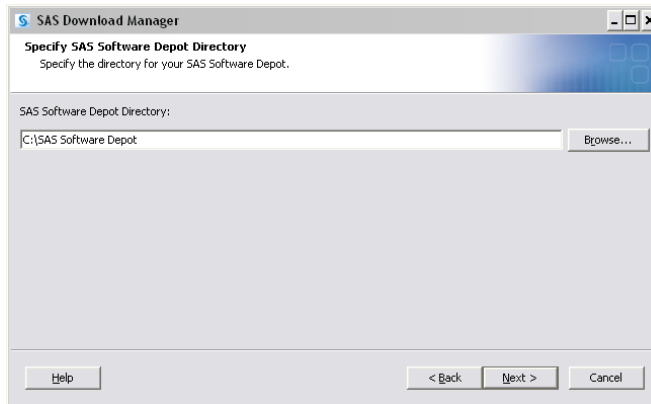


☞ Make sure the order number and installation key are entered in the spaces.

☞ Click **Next**.

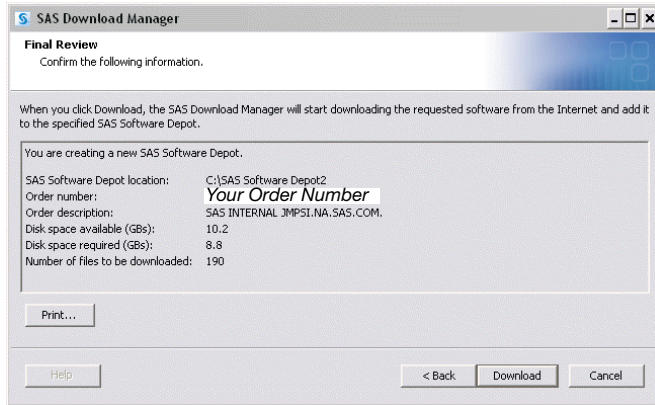


☞ Review the SAS products to be installed and click **Next**.



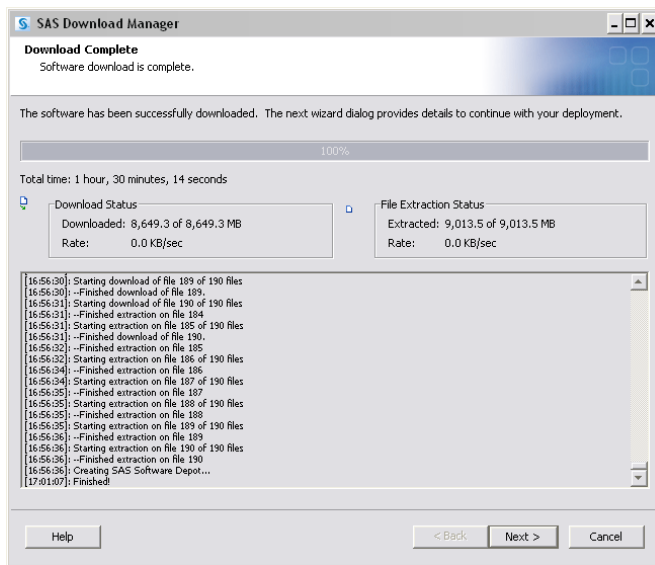
You must specify a directory for the software depot. By default, C:\SAS Software Depot is specified.

☞ Click **Next**.



☞ Click **Download** to begin downloading your software order.

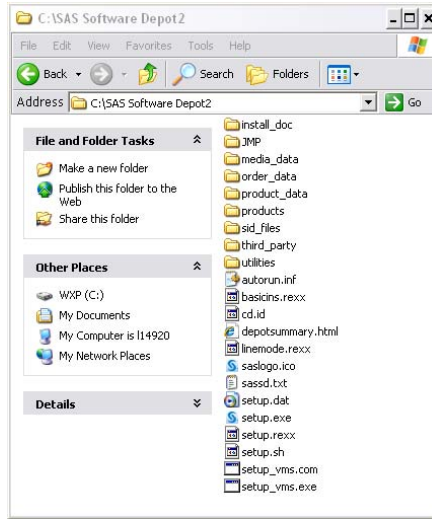
Note: This download process may take several hours, depending on your internet connection



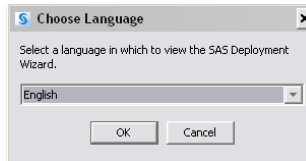
☞ When the download is complete, click **Next** and then click **Finish**.

Step 2: Install JMP Genomics 4.1

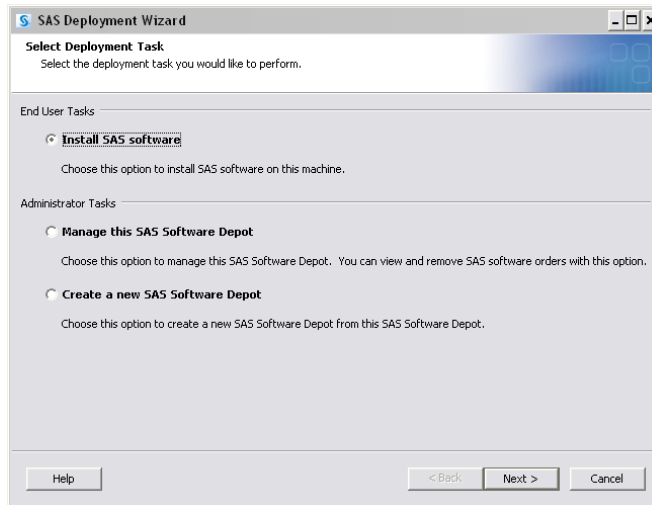
☞ Navigate to the SAS Software Depot folder. The default location for this directory is C:\SAS Software Depot.



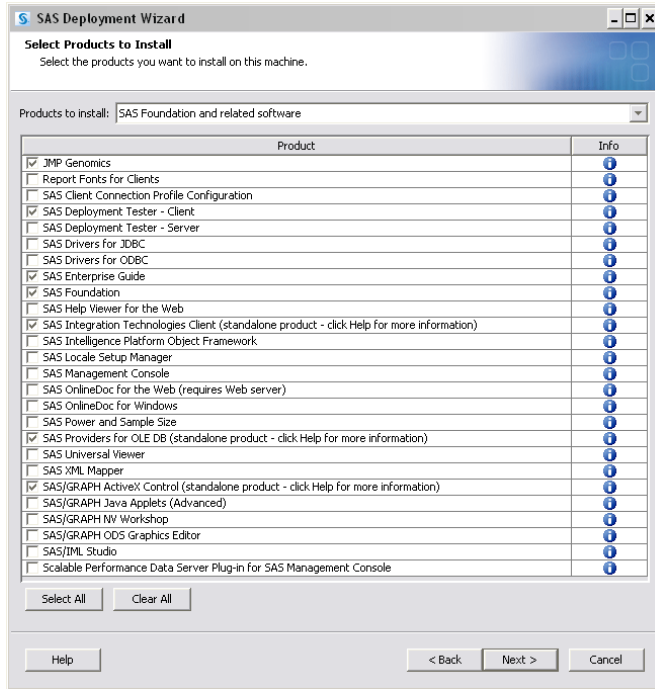
- ☞ Double-click `setup.exe` to open the SAS Deployment Wizard and begin the installation.
- ☞ Select the language in which to view the SAS Deployment wizard.



The SAS Deployment Wizard opens and the specific software to be installed is displayed.

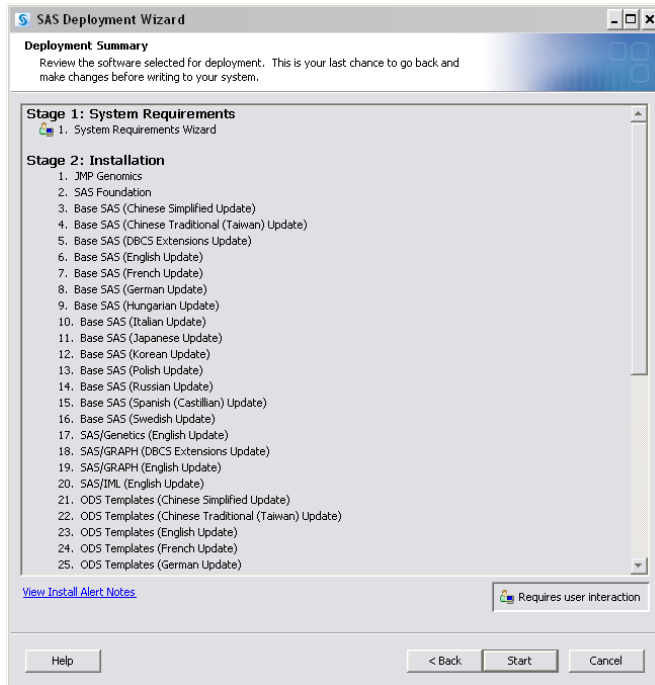


- ☞ Make sure that **Install SAS software** is selected and click **Next**.



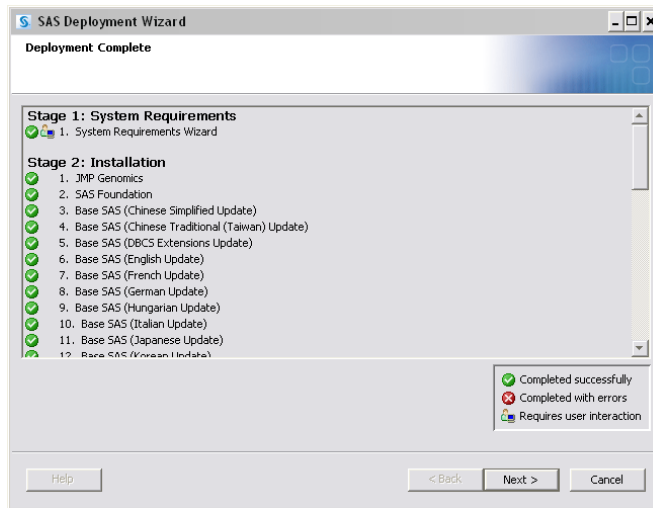
☞ Review the SAS products to be installed and click **Next**.

☞ Click **Next** on the next three screens.



Review the installation summary and click **Start**.

The installer proceeds through updating the system requirements and the installation. You should follow the on-screen directions as the installation progresses.



Review the Deployment Wizard. Click **Next** if all components were installed successfully.

Click **Finish** to complete the install process.

A shortcut to JMP Genomics is added to your desktop during the installation. Double-click on this shortcut to launch JMP Genomics.

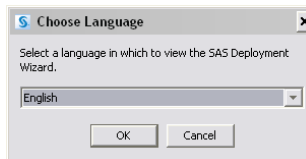
DVD Delivery

Insert the SAS 9.2 JMP Genomics 4.1 DVD (1 of 3) into your DVD drive.

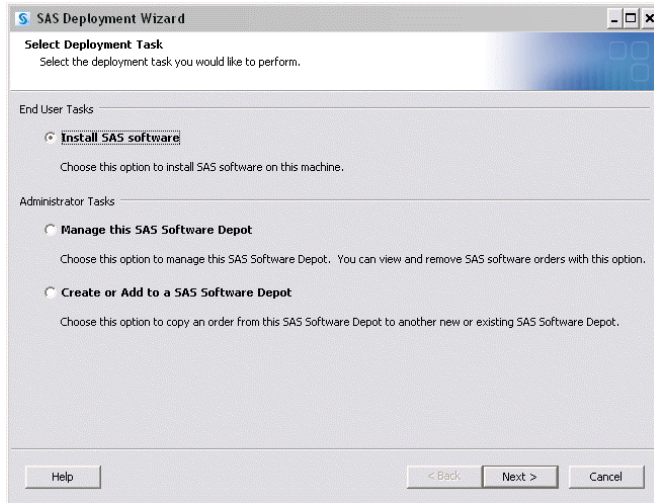
The SAS Deployment Wizard is automatically installed.

Note: Depending on your machine and operating system, installation of the Deployment Wizard may take considerable time.

Select the language in which to view the SAS Deployment wizard.



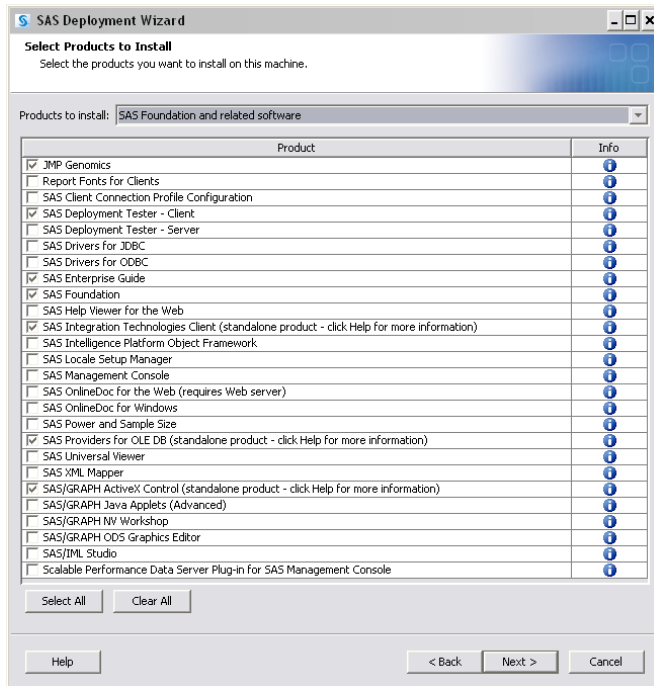
The SAS Deployment Wizard opens.



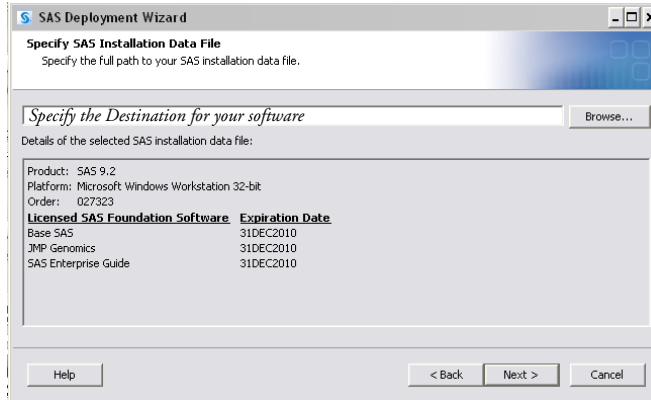
☞ Make sure that Install SAS Software is selected and click **Next**.

The specific software to be installed is displayed.

Note: Only the checked products are installed.

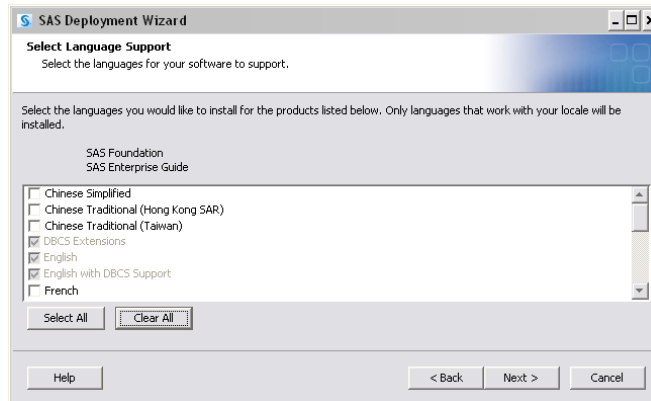


☞ Review the SAS products to be installed and click **Next**.



The details and path to your SAS installation file are displayed.

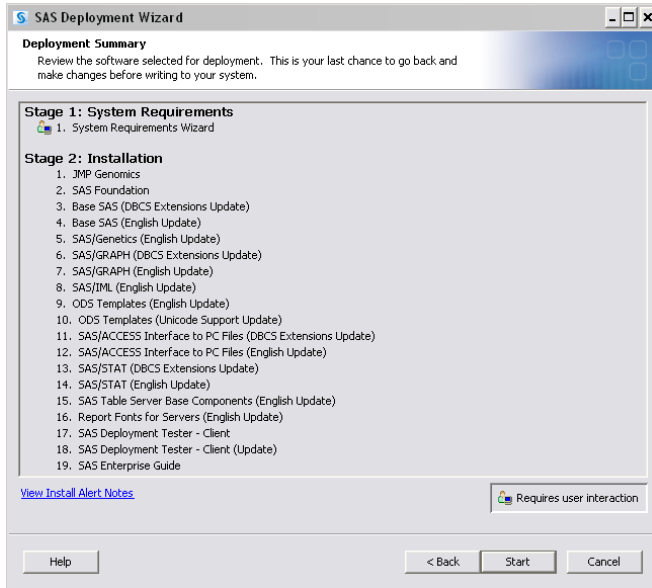
☞ Click **Next**.



☞ Select the additional languages you wish to install.

☞ Click **Next**.

☞ Review the deployment summary.



☞ Click **Back** to change one or more parameters.

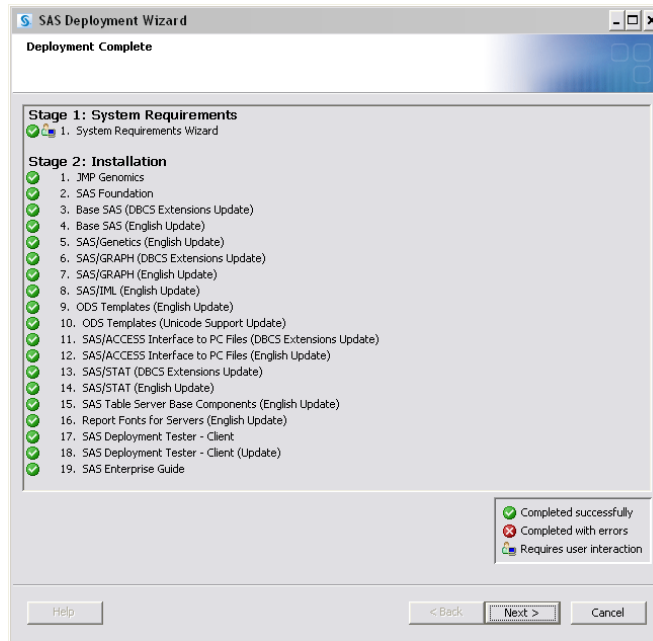
☞ Click **Start** to begin installing your software.

In stage 1 of the installation, the SAS System Requirements Wizard examines your system for minimum requirements and upgrades components as needed.



☞ Click **Next** to run the wizard. Click **Finish** when the update is complete to proceed to stage 2.

Stage 2 of the installation begins and proceeds automatically until every component has been installed.



☞ Click **Next** and then **Finish**.

A shortcut to JMP Genomics is added to your desktop during the installation. Double-click on this shortcut to launch JMP Genomics.

Verify that JMP Genomics 4.1 has been successfully installed on your machine.

If JMP Genomics has successfully been installed, all of the following events should be observed:

- The JMP Genomics icon has been added to your desktop.
- Double-clicking on the desktop icon opens JMP Genomics. The splash screen specifies JMP Genomics 4.1.
- JMP Genomics 4.1 is specified on the About JMP window (select **Help > About JMP** to view this window).
- The Genomics menu contains links to all of the new APs. Select **Genomics > Documentation and Help > Release Notes** for a list of all of the new APs. Examples include the Basic miRNA Workflow and the Basic Tiling Workflow (found in the **Genomics > Workflows** menu)

Note: Reasons for an incomplete installation may include but are not limited to: you are upgrading from JMP Genomics 4.0 to 4.1, you are installing of JMP Genomics 4.1 on a 64 bit machine, or you are installing JMP Genomics on a SAS standard FDCC machine.

If any of these conditions are not observed, you must run the JMP portion of the installer manually.

- ☞ Navigate into C:\SAS Software Depot\JMP\JMP_Genomics\4_1\Windows.
- ☞ Double-click **setup.exe** (in that folder) to re-install the JMP components.
- ☞ If asked to **Modify, Repair or Remove**, choose **Repair**.
- ☞ Launch JMP Genomics.

When it launches, JMP Genomics automatically rebuilds the dialogs and then displays the JMP Genomics 4.1 splash screen. You should verify that all of the conditions listed above are observed.

In some cases, the new APs are not listed in the menus even though both the splash screen and **About JMP** window specify JMP Genomics 4.1. If you observe this condition, you will need to generate the dialogs and rebuild the menus.

- ☞ Click **Genomics > Generate Dialogs from XML**. A separate window will open while the dialogs are regenerated and will close when the process is complete.
- ☞ Click **Edit > Customize > Revert to Factory Defaults**. Click **Yes** in the Alert window to rebuild the menus.

You should verify that all of the conditions listed above are observed.

For Windows Vista users only.

Users of JMP Genomics 4.1 have reported that JMP occasionally freezes after a prolonged period of inactivity on machines running the Windows Vista. A hotfix to alleviate this problem is available and should be installed after installation of JMP Genomics 4.1 is complete.

Users of 32-bit Windows Vista should use the fix at http://ftp.sas.com/techsup/download/hotfix/HF2/A61_win.html.

Users of 64-bit Windows Vista should use the fix at http://ftp.sas.com/techsup/download/hotfix/HF2/A61_wx6.html.

For Windows 7 users only.

JMP Genomics 4.1 is not officially supported on machines running the Windows 7 operating system. However, preliminary testing has shown the hotfixes for Windows Vista may be compatible with Windows 7.

Multiple versions of JMP Genomics

We recommend that you uninstall all previous versions of JMP Genomics and SAS software before installing JMP Genomics 4.1 on your Windows desktop machine. However, if you have licensed addi-

tional SAS software, or if you wish to continue using JMP Genomics 3.2 while you explore JMP Genomics 4.1, you can do so, but you will need to take additional steps to make sure the multiple versions do not interfere with each other. Once these steps have been completed, you will be able to switch back and forth between JMP Genomics 4.1 and JMP Genomics 3.2.

To switch from using JMP Genomics 3.2 (which uses SAS 9.1.3) to JMP Genomics 4.1 (which uses SAS 9.2), you must take the following steps:

☞ Open a text editor.

☞ Type the following code, as written:

```
cd C:\Program Files\SAS\SASFoundation\9.2
sas.exe /regserver
pause
```

☞ Save the file to your desktop with. Name the file SAS913ToSAS92.bat.

Note: The first part of the file name can be any thing you wish, However the .bat extension is very important and must be placed at the end of the file name.

☞ Before opening JMP Genomics 4.1, you must double-click on the SAS913ToSAS92.bat file icon to run the batch process.

To switch from using JMP Genomics 4.1 (which uses SAS 9.2) to JMP Genomics 3.2 (which uses SAS 9.1.3), you must take the following steps:

☞ Open a text editor.

☞ Type the following code, as written:

```
cd C:\Program Files\SAS\SAS 9.1
sas.exe /regserver
pause
```

☞ Save the file to your desktop with. Name the file SAS92ToSAS913.bat.

Note: The first part of the file name can be any thing you wish, However the .bat extension is very important and must be placed at the end of the file name.

☞ Before opening JMP Genomics 3.2, you must double-click on the SAS92ToSAS913.bat file icon to run the batch process.

To switch back and forth between JMP Genomics 4.1 and JMP Genomics 3.2, double-click on the appropriate .bat file before opening JMP Genomics.

