

I Didn't Know You Could Do That

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I Didn't Know You Could Do That

PS AUTOMODIFY Function

- > **Reduce the number of print file entries in the SYSTEM/BACKUPFILELIST file**
- > **Detect print to specific printers**
 - Redirect them to a different printer
 - Modify PRINTDISPOSITION to DONTPRINT
- > **Example Program in Print System User's Guide "TRASHCANROUTER"**

[Print System User's Guide](#)



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PS AUTOMODIFY Function

- > **EXPORT** a single entry point
BOOLEAN PROCEDURE <procedure name>
(GET_ATT, SET_ATT);
 - **GET_ATT** and **SET_ATT** are PRINTSUPPORT procedures
 - **GET_ATT** retrieves attributes, e.g.,

DESTINATION	PAGECOMP
JOBNAME	TASKNAME
TITLE	BANNER

- **SET_ATT** alters attributes, e.g.,

DESTINATION	PAGECOMP
DELAY	

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PS AUTOMODIFY Function

Usage at University of Washington

- > **Default DESTINATION → PAGEPRINTER**
 - DMSII Statistics
 - Program dumps
- > **Redirect based on JOBNAME**
 - Print2Web printers
 - HOLDGROUP with optional DELAY
 - TRASHCAN



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REDIRECTLIST.txt_m

PS AUTOMODIFY Function

Redirect List Examples

```
JOB:*SYSTEM/TCPIPSUPPORT2, DEST:TRASHCAN, EMAIL:NONE
JOB:*SYSTEM/SOCKETSUPPORT, DEST:TRASHCAN, EMAIL:NONE

JOB:*SYSTEM/600/ACCESSROUTINES,
      DEST:P2W/UCSFSCCL1/CORA, EMAIL:DBAJOB

JOB:(PAYHEP009)MITSDB01/ACRLIBRARY, DEST:TRASHCAN, EMAIL:NONE
JOB:(SDBSDB001)SDBDB01/ACRLIBRARY, DEST:TRASHCAN, EMAIL:NONE
JOB:(DBAJOB)DBA/WFL/STATS, DEST:P2W/TITICACA/USERS, EMAIL:NONE

JOB:*SYSTEM/LOGANALYZER, DEST:HOLDGROUP, EMAIL:MCPTEAM, DELAY:3

JOB:"SESSION SUMMARY", DEST:P2W/UCSFSCCL1/CORA, EMAIL:NONE
```

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PS AUTOMODIFY Function

Application Logic

- > **Initialization**
 - Get the system's DEFAULT DESTINATION
 - Load the REDIRECT List into Arrays
- > **Freeze Temporary**
 - Export AUTOMODIFY as "PSMODIFYROUTER"
 - PS AUTOMODIFY **PSMODIFY** IN *SYSTEM/AUTOMODIFY

*** Note that PRINT/SUPPORT adds the string "ROUTER" to the end of the entrypoint, so PSMODIFY becomes PSMODIFYROUTER**

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PS AUTOMODIFY Function

AUTOMODIFY Procedure

- > **GET_ATTR (VALUE(DESTINATION), ...)**
 - If destination isn't PAGEPRINTER, get out
 - If destination is PAGEPRINTER
 - > **GET_ATTR (VALUE(PAGECOMP), ...)**
 - Look for keyword "IGNORE"
 - If found, get out (already processed)
 - > **GET_ATTR (VALUE(JOBNAME), ...)**
 - Lookup JOBNAME in REDIRECT arrays
 - If found, alter DESTINATION, DELAY, and send EMAIL
 - Add "IGNORE" to PAGECOMP string
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PS AUTOMODIFY Function

Reloading REDIRECT List

- > **Uninstall it**
PS DEFAULT AUTOMODIFY –
- > **Reinstall it**
PS DEFAULT AUTOMODIFY
= "PSMODIFY IN *SYSTEM/AUTOMODIFY ON DISK"

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