

Replacing PCHKOUTQ with the new PCHKOUTQS command.

This document tells you how you use the new Check Output Queues (PCHKOUTQS) command to monitor the number of files in the output queues.

Verify that the default reference lists have been set correctly.

This may appear on some installations. There for your should use the following command to edit the reference list file:

```
Upddta BUE9REP
```

Verify the following list names exist in the file and have the specified type as shown in the table below. Press PageDown to display the next record in the file.

List name	OUTQ	JOBQ
Text	Output queues	Job queues
Type	*OUTQ	*JOBQ

Determine the current monitoring

Use the following command to edit the monitoring file job:

```
Pedtfiljob CHKOUTQE
```

Analyze the current PCHKOUTQ commands used. Example:

<i>Commands in the file job</i>
PCHKOUTQ MAXNBR(500) OMIT(GSMTEXT EZDEBUG QEZJOBLOG PRT03 PRT01) COND(OUTQ_NBR_OF_FILES)
PCHKOUTQ QEZJOBLOG MAXNBR(2000) CMD('Psetcond OUTQ_NBR_OF_FILES *warning')

Witch means the following:

- OPRS checks to see if there are any output queues holding more than 500 files. The output queues specified in the OMIT parameter will be ignored.
- Condition OUTQ_NBR_OF_FILES will be set to *WARNING if output queue QEZJOBLOG contains more than 2000 files.

Specifying monitoring parameters for the PCHKOUTQS command

Type the following command and press Enter:

```
PWRKOUTQS
```

The following screen will be displayed:

```

BWAADFR                                Work with queues

Type options, press Enter.
 2=Work with monitoring values   5=Work with   8=Description   9=Start

Opt Library   Queue           Files  Writer   Sts  Remote system
-  QGPL        BRMEENETT      12     RLS
-  QGPL        BRMVARNER      28     RLS
-  QGPL        CPAS408        0      RLS
-  QGPL        EMAIL          0      RLS
-  QGPL        LOG            107    RLS
-  QGPL        LTOSTAT        4      RLS
-  QGPL        MAIL_JORD      2      RLS
-  QGPL        NISINF         0      RLS  Info fra NIS400
-  QGPL        PDSOPRS        53     RLS
-  QGPL        PRINTER1       0      RLS  212.18.143.165
-  QGPL        PRINTER2       0      RLS  212.18.143.164
-  QGPL        PRINTER3       0      RLS  212.18.143.161

F9=Active only on/off   F10=Warnings only on/off   F11=Omit empty queues
F14=Default monitoring values   F15=Work with monitoring entries   F17=Subset

```

The first thing to do is to specify the default value for any queue. Press F14 to work with default monitoring values. The following screen will be displayed:

```

EWI4E1R                                Work with reference list entry

Type changes, press Enter.

Reference list name :   OUTQ
Library name . . . . :   *ANY
Object name . . . . :   *ANY

Min.nbr. of entries .  _____ 0
Max.nbr. of entries .  _____ 500
Normal status . . . . :  *ANY_____ (Press F8 for next value)
Text . . . . . _____

F3=Exit   F8=Next value   F9=Retrieve description

```

The MAXNBR for the old PCHKOUTQ command was 500. Therefore specify 500 in the “Max.nbr of entries” field.

Specify *ANY in the “Normal status” field. Press Enter. You will return to the previous screen.

The next thing to do is to omit a number of output queues from being monitored. Use option 2=“Work with monitoring values” for the actual output queues. In our example we will option “2” on the following output queues:

GSMTEXT QEZDEBUG QEZJOBLOG PRT03 PRT01

Once again the “Work with reference list entry” screen is displayed:

```
BWI4E1R                Work with reference list entry

Type changes, press Enter.

Reference list name :   OUTQ
Library name . . . . :   QUSRSYS
Object name . . . . :   QEZDEBUG

Min.nbr. of entries .  _____ 0
Max.nbr. of entries .  _____ 40000
Normal status . . . . :  *ANY_____ (Press F8 for next value)
Text . . . . .         _____

F3=Exit   F8=Next value   F9=Retrieve description
```

In our example the QEZDEBUG should be omitted. Do this by specifying a large number for the “Max.nbr of entries” field. Specify *ANY in the “Normal status” field. Press Enter. You will return to the previous screen.

For output queue QEZJOBLOG, the maximum number of files should be set to 2000.

```
BWI4E1R                Work with reference list entry

Type changes, press Enter.

Reference list name :   OUTQ
Library name . . . . :   QUSRSYS
Object name . . . . :   QEZJOBLOG

Min.nbr. of entries .  _____ 0
Max.nbr. of entries .  _____ 2000
Normal status . . . . :  *ANY_____ (Press F8 for next value)
Text . . . . .         _____

F3=Exit   F8=Next value   F9=Retrieve description
```

Why you should use the PCHKOUTQS command

- It is easier to omit queues from being monitored
- It is easier to specify monitoring values for selected queues
- The old implementation was restricted to a command string of maximum 200 characters
- User friendly display instead of the old CL command interface
- More options available on the screen
 - Press F9 to display active writers only
 - Press F10 to display output queues in error only