

Supercharging proc contents

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Coders' Corner

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Key goal

View structure and
content in a glance

Explore data sets more
easily

Pick up data issues

Agenda

Business case

Challenges

Demo

Business case

CRO based operation required a tool to get acquainted with complex analysis data sets in an efficient way

Proc contents not enough to understand the structure, SAS viewer too cumbersome

New features in SAS made a new solution feasible



Challenges

Performance with large
complex data sets

Avoiding information
overload

Ease of use



Challenges

Performance with large complex data sets

Proc tabulate can produce an output data set which makes it possible to output all distinct values in all variables with high speed and use the information in a customized format.

Avoiding information overload

Ease of use



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Using JavaScript the HTML page can hide and show extra details

Ease of use



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Avoiding information overload

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Ease of use

Simple macro interface combined with an easy to use dynamic HTML report





Macro interface

Example

CRO laboratory
analysis data set

Creating an excel
version to help with
coding



Macro interface

```
%dscont(inds      = ,  
         limit     = ,  
         path      = ,  
         file      = );
```



Macro interface

inds

Input data set

limit

Sets a limit to the number of distinct variables shown in the report

path

Path to store the report

file

File name of the report



Dynamic variables

`&item`

Replaced by the variable in the vars list for which the code is generated

`&item2`

Replaced by the variable in the vars2 list for which the code is generated

`&itemno`

Replaced by the sequence number of the current item. Also depends on the startno parameter.

`&zitemno`

Replaced by a zero padded sequence number, 001, 002, 003,...



Contact

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