

Import SPSS Data and Value Labels

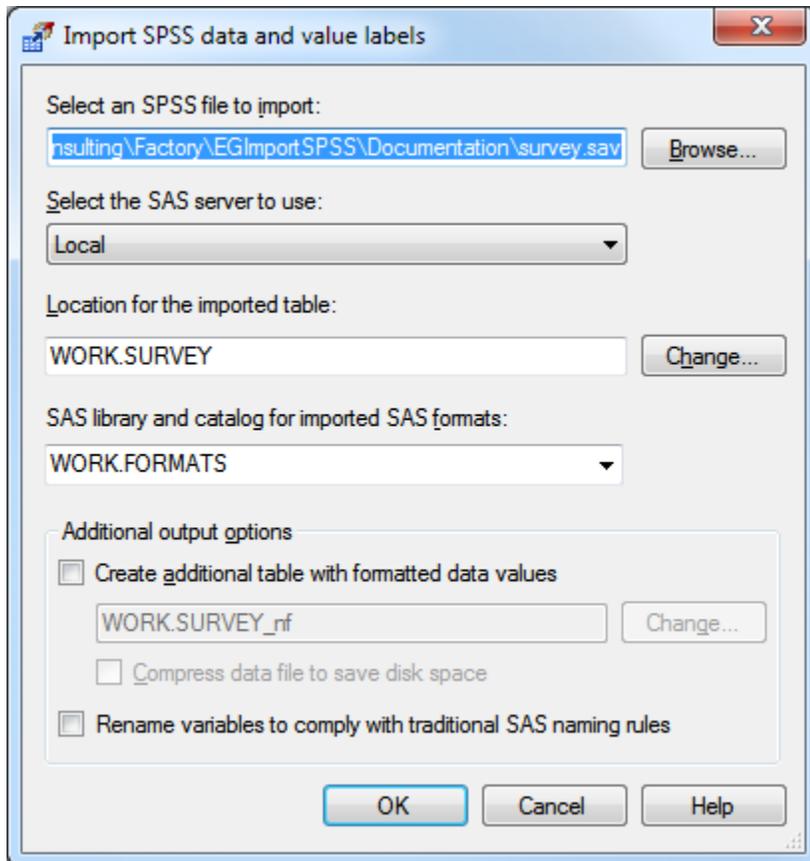
A custom task for SAS Enterprise Guide

Support: Global Services Factory, SAS Professional Services

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About this Task

This is a custom task for SAS Enterprise Guide that allows you to import SPSS data files. It supports the import of local .SAV files to a SAS for Windows or SAS for UNIX environment.



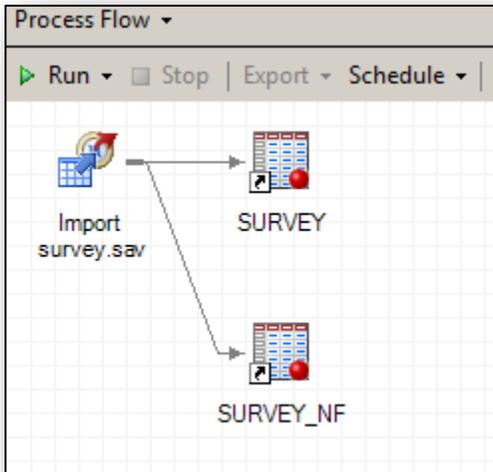
How is this different from the built-in task (Tasks->Data->Import SPSS Data)?

This version of the task allows for **more options** as you import SPSS data. It allows you to:

- Save the output data into any library (not just the WORK library)
- Specify a custom location for SAS formats that are created. (SPSS value labels are converted into SAS formats and associated with the output columns.)
- Optionally strip format definitions from the output data (so the resulting data doesn't depend on custom formats).
- Optionally create a second table that contains the formatted data values (potentially changing column types as necessary) and doesn't rely on custom formats.
- Optionally **rename** the variables from SPSS that do not comply with traditional SAS naming conventions.

Example Results

The task in the process flow, pictured with its two potential output data sets.



This import task can create multiple SAS tables, each with different characteristics of native data values and formatted values.

Imported Data using Default Settings

	Name	Age	Sex	Song1	Song2	Song3	Song4	Song5
1	Gail	14	female	5	4	1	3	5
2	Jim	56	male	5	4	1	3	2
3	Susan	34	female	5	4	1	1	5
4	Barbara	45	female	5	4	1	2	4
5	Steve	13	male	5	4	1	4	5

Result with SPSS value label converted to SAS format (numeric column, text display)

Imported Data with Optional Second Table, Display Values instead of Formats

SURVEY_NF

Modify Task | Filter and Sort | Query Builder | Data | Describe | Graph | Analyze | Export | Send To

	Name	Age	Sex	Song1	Song2	Song3	Song4	Song5
1	Gail	14	female	5	4	1	3	5
2	Jim	56	male	5	4	1	3	2
3	Susan	34	female	5	4	1	1	5
4	Barbara	45	female	5	4	1	2	4
5	Steve	13	male	5	4	1	4	5

Result with SPSS value converted to its display value (text column)

Imported Data with SAS Formats Removed

	Name	Age	Sex	Song1	Song2	Song3	Song4	Song5
1	Gail	14	2	5	4	1	3	5
2	Jim	56	2	5	4	1	3	2
3	Susan	34	1	5	4	1	1	5
4	Barbara	45	1	5	4	1	2	4
5	Steve	13	2	5	4	1	4	5

Result with original SPSS value without value label or formats

Software Requirements

- SAS Enterprise Guide 5.1 (Windows 32-bit or 64-bit) or later
- SAS 9.2 or later with SAS/ACCESS to PC Files (Windows or UNIX)

Installing the Custom Task

The custom task is in this .NET assembly (DLL):

SAS.Tasks.ImportSPSS.dll

To install the custom task for use with SAS Enterprise Guide 5.1, you simply need to copy the DLL to a designated directory.

For use by **just the current user**, copy the DLL to:

`%appdata%\SAS\EnterpriseGuide\5.1\Custom`

where `%appdata%` is a Windows environment variable that resolves to your profile area. You might need to create the "Custom" subfolder in this area.

For use by **all users** on a machine, copy the DLL to:

`%programfiles%\SAS\EnterpriseGuide\5.1\Custom`

You might need to create the "Custom" subfolder in this area. You might need elevated privileges on your machine to copy content into the Program Files area.

After the file is copied into place, restart SAS Enterprise Guide.

The task should be available from the Tools->Add-In menu, as "Import SPSS data and value labels"

