A P P E N D I X

1

Tasks Menu Reference

Introduction

This chapter gives a complete picture of the items available on the SAS/ASSIST software `Tasks` menu. For each submenu of the `Tasks` menu, there is a short description of the item, the required software product, and a cross-reference to more information.

The following abbreviations are used in the "See" column:

- □ *GS* refers to *Getting Started with the SAS System Using SAS/ASSIST Software.*
- □ *PG* refers to *SAS Procedures Guide.*
- □ *SAS/ETS UG* refers to *SAS/ETS User's Guide*
- □ *SAS/STAT UG* refers to *SAS/STAT User's Guide.*

Data Management

Table A1.1   Data Management Menu Items

Item	Sub-item	Description	Required product	See
Query	SQL Query	Opens SQL Query window	Base SAS software	SQL Query Window online help
	Query and Reporting	Accesses SAS/ASSIST Query and Reporting system	Base SAS software	Chapter 10, "Query and Reporting," on page 157 and Chapter 11, "Using the SQL Editor," on page 205

Item	Sub-item	Description	Required product	See
Edit/Browse	Edit Data	Enables editing of a SAS table	SAS/FSP software	"Editing and Browsing Data" chapter in *GS*; SAS/FSP software online help
	Browse Data	Enables browsing of a SAS table	SAS/FSP software	
Import Data	n/a	Enables import of an external file to a SAS table	Base SAS software	"Importing and Exporting Data" chapter in *GS*
Export Data	n/a	Enables export of a SAS table to an external file	Base SAS software	
Create Data	Interactively	Data entry in single-line or table format	SAS/FSP software	"Entering Data Interactively" chapter in *GS*
	For X-Y Plots	Data entry for creating an X-Y plot	SAS/FSP software	SAS/ASSIST software online help
	For Charts	Data entry for creating bar or pie charts	SAS/FSP software	SAS/ASSIST software online help
	For Mapping	Data entry for creating maps	SAS/FSP software	SAS/ASSIST software online help
	For Calendar	Data entry for creating a calendar	SAS/FSP software	SAS/ASSIST software online help
	For Time Series	Data entry for time-series analysis	SAS/FSP software	SAS/ASSIST software online help
	Using SQL	Opens SQL Query window	Base SAS software	SQL Query Window online help
DBMS Access	n/a	Opens Explorer window	Base SAS software	Explorer online help
Subset/Copy	n/a	Subset or copy a SAS table	Base SAS software	"Defining a New Column" chapter in *GS*
Combine	All methods	Opens Combine Tables window	Base SAS software	For all of these methods, see "Combining Data Using a Cartesian Product Match Merge" on page 22
	Concatenate	Combine tables by concatenation	Base SAS software	
	Merge	Combine tables by merging	Base SAS software	
	Interleave	Combine tables by interleaving	Base SAS software	
	Match Merge	Combine tables by match merging	Base SAS software	
Design Format	n/a	Create formats and informats	Base SAS software	"Creating a Format" on page 28
Sort	n/a	Sort a SAS table	Base SAS software	"Sorting Data" chapter in *GS*

Item	Sub-item	Description	Required product	See
Utilities	Contents of a Table	Browse or edit SAS table properties	Base SAS software	"Altering the Properties of a SAS Table" on page 30
	Table	Select an active table with the Select Table window	n/a	"Select Table Window" on page 12
	Convert to CPORT Format	Prepare a SAS table for transport to another operating environment	Base SAS software	"Transporting SAS Files Across Operating Environments" on page 34
	Convert from CPORT Format	Convert a transport file to SAS format	Base SAS software	"Transporting SAS Files Across Operating Environments" on page 34
	Convert Frequency of Time Series Data	Edit time series data	SAS/ETS software	SAS/ASSIST software online help
	Rearrange Repeated Measures Table	Expand repeated measures data into one measure per row	Base SAS software	SAS/ASSIST software online help
	Transpose Table	Make rows into columns	Base SAS software	"Transposing a Table" on page 37

Report Writing

Table A1.2 Report Writing Menu Items

Item	Sub-item	Description	Required Software	See
Listing	n/a	List Data task	Base SAS software	"Report Writing" chapter in *GS*
Tabular Report	All styles, Statistics, Simple Group 1, Simple Group 2, Two-dimensional Group, Multiple Group, Advanced	Create tabular reports	Base SAS software	"Report Writing" chapter in *GS*; "Doing More with Tabular Reports" on page 49

Item	Sub-item	Description	Required Software	See
Report Engine	Use Report Engine facility	Base SAS software	"Using the Report Engine" chapter in *GS*; Chapter 5, "Doing More with the Report Engine," on page 61	
Utilities	Create Labels	Design printed labels	Base SAS software	SAS/ASSIST software online help
	Create banner	Design printed banners	Base SAS software	SAS/ASSIST software online help
	Produce Calendar	Create a calendar application	Base SAS software	SAS/ASSIST software online help
	Create Calendar Data	Data entry for calendars	Base SAS software	SAS/ASSIST software online help
	Summary Statistics	Generate summary statistics on a SAS table	Base SAS software	"Data Analysis" chapter of *GS*; Chapter 7, "Doing More with Data Analysis," on page 121
	Contents of a Table	Browse or edit SAS table properties	Base SAS software	"Altering the Properties of a SAS Table" on page 30
	Design Formats	Create formats and informats	Base SAS software	"Creating a Format" on page 28

High Resolution Graphics

For all bar charts, pie charts, plots, and maps, see the "Graphics" chapter in *GS* and Chapter 6, "Doing More with Graphics," on page 87. SAS/GRAPH software is required for all High Resolution Graphics tasks.

Table A1.3

Item	Sub-item	Description	Required Product	See
Bar Chart	n/a	Create vertical and horizontal bar charts	SAS/ GRAPH software	
Pie Chart	n/a	Create pie charts	SAS/ GRAPH software	

Item	Sub-item	Description	Required Product	See
Plots	Simple X * Y Plot	Create simple plots	SAS/ GRAPH software	
	X * Y Plots by Category	Create categorical plots	SAS/ GRAPH software	
	Multiple Plots per Axes	Create advanced plots	SAS/ GRAPH software	
Maps	n/a	Create maps	SAS/ GRAPH software	
Utilities	Replay graphs	Redisplay saved graphics	SAS/ GRAPH software	SAS/ASSIST software online help
	Generate Test Patterns	Test graphics display	SAS/ GRAPH software	SAS/ASSIST software online help
	Create Data for X * Y Plots	Data entry for plots	SAS/FSP software	SAS/FSP software online help
	Create Data for Charts	Data entry for charts	SAS/FSP software	SAS/FSP software online help
	Create Data for Mapping	Data entry for maps	SAS/ GRAPH software, SAS/FSP software	SAS/FSP software online help

Low Resolution Graphics

Low-resolution graphics are available only if you are using the Version 6 block-style menu or if you are using a non-graphics terminal device. No additional products are required to use low-resolution graphics. For more information on low-resolution graphics, refer to the SAS/ASSIST software online help.

Data Analysis

For general information on performing data analysis, see the "Data Analysis" chapter in *Getting Started with the SAS System Using SAS/ASSIST Software* and Chapter 7, "Doing More with Data Analysis," on page 121.

Table A1.4

Item	Sub-item	Description	Required Product	See
Elementary	Summary Statistics	Generate summary statistics on a SAS table	Base SAS software	"Data Analysis" chapter in *GS*; Chapter 7, "Doing More with Data Analysis," on page 121
	Correlation	Compute correlations	Base SAS software	"The CORR Procedure" in *PG*
	Confidence Intervals for Means	Compute confidence intervals	Base SAS software	"The MEANS Procedure" in *PG*
	Frequency Tables	Generate or analyze frequency tables	Base SAS software	"The FREQ Procedure" in *PG*
Regression	Linear	Perform linear regression analysis	SAS/STAT software	"The REG Procedure" in *SAS/STAT UG*
	Logistic	Perform logistic regression analysis	SAS/STAT software	"The LOGREG Procedure" in *SAS/ STAT UG*
	With Correction for Auto-correlation	Perform regression with correction for autocorrelation	SAS/ETS software	SAS/ETS software online help
Anova	Analysis of Variance	Perform analysis of variance	SAS/STAT software	"The ANOVA Procedure" in *SAS/ STAT UG*
	Nonpara-metric ANOVA	Perform nonparametric ANOVA	SAS/STAT software	"The NPAR1WAY Procedure" in *SAS/ STAT UG*
	T-tests	Perform *t*-tests	SAS/STAT software	"The TTEST Procedure" in *SAS/ STAT UG*
Multivariate	Principal Components	Perform principal components analysis	SAS/STAT software	"The PRINCOMP Procedure" in *SAS/ STAT UG*
	Canonical Correlation	Perform canonical correlation analysis	SAS/STAT software	"The CANCORR Procedure" in *SAS/ STAT UG*
Quality Ctrl	n/a	Access quality control analysis functions	SAS/QC software	SAS/QC software online help
Interactive	Guided Data Analysis	Interactively analyze data	SAS/LAB software	SAS/LAB software online help
	Data Exploration	Graphically analyze and display data	SAS/ INSIGHT software	SAS/INSIGHT software online help

Item	Sub-item	Description	Required Product	See
Time Series	Seasonal Adjustment	Perform seasonal adjustment of time series data	SAS/ETS software	"The X11 Procedure" in *SAS/ETS UG*
	Regression	Perform regression with correction for autocorrelation	SAS/ETS software	"The AUTOREG Procedure" in *SAS/ETS UG*
Utilities	Compute Percentiles	Perform univariate analysis	Base SAS software	"The UNIVARIATE Procedure"in *PG*
	Compute Ranks	Perform rank analysis	Base SAS software	"The RANK Procedure" in *PG*
	Standardize Columns	Standardize data	Base SAS software	"The STANDARD Procedure" in *PG*
	Convert Frequency of Time Series Data	Expand repeated measures data into one measure per row	SAS/ETS software	"The EXPAND Procedure" in *SAS/ETS UG*
	Create Time Series Data	Data entry for time series analysis	SAS/FSP software	SAS/FSP software online help

Planning Tools

Table A1.5

Item	Sub-item	Description	Required Product	See
Loan Analysis	n/a	Loan calculator	SAS/ETS software	SAS/ETS software online help
Design of Exp	n/a	Experiment designer	SAS/QC software	SAS/QC software online help
Project Mgmt	n/a	Project management	SAS/OR software	SAS/OR software online help
Spreadsheet	n/a	Spreadsheet application	SAS/CALC software	SAS/CALC software online help
Forecasting	n/a	Financial forecasting application	SAS/ETS software	SAS/ETS software online help

Item	Sub-item	Description	Required Product	See
Utilities	Produce a Calendar	Calendar creation application	n/a	SAS/ASSIST software online help
	Create Calendar Data	Data entry for calendar creation	SAS/FSP software	SAS/FSP software online help
	Convert frequency of time series data	Edit time series data	SAS/ETS software	SAS/ETS software online help
	Create time series data	Data entry for time series analysis	SAS/FSP software	SAS/FSP software online help

EIS

Table A1.6

Item	Sub-item	Description	Required Product	See
Run 6.06 private applications	n/a	Access private applications from Release 6.06 SAS/EIS software	n/a	SAS/ASSIST software online help
Run 6.06 public applications	n/a	Run public applications from Release 6.06 SAS/EIS software	n/a	SAS/ASSIST software online help
SAS/EIS	n/a	Invoke SAS/EIS software	SAS/EIS software	SAS/EIS software online help

Remote Connect

All Remote Connect items require SAS/CONNECT software.

Table A1.7

Item	Sub-item	Description	See
Establish Connection	n/a	Establish remote connection	"Using Remote Connect" chapter in *GS*
Run	n/a	Run a saved program locally or remotely	SAS/ASSIST software online help

Item	Sub-item	Description	See
Transfer Data	Upload	Send data to remote host	"Using Remote Connect" chapter in *GS*
	Download	Get data from remote host	SAS/ASSIST software online help
	Download Graphics Output	Get graphics output files from remote host	SAS/ASSIST software online help
	Utilities	Access utility functions	SAS/ASSIST software online help
Terminate connection	n/a	Terminate connection to remote host	"Using Remote Connect" chapter in *GS*
Edit remote connection	n/a	Edit remote connect configuration	"Adding, Editing, and Deleting Remote Configurations" on page 142
Results	Result Manager	Access Result Manager window	"Using the Result Manager" chapter in *GS*
	Access saved programs, output, logs, graphs		
	Batch Submit	Submit a batch job locally or remotely	Appendix 3, "Batch Processing with the Result Manager (OS/390 Only)," on page 247

Results

No further products are required for the Results items.

Table A1.8

Item	Description	See
Result Manager	Opens Result Manager window	"Using the Result Manager" chapter in *GS*; "Doing More with the Result Manager" on page 145
Access saved programs, output, logs, graphs	The "Access saved…"items are not used in SAS/ASSIST software Release 6.08 and later. They are retained for compatibility with earlier releases.	SAS/ASSIST software online help for all "Access saved…" items
Batch submit	Submit a batch job locally or remotely	Appendix 3, "Batch Processing with the Result Manager (OS/390 Only)," on page 247

Setup

Table A1.9

Item	Sub-item	Description	Required product	See
File Management	SAS Data libraries	Manage librefs	Base SAS software	"Setting Up SAS Files" chapter in *GS*
	Assign maps	Assign MAPS libref	Base SAS software	SAS/ASSIST software online help
	Assign format libref	Assign LIBRARY libref	Base SAS software	SAS/ASSIST software online help
	External files	Manage filerefs	Base SAS software	SAS/ASSIST software online help
	Sort a table	Sort data in a SAS table	Base SAS software	"Sorting Data" chapter in *GS*
	Sample tables	Create, browse, edit, or delete SAS/ASSIST sample tables	SAS/FSP software (to edit and browse)	"Using the SAS System and SAS/ASSIST Software" chapter in *GS*

Item	Sub-item	Description	Required product	See
Environment	Primary menu colors	Change color scheme for Version 6 block-style menu	Base SAS software	SAS/ASSIST software online help
	Secondary menu colors	Change color scheme for Version 6 block-style menu	Base SAS software	SAS/ASSIST software online help
	Forms management	Create an edit printer forms	Base SAS software	SAS/ASSIST software online help
	Graphics options	Select and customize graphics device drivers and other graphics options	SAS/ GRAPH software	SAS/ASSIST software online help
	Enter host command	Send a command to operating environment	Base SAS software	SAS/ASSIST software online help
	Batch processing	Set up batch jobs	Base SAS software	Appendix 3, "Batch Processing with the Result Manager (OS/ 390 Only)," on page 247
	Use SAS program editor	Opens Program Editor window	Base SAS software	SAS/ASSIST software online help
	Catalogs for results	This option is used only in the Release 6.06 SAS/ ASSIST software interface style. It is not used with the interfaces for later releases.	n/a	SAS/ASSIST software online help
	Catalog search path	Specify catalog to search for programs an FRAME entries	Base SAS software	"Using the Catalog Search Path" on page 224
	Private/ public applications	Specify private and public applications for use with EIS task menu	Base SAS software	SAS/ASSIST software online help
	Logon/logoff exits	Specify applications to run before and after running SAS/ASSIST software	Base SAS software	"Using Logon and Logoff Exits and an Alternate Main Menu" on page 225
	History file	Create history file (Release 6.06 interface style)	n/a	SAS/ASSIST software online help

Item	Sub-item	Description	Required product	See
Information	Browse catalog contents	Browse contents of a SAS catalog	Base SAS software	SAS/ASSIST software online help
	Review function keys	Open KEYS window	Base SAS software	"Using the SAS System and SAS/ASSIST Software" chapter in *GS*
	SAS System help	Invoke SAS online help system	Base SAS software	"Using the SAS System and SAS/ASSIST Software" chapter in *GS*
Profiles	User	Open User Profile window	Base SAS software	"Setting User Profile Options" on page 241
	Master/Group	Open Master/Group Profile window	Base SAS software	SAS/ASSIST software online help

Doing More With SAS/ASSIST Software, Version 8