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Carsten's Corner - New Subsystem Entry Commands - Part 4

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In this final installment of the subsystem entry command article series I present the **Work with Subsystem Entry** (WRKSBSE) command. The **WRKSBSE** command allows you to select all or a subset of the subsystem descriptions found on your system. For each subsystem description the Work with Subsystem Entries list panel enables you to run any of the previously published subsystem entry commands as well as a few of the native System i subsystem commands.

As for the subsystem entry commands, to sum it all up – here's a list of the subsystem entry commands presented in this article series so far:

- Work with Routing Entries (WRKRTGE)
- Work with Job Queue Entries (WRKJOBQE)
- Work with Autostart Job Entries (WRKAJE)
- Work with Prestart Job Entries (WRKPJE)
- Work with Communication Entries (WRKCMNE)
- Work with Work Station Entries (WRKWSE)

I've included links at the end of this article to the three articles including the subsystem entry commands listed above. Now let's turn to today's addition to the collection of subsystem entry commands, here's the **WRKSBSE** command prompt:

```

Work with Subsystem Entries (WRKSBSE)

Type choices, press Enter.

Subsystem . . . . . *ACTIVE      Name, generic*,
*ACTIVE, *ALL
Library . . . . . Name, *LIBL,
*CURLIB...
Exclude subsystem library . . . *NONE      Name, generic*,
*NONE
  
```

Specifying the default special value ***ACTIVE** for the Subsystem parameter causes all currently active subsystems to be listed. You also have the option of specifying the special value ***ALL** to include all subsystems found in the specified library, or libraries, if one of the library special values are used. A subsystem name or generic name is also supported.

The Exclude subsystem library parameter enables you to avoid including copies of system subsystem descriptions found in libraries such as QINMEDIA, QINPRIOR and QINSYS, should these be installed on your system and qualify due to the special value specified for the subsystem library parameter. Simply specify the generic name **QIN*** to omit the aforementioned libraries. The following list panel results from running the WRKSBSE command with default parameter setting on my system:

Work with Subsystem Entries					
WYNDHAMW					
30-04-10					
14:15:59					
Type options, press Enter.					
2=Change 4=Delete 5=Display 6=Routing entries 7=Job queue entries					
8=Autostart job entries 9=Prestart job entries...					
Opt	Subsystem	Library	Status	Max jobs	Current active
On queue					
	QBASE	QSYS	*ACTIVE	*NOMAX	0
0					
	QBATCH	QSYS	*ACTIVE	*NOMAX	12
7					
	QCMN	QSYS	*ACTIVE	*NOMAX	7
0					
	QCTL	QSYS	*ACTIVE	*NOMAX	2
0					
	QDSNX	QGPL	*INACTIVE	*NOMAX	0
*NOTALC					
	QFNC	QGPL	*INACTIVE	*NOMAX	0
*NOTALC					
	QINTER	QSYS	*ACTIVE	*NOMAX	249
0					
	QLPINSTALL	QSYS	*INACTIVE	*NOMAX	0
*NOTALC					
	QMOM	QMOM	*ACTIVE	*NOMAX	38
0					
	QPGMR	QSYS	*ACTIVE	*NOMAX	7
12					
	QSERVER	QSYS	*ACTIVE	*NOMAX	66
0					
More...					
Parameters or command					
===>					

```

F3=Exit      F4=Prompt      F5=Refresh      F6=Create subsystem      F9=Retrieve

F11=Display text      F12=Cancel      F21=Print list      F23=More
options

```

Pressing function key **F23** reveals the following additional list options which are also available from the list panel shown above:

```

10=Start subsystem      11=End subsystem      12=Work with      14=Subsystem
jobs
16=Communication entries      17=Work station names      18=Work station
types...

```

As mentioned, this makes all previously published subsystem entry commands immediately available in the Work with-list panel. To further explain the various parts of the list, I've included a cursor sensitive help text. Simply point the cursor to the part or column of the list that you want to learn more about and press the function key F1.

The following sources are involved in creating the WRKSBSE command:

```

CBX998      -- RPGLE      -- Work with Subsystem Entries - CCP
CBX998E     -- RPGLE      -- Work with Subsystem Entries - UIM Exit Program
CBX998H     -- PNLGRP     -- Work with Subsystem Entries - Help
CBX998P     -- PNLGRP     -- Work with Subsystem Entries - Panel Group
CBX998V     -- RPGLE      -- Work with Subsystem Entries - VCP
CBX998X     -- CMD        -- Work with Subsystem Entries

CBX998M     -- CLP        -- Work with Subsystem Entries - Build command

```

To create all above objects, compile and run **CBX998M**, following the instructions in the source header. As always, you'll also find compilation instructions in the respective source headers.

Previously published subsystem entry commands articles from Carsten's Corner.

[Carsten's Corner - New Subsystem Entry Commands – Part One](#)

[Carsten's Corner - New Subsystem Entry Commands – Part Two](#)

[Carsten's Corner - New Subsystem Entry Commands – Part Three](#)

[Click here to download all the source code for the WRKSBSE command.](#)

Source URL: <http://iprodeveloper.com/systems-management/carstens-corner-new-subsystem-entry-commands-part-4>