


[print](#) | [close](#)

## Carsten's New Command to Print Job Run Attributes

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Currently, there's no easy way to locate jobs that are spending a lot of CPU cycles over time or using up a lot of temporary storage. The PRTJOBRUNA (Print Job Run Attributes) command lets you print a list displaying most of the information available in the DSPJOB OPTION(\*RUNA) panel, then sort it in either CPU time or temporary storage usage order. A couple of command parameters also give you the option to specify a lower limit of either usage to reduce the number of jobs included in the list. This list can be further narrowed by specifying a specific job type.

Here is the PRTJOBRUNA command.

```

                                Print Job Run Attributes (PRTJOBRUNA)

Type choices, press Enter.

Job type . . . . . *ALL          *ALL, *AUTOSTART,
*BATCH...
CPU time limit in millisecs . *NONE      Number, *NONE
Temporary storage limit Mb . *NONE      Number, *NONE
Printing order:
Sort fields . . . . . *CPUTIM      *CPUTIM, *TMPSTG
Sequence . . . . . *DESCEND      *ASCEND, *DESCEND

                                Additional Parameters

Job description . . . . . *USRPRF      Name, *USRPRF
Library . . . . .          Name, *LIBL, *CURLIB
Output queue . . . . . *CURRENT      Name, *CURRENT,
*JOBID,
*USRPRF
Library . . . . .          Name, *LIBL, *CURLIB

```

Here's an example of the report produced by the command.

```

24/02/06 18:26:17          Job Run Attributes          Program:
CBX9522  Page: 1

                                Run Time          Deflt Max.          CPU ms

Temp.  Stg.  DB
Job      User      Number  pty. slice  Purge wait  CPU      used
storage Mb  CPU

```

AMQCRSTA	QMQM	244511	35	2000	*YES	30	*NOMAX	158275
*NOMAX 4	0							
RUNMQCHL	QMQM	244473	35	2000	*YES	30	*NOMAX	151998
*NOMAX 5	15							
QYPSJSVR	QYPSJSVR	257891	10	2000	*YES	30	*NOMAX	151381
*NOMAX 60	0							
AMQCRSTA	QMQM	244533	35	2000	*YES	30	*NOMAX	142915
*NOMAX 4	0							
RUNMQCHL	QMQM	244490	35	2000	*YES	30	*NOMAX	141990
*NOMAX 5	0							

The command will submit the command processing program to run in batch to avoid a negative impact on the system's workload and response times.

For more details, refer to the help panel group.

The following source code is included. As always, check the source code headers for compile instructions and additional documentation.

CBX952H	PNLGRP	Print Job Run Attributes - Help
CBX952V	CLP	Print Job Run Attributes - VCP
CBX952X	CMD	Print Job Run Attributes
CBX9521	CLP	Print Job Run Attributes - CPP 1
CBX9522	RPGLE	Print Job Run Attributes - CPP 2

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

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

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

**Source URL:** <http://iprodeveloper.com/systems-management/carstens-new-command-print-job-run-attributes>