



SAS Drug Development 3.4 Supplemental Download for UTF-8

Installation Instructions

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Note: The following instructions are required for SDD 3.4 customers that are running DBCS with UTF-8 encoding. The location of the supplemental download from the SAS Technical Support web site is <http://ftp.sas.com/techsup/download/hotfix/34drugdev.html>

Install Font File

Checklist 1: "Install Font File"		Corresponding Document: <i>None</i>		
#	Activity	Expected Results	Actual Results	Completed Date/Initial
1.	Log on to the SAS UNIX server as the root user id.	You are now logged in as the root user as verified by the 'id' command.		
2.	The <code>msgothic.ttc</code> should have been downloaded from the SAS Technical Support web site. Transfer this file to the <code>sas9.1.3</code> area on the SAS UNIX server. Type <code>cd <root directory of the SAS installation>/misc/fonts</code> Using the default values in the installation script in checklist 8 of the <i>System Requirements and Installation Instructions</i> document, this command would be <code>cd /apps/sas9.1.3/misc/fonts</code>	Change to that directory.		
3.	Type <code>mv <location of msgothic.ttc file>/msgothic.ttc .</code>	File is moved.		
4.	Type <code>chown <username that installed SAS>:<group ID for username that installed SAS> *</code> Using the default values in steps 15 and 16 in checklist 10 of the <i>System Requirements and Installation Instructions</i> document, this command would be <code>chown sas:sas *</code>	Ownership of files is modified.		
5.	Type <code>chmod 644 msgothic.ttc</code>	Permissions of files are modified.		

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6.	<p>This new font must be added to SASHELP for use in SAS Drug Development. To do so, you must first launch SAS interactively on the SAS UNIX server. Login to the SAS UNIX server as the user that installed SAS.</p> <p>Using the default value in step 15 in checklist 10 of the <i>System Requirements and Installation Instructions</i> document, the user is sas.</p>	User is logged in as user sas.		
7.	<p>Type <code>cd <root directory of the SAS installation></code></p> <p>Note: Before you continue to the next step, you will need to run an application like Exceed that allows X Window Applications to run.</p>	Change to that directory.		
8.	<p>Launch SAS by typing <code>./sas</code></p> <p>Note: This assumes that the sas executable is linked to the sas_dbcs executable for DBCS instances.</p>	SAS 9.1 for UNIX environments opens.		
9.	<p>In the Program Editor window, select File → Open and navigate to <code><location of extracted sasserver.jar file>/dbcs</code> from the Open... window.</p>	Change to that directory.		
10.	<p>Select the <code>sddfonts.sas</code> file and click on OK.</p>	The <code>sddfonts.sas</code> file opens in the Program Editor.		

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11.	Click F3 or select Run → Submit to submit the code.	<p>The SAS Log window displays:</p> <p>.....</p> <p>SUMMARY:</p> <p>Files processed: 3</p> <p>Unusable files: 0</p> <p>Files identified as fonts: 3</p> <p>Fonts that were processed: 3</p> <p>Fonts replaced in the SAS registry: 0</p> <p>Fonts added to the SAS registry: 1</p> <p>Fonts that could not be used: 2</p> <p>.....</p> <p>NOTE: Starting to write out the registry file, please wait...</p> <p>NOTE: The export to file /apps/sas9.1.3/fonts.sasxreg is now complete.</p> <p>.....</p> <p>NOTE: Parsing REG file and loading the registry please wait....</p> <p>NOTE: Parsing REG file: currently processing line 51.</p> <p>NOTE: Registry IMPORT is now complete.</p>		

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12.	<p>To check that the msgothic.ttc font is loaded into SASHELP, issue the following program into the Program Editor window:</p> <pre>proc registry listhelp startat='core\printing\freetype\fonts'; run;</pre> <p>Click F3 or select Run→ Submit to submit the code.</p>	<p>You should see the MS Gothic font listed. The log should look similar to the following:</p> <pre>..... <ttf> MS Gothic] [Attributes] Family=int:1 Format="TRUETYPE" Scale=int:1 Sizes="8,9,10,11,(12,73,2)" Spacing=int:4 Type=int:0 Width=int:2 [Character Sets] UCS4=LINK:"\CORE\PRINTING\FREETYPE\CHARACTER SETS\3\10" Unicode=LINK:"\CORE\PRINTING\FREETYPE\CHARACTER SETS\3\1" [Code] [104] File="/apps/sas9.1.3/misc/fonts/msgothic.ttc" [Styles] Regular=int:1 [Weights] Normal=int:4</pre>		
13.	<p>Return to where you left off in checklist 10 of the <i>System Requirements and Installation Instructions</i> document to complete the remaining steps of the installation.</p>	<p>User returns to <i>System Requirements and Installation Instructions</i> document.</p>		