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Enhanced Command to Work with Journals - WRKJRN2

[System iNetwork Systems Management Newsletter](#)

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Wed, 06/06/2007 (All day)

Inspired by an [article written by Dan Riehl](#) that describes a runaway journal receiver directory scenario, as well as by my own disappointment in IBM's Work with Journal (WRKJRN) command's usefulness in the daily journal administration, I've created a Work with Journal 2 (WRKJRN2) command. This command lets you specify the journal name, library, output, and list order directly on the command line without having to first run the command. This improvement also lets you run the command for a specific journal selection from a menu or a program.

The display presented by the command shows journal type and state; journal receiver count and aggregate size; currently attached; and the oldest receiver in the receiver directory (along with other information). All this information provides an instant overview of your current journal status. You can create, change, and delete a journal, and issue the Work with Journal Attributes and Work with Object commands against the listed journals from the panel. The function keys include shortcuts to the Create Journal and the native Work with Journal commands, as well as to the Journal Commands Menu.

This provides a faster and more convenient interface to the daily monitoring and administration of your system's journals. Please note that depending on the number of journals and journal receivers on your system, as well as the current system workload, the time required for the WRKJRN2 command to collect the requested information will vary.

Work with Journal 2 (WRKJRN2) command prompt:

```

                                Work with Journal 2 (WRKJRN2)

Type choices, press Enter.

Journal . . . . . *ALL          Name, generic*, *ALL
Library . . . . . *LIBL        Name, *LIBL, *CURLIB...
List order . . . . . *JRN      *JRN, *LIB
Output . . . . . *            *, *PRINT
  
```

And here's the initial Work with Journal 2 panel:

```

                                Work with Journal 2

WYNDHAMW

19:42:31
Journal . . . . . : *ALL
Library . . . . . : *LIBL
  
```

```

Type options, press Enter.
  2=Change   4=Delete   5=Display   8=Work with journal attributes
  9=Work with object

-----Receiver-----
-----
Opt  Journal      Library   Type  State      Count      Directory
size (K)
   QACGJRN      QSYS      *LCL  *ACTIVE      49
207556
   QAOSDIAJRN   QUSRSYS   *LCL  *ACTIVE      43
186060
   QASOSCFG     QUSRSYS   *LCL  *ACTIVE      94
21256
   QAUDJRN      QSYS      *LCL  *ACTIVE      11
2808172
   QDSNX        QUSRSYS   *LCL  *ACTIVE      18
1944
   QLZALOG      QUSRSYS   *LCL  *ACTIVE      95
10820
   QMAJRN       QUSRSYS   *LCL  *ACTIVE       4
432
   QO1JRN       QUSRSYS   *LCL  *ACTIVE       2
320

More...
Parameters or command
===>
F3=Exit    F4=Prompt    F5=Refresh    F6=Create journal
F9=Retrieve
F11=Display receivers  F12=Cancel    F20=Journal commands  F24=More
keys

```

Pressing F11 displays more journal and journal receiver information. Using the screen options, you can run a number of journal commands directly from the journal list. Also note that the function keys offer shortcuts to various journal-related commands.

Comprehensive help text can be found in the panel group included for both Command and Work with panel.

The WRKJRN2 command is created from the following source code:

```

CBX970  -- RPGLE  -- Work with Journal 2 - CCP
CBX970E -- RPGLE  -- Work with Journal 2 - UIM Exit Program
CBX970H -- PNLGRP -- Work with Journal 2 - Help
CBX970P -- PNLGRP -- Work with Journal 2 - Panel Group
CBX970V -- RPGLE  -- Work with Journal 2 - VCP
CBX970X -- CMD    -- Work with Journal 2

```

```

CBX970M -- CLP    -- Work with Journal 2 - Build command

```

Compiling and running CBX970M will create all command objects. Please read the source headers for further instructions.

Click [here](#) to download a zip file containing all the source code.

Source URL: <http://iprodeveloper.com/availability/enhanced-command-work-journals-wrkjrn2>