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Carsten's Corner - New Subsystem Entry Commands - Part 3

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Wed, 05/05/2010 (All day)

In the past two articles I have presented four new subsystem entry commands and also a couple of other subsystem entry related commands. The commands presented so far include the **WRKRTGE**, **WRKJOBQE**, **WRKAJE**, **WRKPJE** as well as the **WRKJOBQJOB** and **SBMJOBQJOB** commands. In today's article I will cover the remaining two subsystem entry types, communications entries and work station entries.

Adding to the aforementioned previously published commands this article will introduce you to the Work with Communication Entries (**WRKCMNE**) and the Work with Work Station Entries (**WRKWSE**) commands. The WRKWSE command supports both name and type work station entries. Completing the subsystem entry suite of commands will enable you to perform all subsystem entry maintenance using a list panel interface, as opposed to entering the various commands and parameters on a command line. Let's begin with the WRKCMNE command; here's how the command's prompt panel looks:

```

                                Work with Communication Entrs (WRKCMNE)

Type choices, press Enter.

Subsystem . . . . . Name
Library . . . . . *LIBL Name, *LIBL, *CURLIB
  
```

As for all the other commands presented so far there's a help text panel group filling you in on the details of the command and its parameters. Running the **WRKCMNE** command on my system returns the following list panel:

```

                                Work with Communication Entries

WYNDHAMW
20:06:41
Subsystem . . . : QCMN Subsystem status :
*ACTIVE
                                28-03-10
  
```

```

Library . . . :      QSYS

Type options, press Enter.

2=Change    3=Copy    4=Remove    5=Work with Job description

                                Default      Max.      Job
Opt  Device      Mode      User      Active  Description  Library

  *ALL          *ANY      *SYS      *NOMAX  *USRPRF
  *ALL          QPCSUPP   *SYS      *NOMAX  *USRPRF
  *ALL          QCASERVR  *NONE     *NOMAX  *USRPRF
Q1PLOC         Q1PMOD    *NONE      0      *USRPRF
  *ALL          QBRM      QBRMS     *NOMAX  *USRPRF
  *APPC         QSOCCT    QUSER     *NOMAX  *USRPRF
  *ALL          QIJS      QIJS      *NOMAX  *USRPRF

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Parameters or command

==>

F3=Exit    F4=Prompt    F5=Refresh    F6=Add communication entry
F9=Retrieve
F11=View 2    F12=Cancel    F21=Print list    F24=More keys

```

A number of options are available to perform against the communications entries in the above list panel. You are able to change, copy and remove one or more communication entries as well as display an entry's job description, if any is associated. The command's help text panel group includes documentation for the list panel and all its parts. The WRKWSE command interface is closely matching the **WRKCMNE** command's but has an additional parameter, determining whether the work station entries listed should include the work station entries by name or work station entries by type. Here's the command prompt:

```
Work with Work Station Entries (WRKWSE)
```

Type choices, press Enter.

```
Subsystem . . . . . Name
Library . . . . . *LIBL Name, *LIBL, *CURLIB
Work station entry type . . . . *NAME *NAME, *TYPE
```

Refer to the command's help text panel group for all the details of the command and its parameter. I ran the **WRKWSE** command by entry type for subsystem **QINTER** on my machine, specifying the following command string:

WRKWSE SBS(QINTER) ENTTYPE(*TYPE)

The above command returned the following result:

```

                                Work with Work Station Entries
WYNDHAMW
                                28-03-10
20:09:18
  Subsystem . . . :  QINTER          Subsystem status :
*ACTIVE
  Library . . . :   QSYS

Type options, press Enter.

  2=Change   3=Copy   4=Remove   5=Work with Job description

      Workstation  Max.              Job
Opt  Type          Active  Allocation  Description  Library    Text
-----
  *ALL          *NOMAX  *SIGNON   *USRPRF
  *CONS          *NOMAX  *ENTER    *USRPRF
```

```

Bottom
Parameters or command

```

```

===>

```

```

F3=Exit    F4=Prompt    F5=Refresh    F6=Add work station entry
F9=Retrieve
F11=Show types only    F12=Cancel    F21=Print list    F24=More keys

```

Again, you have the option to change, copy or remove any listed work station entry or to work with the job description associated with it. Also, similar to all the other list panels, cursor sensitive help text is available to explain all the details of the list panel, its options and function keys as well as the list columns.

In the next and final installment of this subsystem entry article series I will present the Work with Subsystem Entries (WRKSBSE) command which will constitute a single point of entry for all the previously published subsystem entry commands.

The following sources are involved in creating the **WRKCMNE** and **WRKWSE** commands:

```

CBX9971  -- RPGLE  -- Work with Communication Entries - CCP

CBX9971E -- RPGLE  -- Work with Communication Entries - UIM Exit
Program
CBX9971H -- PNLGRP -- Work with Communication Entries - Help

CBX9971P -- PNLGRP -- Work with Communication Entries - Panel Group

CBX9971V -- RPGLE  -- Work with Communication Entries - VCP

CBX9971X -- CMD    -- Work with Communication Entries


CBX9972  -- RPGLE  -- Work with Workstation Entries - CCP

CBX9972E -- RPGLE  -- Work with Workstation Entries - UIM Exit Program
CBX9972H -- PNLGRP -- Work with Workstation Entries - Help
CBX9972P -- PNLGRP -- Work with Workstation Entries - Panel Group
CBX9972V -- RPGLE  -- Work with Workstation Entries - VCP
CBX9972X -- CMD    -- Work with Workstation Entries
CBX9973  -- RPGLE  -- Work with Workstation Entries - CCP
CBX9973P -- PNLGRP -- Work with Workstation Entries - Panel Group


CBX9971M -- CLP    -- Work with Communication Entries - Build command
CBX9972M -- CLP    -- Work with Workstation Entries - Build command

```

To create all above objects, compile and run CBX9971M and CBX9972M, following the instructions in each source header. As always, you'll also find compilation instructions in the respective source headers.

[You can Download all the source code here.](#)

Source URL: <http://iprodeveloper.com/systems-management/carstens-corner-new-subsystem-entry-commands-part-3>