

ODS PDF Destination

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Meeting at Yale University
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Goal

- Brief introduction to a useful feature of Version 8 that is sometimes misunderstood
- Consider using instead of HTML when goal is attractively formatted printed output
- Can supplant DATA Null reporting
- Identify "gotchas" and times to use Postscript destination with Acrobat Distiller

Nothing Extra to Buy!

- PDF creation was introduced with SAS/GRAPH as part of Version 7
- PDF creation as part of base ODS was introduced on an experimental basis with Release 8.1
- Production in Release 8.2
- No requirement to purchase Acrobat but the full version of Acrobat is very handy

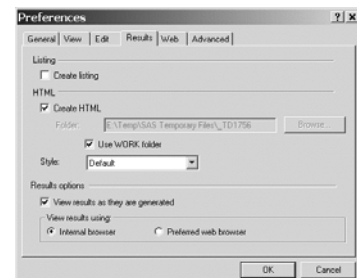
Simple Example

```
ods listing close ;  
ods pdf file='e:\temp\hasug1.pdf' ;  
proc print data=sasuser.veneer ;  
  run ;  
ods pdf close ;  
ods listing ;
```

Simple Example Notes

- "ODS Printer" no longer required
- Closing and reopening listing output is recommended preference
- "file=" not required but then you have to go search for sasprt.pdf
- Demo computer is set to display HTML instead of line printer text

Tools -> Options -> Preferences



Send As E-Mail Attachment

```
filename hasugpdf '<temp PDF file and path>' ;
ods pdf file=hasugpdf ;
    your SAS code goes here
ods pdf close ;
filename mailout email
to="e-mailaddress"
subject"Attachment for HASUG"
type="text/plain"
attach={"temp PDF file and path"
        ct='application/pdf' ext='pdf'} ;

data _null_ ; file mailout ; put 'Hello' ; run ;
```

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- Consider Postscript-PDFmark approach supplied by Lex Jansen. SEUGI paper: <http://www.lex-jansen.demon.nl/seugi>
- August HASUG Flash has a link to an excerpt from Lauren Haworth's book, *Output Delivery System: The Basics*. See Page 7 for the hyperlink.

Frequently Asked Questions

- Why are SAS-generated PDFs so big?
Answer: uncompressed
- Can I reposition the page number?
Answer: not until release 9.1
- Why only times, Helvetica, and courier?
Answer: see SN-005949
- Can I specify multiple panels?
Answer: see SN-005810, COLUMNS= option

Useful SAS Web Links

- Communities -> Base SAS -> ODS Resources
 - ODS PRINTER FAQ
- Technical Support -> FAQ -> SAS System ODS
 - ODS PRINTER/PDF
- Search the Tech Support Notes
- Publishing -> BBU -> ODS: The Basics
- User Groups -> SUGI Annual Conference
 - Online Proceedings

When Not to Use ODS PDF

- Page x of n
 - Use ODS RTF destination
- Combining SAS output with output from other applications
- When the size of PDF matters

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