

# Customer Tips

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May 9, 2005

*... for the user*

## *Modifying the AIX Queue for 11x17 Output*

### Purpose

This document describes a method to add an option to an AIX print queue so that it prints on 11x17" (also know as "tabloid" or "C-size") media. The print queue is configured as a remote or **Jetadmin**/Laserjet 5Si device, set up using the SMIT administration tool.

### Specifying Paper Size by Changing the Q4 Option

This method uses the print command **qprt** as shown:

**qprt -P<queue> -Q<int> -Bnn filename**

When using the above command, the actual AIX print queue name is substituted for **<queue>**. A number is substituted for **<int>** where the number: 1 (**-Q1**) indicates letter-size ( 8.5x11") output or 2 (**-Q2**) indicates legal size (8.5x14"). No **-Q** option numbers causes a job to print on 11x17. The solution presented here changes the print queue properties so that using 4 (**-Q4**) causes the following command to print a job to print on 11x17 media:

**qprt -P<queue> -Q4 -Bnn filename**

### Editing the Print Queue Attributes

Editing the print queue attributes requires root login. Begin with the **lsvirprt** command:

**lsvirprt**

A list is displayed. From the list, type the number that corresponds to the print queue name you want to edit.

Edit the **es** attribute by entering:

**es~v**

You are now in **vi** editing the **es** attribute. The following example shows the print queue attributes for Page Size:

Set Page Size

```
es =
\33&l%G_Q%Pq%?%GWu%{3}%<%GWu%{5}%>|%%?%gq%{1}%=%t2%e%gq%{2}%=%t3%e%gq%{4}%=%t26%e%gq%{5}%=%t1%e2%;%e%?%gq%{1}%=%t80%e%gq%{3}%=%t81%e%gq%{4}%=%t90%e%gq%{5}%=%t91%e80%;;A
```

```
'\33&l'
```

This document applies to these **Xerox** products:

x	WC Pro C2128/C2636/C3545
x	WC Pro 165/175
x	WC M165/M175
x	WC Pro 32/40 Color
x	WC Pro 65/75/90
x	WC Pro 35/45/55
x	WC M35/M45/M55
x	DC 555/545/535
x	DC 490/480/470/460
x	DC 440/432/425/420
x	DC 332/340
x	DC 265/255/240
x	DC 220/230
x	DCCS 50

```

%G_Q      PUSH: (PAPER SIZE override for input paper source)
%Pq      POP -> Internal Variable q
%?      <IF>
    %GWu   PUSH: (Calculate value for paper source based on _O and _u.)
    %{3}   PUSH: (Integer Constant 3)
    %<     PUSH: (pop2 < pop1 ?)
    %GWu   PUSH: (Calculate value for paper source based on _O and _u.)
    %{5}   PUSH: (Integer Constant 5)
    %>     PUSH: (pop2 > pop1 ?)
    %|     PUSH: (pop2 | pop1) -- Bitwise OR
%t      <THEN>
    %?      <IF>
        %gq  PUSH: (Internal Variable q)
        %{1} PUSH: (Integer Constant 1)
        %=   PUSH: (pop2 = pop1 ?)
    %t      <THEN>
        '2'
    %e      <ELSE>
        %gq  PUSH: (Internal Variable q)
        %{2} PUSH: (Integer Constant 2)
        %=   PUSH: (pop2 = pop1 ?)
    %t      <THEN>
        '3'
    %e      <ELSE>
        %gq  PUSH: (Internal Variable q)
        %{4} PUSH: (Integer Constant 4)
        %=   PUSH: (pop2 = pop1 ?)
    %t      <THEN>
        '26'
    %e      <ELSE>
        %gq  PUSH: (Internal Variable q)
        %{5} PUSH: (Integer Constant 5)
        %=   PUSH: (pop2 = pop1 ?)
    %t      <THEN>
        '1'
    %e      <ELSE>
        '2'
    %;      <END>
%e      <ELSE>
    %?      <IF>
        %gq  PUSH: (Internal Variable q)
        %{1} PUSH: (Integer Constant 1)
        %=   PUSH: (pop2 = pop1 ?)
    %t      <THEN>
        '80'
    %e      <ELSE>
        %gq  PUSH: (Internal Variable q)
        %{3} PUSH: (Integer Constant 3)
        %=   PUSH: (pop2 = pop1 ?)

```

This is the line in the print queue attributes that you change to enable 11 x 17 output. Change '26' to '6'. The '26' value enables A4 output.

```

%t      <THEN>
      '81'
%e      <ELSE>
      %gq  PUSH: (Internal Variable q)
      %{4} PUSH: (Integer Constant 4)
      %=   PUSH: (pop2 = pop1 ?)
%t      <THEN>
      '90'
%e      <ELSE>
      %gq  PUSH: (Internal Variable q)
      %{5} PUSH: (Integer Constant 5)
      %=   PUSH: (pop2 = pop1 ?)
%t      <THEN>
      '91'
%e      <ELSE>
      '80'
%;      <END>
%;      <END>
'A'

```

Save the file to maintain your changes. The 11 x 17 paper size option is now enabled.

## Additional Information

Acknowledgement: Gary Ames in Customer Support provided the information for this document.

Xerox Customer Support welcomes feedback on all documentation - send feedback via e-mail to: [USA.DSSC.Doc.Feedback@mc.usa.xerox.com](mailto:USA.DSSC.Doc.Feedback@mc.usa.xerox.com).

You can reach Xerox Customer Support at 1-800-821-2797 (USA), TTY 1-800-855-2880 or at <http://www.xerox.com>.

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