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Display Active and Waiting Jobs and Corresponding Job Queues

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The final installment of my Display Work Management commands suite is the Display Job Queue Jobs (DSPJOBQJOB) command.

Did you ever wonder what JOBQ an active job came from? This can be really important when you try to decide whether a job in a queue needs to be moved to another queue. If you just move a job to another queue that cannot release an additional job, you're still in the same boat after you move it. This command shows you which jobs came from which job queues, and which jobs are backed up in the job queue.

The command lists all jobs currently waiting in the queue and jobs that are active that came from that job queue. You can run the DSPJOBQJOB command from a command line and from the Display Subsystem Job Queue (DSPSBSJOBQ) command's display panel. The DSPSBSJOBQ command was presented in the previous installment of this article series, links to the previous utilities are provided at the end of this article.

The resulting display panel for DSPJOBQJOB command looks like this:

```

                                Display Job Queue Jobs

WYNDHAMW
                                26-03-07

08:50:25
Job queue   . . . :   QBATCH           Job queue status :   RLS
Library     . . . :   QGPL             Subsystem   . . . :   QBATCH

Type options, press Enter.
5=Display job

Submitted          Current          Job          Entered
Opt  Job           User           Type  Pty  ----Status-----  Time      By
      ACCRCVCL      QPGMR           BCH    5   JOBQ      HLD      13:41:40
      QPGMR
      DSCCTL01      QPGMR           BCH    5   JOBQ      HLD      13:41:43
      QPGMR

      Bottom
F3=Exit   F5=Refresh   F11=Job origin   F12=Cancel   F17=Top
F18=Bottom
F21=Print list

```

The utility's help panel group provides online, cursor-sensitive help text for both the command and the display panel. Command key F11 lets you toggle between job status and job origin information. Specifying option 5 for a job lets you immediately run the Display Job (DSPJOB) command for the selected job(s), provided you have the required authority to the job.

The DSPJOBQJOB command is comprised of the following source code:

CBX968	RPGLE	Display Job Queue Jobs - CCP
CBX968E	RPGLE	Display Job Queue Jobs - UIM Exit Program
CBX968H	PNLGRP	Display Job Queue Jobs - Help
CBX968P	PNLGRP	Display Job Queue Jobs - Panel Group
CBX968V	RPGLE	Display Job Queue Jobs - VCP
CBX968X	CMD	Display Job Queue Jobs
CBX968M	CLP	Display Job Queue Jobs - Build command

Compilation instructions are in the source headers. Compiling and running the CBX968M CL program builds all command objects for you, just follow the instructions in the CBX968M source header. Depending on who is going to actually use the DSPJOBQJOB command, be careful to set the command's Allow Limited User (ALWLMTUSR) parameter and the command object's public and private authorities accordingly.

You can download a zip file containing all the source code from

<http://www2.systeminetwork.com/noderesources/code/clubtechcode/dspjobqjob.zip>

Note: As with all new programs, test these routines thoroughly before placing them into a production environment. No warranty is expressed or implied.

Previously published articles and commands:

[The Display User Jobs \(DSPUSRJOB\) command:](#)

[The Display Subsystem Activity \(DSPSBSACT\) command:](#)

[The Display Subsystem Job Queue \(DSPSBSJOBQ\) command:](#)

Source URL: <http://iprodeveloper.com/systems-management/display-active-and-waiting-jobs-and-corresponding-job-queues>