

SCA Import Node Installation Guide for SAS Enterprise Miner 14.1

Note: This node is available on an experimental basis and is not officially supported by SAS

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SCA Import Node Installation Guide for SAS Text Miner 14.1

1. Overview of SCA Import Node Package Installation

This section provides a concise reference for **SCA Import** Node deployments. There are two paths for extension nodes deployments, depending on the SAS Enterprise Miner installation, Workstation or Client/Server. For more information, see Chapter 5 in SAS® Enterprise Miner™ 14.1 Extension Nodes: Developer's Guide.

Download and unzip the **SCA Import Node Package**. The **SCA Import Node Package** consists of four files.

- emtm_sca.sas7bcat — SAS code for the extension node.
- SCAImport.xml — Definition of the extension node for the graphical user interface.
- gif16\SCA.gif — A small, 16-bit gif file named as “SCA.gif” under “gif16” folder. This file serves as the extension node's icon on the node toolbar.
- gif32\SCA.gif — A large, 32-bit gif file named as “SCA.gif” under “gif32” folder. This file serves as the extension node's image in the diagram workspace.

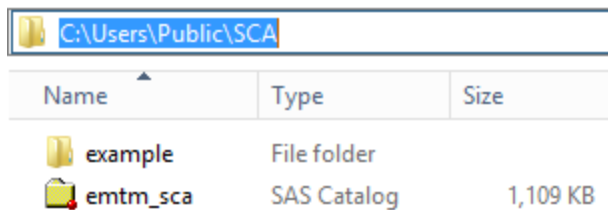
The extension node files must be available to the SAS Server. It is recommended you create a folder accessible by everyone that will use the extension tool (for example EMEXT). You must add the XML file to the extension node folder and create two subdirectories in this folder named **gif16** and **gif32** to hold the 16- and 32-bit icons, respectively. For SAS Enterprise Miner installation on Workstation, see Section 1.1 “Deploying to a Workstation Install”. For SAS Enterprise Miner installation on Client/Server, see Section 1.2 “Deploying to a Client/Server Install”.

The SAS code (in the emtm_sca catalog) for the extension node must be available to the SAS server. The path to the SAS code is stored as “SCA.EMTM_SCA.SCAIMPORT.SOURCE” in the SCAImport.xml file. It is required that users need to (1) create a folder for the SAS code and (2) specify a path for the **sca** library in the **project start code** in the Text Miner 14.1. This example uses “C:\Users\Public\SCA” for the SAS code.

- a. Create “SCA” subfolder under “C:\Users\Public\” folder.

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- b. Copy the **emtm_sca** catalog of the **SCA Import Node Package** to "C:\Users\Public\SCA" folder.



Name	Type	Size
example	File folder	
emtm_sca	SAS Catalog	1,109 KB

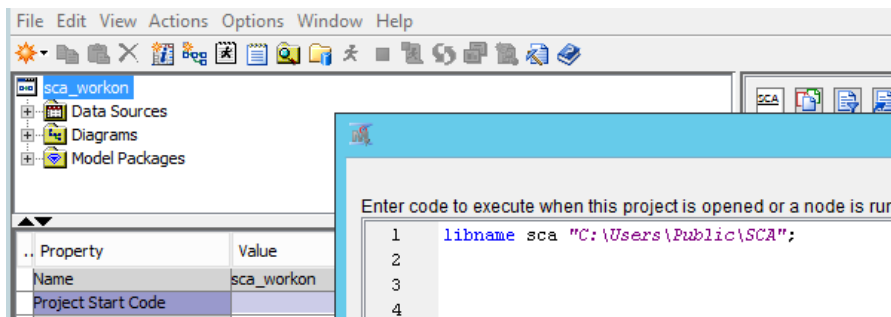
- c. In Enterprise Miner, create a new project or open an existing project. Then, modify the **project start code** to associate **emtm_sca** catalog with the SCA Import node. Then, the **emtm_sca** catalog is available for use in the selected project by the server.

- i. Click the ellipses for the Project Start Code property

The Project Start Code dialog box appears.

- ii. Assign a SAS library, named **sca** to a folder that contain **emtm_sca** catalog.

libname sca "C:\Users\Public\SCA";



1.1. Deploying to a Workstation Install

For Workstation configurations, if the EMEXT folder is created under User Home on Windows 7 (for example, C:\User\<userid>\EMEXT), it will be found automatically. For any other location, define a system environment variable named **dminemid.components.extra.dir** that contains

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the path for the directory that contains the extension xml file. It can be any directory accessible from the machine.

- **C:\User\<userid>\EMEXT\SCAImport.xml**
- **C:\User\<userid>\EMEXT\gif16\SCA.gif**
- **C:\User\<userid>\EMEXT\gif32\SCA.gif**

1.2. Deploying to a Client/Server Install

For a server configuration, specify the location of the extensions folder by adding a definition in the SAS Management Console. To add a definition, follow the steps below.

1. Log on to the SAS Management Console as a SAS administrator.
2. On the **Plug-ins** tab, select **Application Management** → **Configuration Manager** → **SAS Application Infrastructure**. Right-click **Enterprise Miner Mid-tier Services 14.1** → **Properties**
3. On the **Advanced** tab, locate the property named **dminemd.components.extra.dir**. In the **Property Value** field, enter the directory path to your extensions folder.
4. Restart the SAS Enterprise Miner client to see the new node. There is no need to restart the middle-tier server.

For more information about the extension tools, see the SAS Enterprise Miner Help documentation on the EXT Demo node.

2. Recommended Reading

1. [SAS® Enterprise Miner™ 14.1 Extension Nodes: Developer's Guide](#)
2. Getting Started with SAS® Text Miner 14.1
3. SAS® Contextual Analysis 14.1: User's Guide

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