

II. Resources from the SAS® website

From SAS home page – www.sas.com

Select > **Support & Training**

Or go directly to support.sas.com

Select > **Knowledge Base**

Primary interest to SAS users are

- Documentation
- Papers (SAS Technical Papers)
- Samples & SAS Notes
- Focus Areas

II. Resources from the SAS® website

SAS Technical Papers

- provide technical details for how to complete a task or achieve a goal.
- Also offer technical advice on how to utilize features available in SAS

Locate Papers by Topic...

- | | |
|--|--|
| <ul style="list-style-type: none"> ■ Analytic Procedures and Processes ■ Base SAS Language, PROCs, ODS, and Macros ■ Data Management ■ Data Mining and Text Mining ■ Database products and SAS/ACCESS Software ■ Financial Services ■ Installation and Enterprise Administration ■ JMP Design of Experiments ■ Localization ■ Mainframe ■ Marketing Research ■ Migration ■ Microsoft Office Integration ■ Microsoft Windows, DOS and OS/2 ■ Performance ■ UNIX ■ VMS ■ SAS/AF Software and SAS/FSP Software ■ SAS/C Compiler and SAS/C C++ Compiler ■ SAS/CONNECT Software | <ul style="list-style-type: none"> ■ SAS Data Quality Server ■ SAS Enterprise Guide ■ SAS Financial Management ■ SAS/GRAPH Software ■ SAS Human Capital Management ■ SAS Information Delivery Portal ■ SAS Integration Technologies ■ SAS/IntrNet Software ■ SAS Management Console ■ SAS Marketing Automation ■ SAS OLAP Server and OLAP Cube Studio ■ SAS OnlineDoc ■ SAS Scalable Performance Data Server ■ SAS/SHARE Software ■ SAS Strategic Management ■ SAS/STAT, SAS/IML & SAS/OR Software ■ SAS System Maintenance Bug Fixes ■ SAS Web Report Studio Software ■ Web Clients & Solutions ■ Miscellaneous |
|--|--|

<http://support.sas.com/resources/papers/index.html>

II. Resources from the SAS® website

SAS Technical Papers » Base SAS Language, Procedures, ODS, and Macros

Papers Topic List

| Date | Title | File Size |
|------------|--|-----------|
| July 2009 | TS-673: Reading Delimited Text Files into SAS® | 94 KB |
| March 2009 | A SAS® Output Delivery System Menu for All Appetites and Applications (PDF) This document describes how to unleash the power of various ODS destinations to generate fantastic applications and reports. | 1.4 MB |
| March 2009 | ODS Packages: Pulling Some Zip in Your ODS Output (PDF) Learn how easy it is to use ODS packages and find out how they will impact the future of ODS. | 113.8 KB |
| March 2009 | Scalability of Table Lookup Techniques (PDF) This paper examines the issues of memory and disk space consumption and performance considerations for various table lookup techniques using large amounts of data. | 100.8 KB |
| March 2009 | Breaking New Ground with SAS® 9.2 ODS Layout Enhancements (PDF) This paper discusses the latest enhancements to ODS Layout that enable you to produce stunning brochures, killer Web sites, jaw-dropping dashboards, and breathtaking documents. | 1.3 MB |
| March 2009 | Customizing FREQ Procedure Output in SAS 9.2 (PDF) This paper introduces the new cross-tabulation table template, which enables you to customize PROC FREQ output and highlights how to use the template to accomplish some common tasks. | 543 KB |
| March 2009 | CSSSTYLE: Stylish Output with ODS and SAS 9.2 (PDF) This paper provides an introduction into the use of the new CSSSTYLE option in SAS 9.2. This option allows you to use cascading style sheet (CSS) style specifications for RTF and PDF files, in addition to HTML files. This paper includes a brief introduction to CSS syntax and some of the features, such as @media CSS sections, that are particularly useful when creating ODS output. | 439 KB |
| March 2009 | Dear Miss SAS Answers: A Guide to Efficient PROC SQL Coding (PDF) This paper answers commonly asked questions and helps you harness the potential of Structured Query Language. | 3.32 MB |

http://support.sas.com/resources/papers/tnote/tnote_base.html#

II. Resources from the SAS® website

Browse Samples & SAS Notes

Featured Links

- Browse by core products
- SAS/GRAPH samples by output
- DATA Step samples by topic category
- ODS usage notes and resources
- FASTats: Frequently Asked-For Statistics

Choose a topic below to list Samples & SAS Notes available for that topic.

Expand all topics

Analytics

Analysis of Means
Analysis of Variance
Bayesian Analysis
Bill of Material Processing
more...

Common Programming Tasks

Combining Data
Conditional Processing
Creating Output
Debugging
more...

Data Management

Access
Administration
Data Sources
Manipulation and Transformation

Query and Reporting

Creating Reports
Interactive Querying
ODS (Output Delivery System)
OLAP (Online Analytical Processing)
more...

SAS Reference

ARM (Application Response Measurement)
CALL routines
Commands
Component Objects
more...

System Administration

Communication
Impact Analysis
Installation
Logging
more...

Third Party

Data Sources
Information Exchange
Output
Products
more...

<http://support.sas.com/kb/?ct=51000>

II. Resources from the SAS® website

Samples & SAS Notes > Common Programming Tasks > Combining Data

Filter Results By: **Type** Priority Fixed Release Product Release Operating System SAS Release

List: 1 - 10 of 46 > >| Results per page: 10

| Date | Title | Type |
|----------|--|------------|
| 12/11/09 | <p>24453 - Why do I sometimes get different results when I do a many-to-one merge in one datastep followed by a second datastep with subsetting conditions versus doing the merge and subset in one datastep?</p> <p>When you do a many-to-one merge, the variable values in the non-duplicate dataset will be retained and carry down the BY-Group. The values are not reinitialized to missing until the BY-Group changes. If you are doing a ...</p> <p>http://support.sas.com/rb/24453.html, 33KB</p> | Usage Note |
| 12/9/09 | <p>24625 - Using KEY= to update a data set containing duplicates</p> <p>Update an indexed data set in place using the KEY= option to locate the matching observations.</p> <p>http://support.sas.com/rb/24625.html, 21KB</p> | Sample |
| 12/9/09 | <p>37328 - SAS evaluates ALL expressions in compound expressions</p> <p>All expressions in a compound expression are evaluated regardless of whether the Boolean truth of the compound expression could be determined by evaluating only the first or less than every expression</p> <p>http://support.sas.com/rb/37328.html, 21KB</p> | Usage Note |
| 10/14/09 | <p>36024 - An error occurs when you try to merge data sets with an alternative character-collating sequence set in the SORTSEQ= option</p> <p>When you try to merge two data sets and you have set the SORTSEQ= option to specify an alternative character-collating sequence, you might receive an error message saying that the input data sets cannot be combined ...</p> <p>http://support.sas.com/rb/36024.html, 21KB</p> | Usage Note |

<http://support.sas.com/kb/?ct=56001&qm=3&la=en>

II. Resources from the SAS® website

Samples & SAS Notes > Data Management > Manipulation and Transformation > Array processing

Filter Results By: **Type** Priority Fixed Release Product Release Operating System SAS Release

Applied Filters: (Reset All Filters)

Type: Sample (Reset Filter)

List: 1 - 10 of 22 > >| Results per page: 10

| Date | Title | Type |
|----------|---|--------|
| 8/7/09 | <p>24622 - Drop variables from a SAS data set when all its values are missing</p> <p>Use arrays and iterative DO loops to determine whether a variable's values are all missing. Create a macro variable whose value is the list of the variables to be dropped. Use the macro variable in a DROP statement in a ...</p> <p>http://support.sas.com/rb/24622.html, 20KB</p> | Sample |
| 2/8/08 | <p>24672 - Splitting long comment variables on word boundaries</p> <p>Split a variable containing a very long comment into shorter variables without splitting a word.</p> <p>http://support.sas.com/rb/24672.html, 20KB</p> | Sample |
| 1/9/08 | <p>24754 - Sort variable values within an observation</p> <p>Put all variable values in sorted order.</p> <p>http://support.sas.com/rb/24754.html, 18KB</p> | Sample |
| 4/30/07 | <p>24736 - Scanning for words in a string</p> <p>Using ARRAY processing and the SCAN function, pull out words from one string and store them in separate variables.</p> <p>http://support.sas.com/rb/24736.html, 17KB</p> | Sample |
| 12/23/06 | <p>24693 - Convert missing values to zero and values of zero to missing for numeric variables</p> <p>Use ARRAY processing to test all numeric values for a specific value, and reassign the value accordingly.</p> <p>http://support.sas.com/rb/24693.html, 21KB</p> | Sample |

<http://support.sas.com/kb/?q=contenttype:%22Sample%22+&qp=uri/kb/&la=en&qm=3&ct=53029&col=supprdr>

II. Resources from the SAS® website

SAS Focus Areas

SAS Focus Areas are here to address your needs as a SAS user and offer you an intimate look at new and existing SAS products and solutions. This section of the Customer Support Site was renamed from SAS Communities to SAS Focus Areas during the site update in October 2007.

Content Updates and Highlights

- SAS 9.2 Integration with IBM Tivoli Monitoring 6
- New discussion forum: SAS/GRAPH and ODS Graphics
- SAS Presents papers and presentations from SAS Global Forum 2009
- R Interface Now Available in SAS/IML Studio 3.2
- Migration Information for Metadata-Based Deployments

The Focus Is On...

Base SAS®

Take your base SAS software skills to the edge!

[visit now](#)

Data Visualization

Explore, discover, and communicate your information visually with SAS graphing components.

[visit now](#)

Enterprise Management Integration

Get tips, techniques and tools that enable integration with vendor enterprise IT system management facilities.

[visit now](#)

Migration

Lead your organization to SAS®9.

[visit now](#)

Scalability & Performance

Reduce the time-to-solution for your critical tasks.

[visit now](#)

Statistics & Operations Research

Leverage our work in statistics and operations research.

[visit now](#)

SAS® AppDev Studio

Use the Eclipse platform to support SAS applications.

[visit now](#)

<http://support.sas.com/rnd/index.html>

II. Resources from the SAS® website

Create a SAS Profile at

<http://www.sas.com/apps/userid/login.jsp>

MY PROFILE /

Hello, M. Bridget.

What would you like to do now?

- [Edit your profile](#) (change password, personal information, or topics of interest)
- [Manage your subscriptions](#)
- [Download white papers](#)
- [View webcasts](#)

On the Customer Support site, you may:

- [Order from the online publications catalog](#)
- [Register for a training course](#)
- [Access Self-Paced e-Learning](#)
- [Download software](#)
- [View Technical Support tracks](#)
- [Update users group interests](#)
- [Access SAS OnDemand for Academics](#)

Why register?

Because your SAS profile enables you to:

- Subscribe to award-winning *sas.com* magazine and a wide variety of SAS e-newsletters.
- Access SAS white papers and Webcasts.
- Save time when logging in since your profile will pre-fill other forms on sas.com.
- Stay informed about SAS publications, training and events.
- Access Self-Paced e-Learning.
- View Technical Support tracks.