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New CL Command to Manage NetServer File and Print Shares

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Over the last few months, I have presented several utilities to help you manage NetServer shares. This article is the culmination of that series, finishing up with the command Work with NetServer Shares (WRKSVRSHR). The command provides a full management facility for NetServer Shares, which before was available only through the iSeries Navigator GUI interface.

You can run the WRKSVRSHR command interactively or submit it to batch. When it's run interactively, the share management options are available; when it's run in batch or option *PRINT is selected, a report of shares is created.

The command prompt is as follows:

```

                                Work with Server Shares (WRKSVRSHR)

Type choices, press Enter.

Share . . . . . *ALL_____ Name, generic*, *ALL
Type . . . . . *ALL_____ *ALL, *FILE, *PRINT
Output . . . . . *_____ *, *PRINT
  
```

Running the command above presents a familiar "Work with" panel similar to the one below that lists the selected NetServer shares:

```

                                Work with Server Shares

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Share . . . . . *ALL_____ Position to . . . _____
Type . . . . . *ALL_____

Type options, press Enter.
  2=Change   4=Remove   5=Display   6=Print   9=Work with authority

Opt  Share      Type      Text
  _   QCA400     *FILE     CA/400
  _   QDIRSRV    *FILE     OS/400 -- Directory Services
  _   QDLS       *FILE     Common HFS directory
  _   QIBM       *FILE     IBM Product Directories
  _   QOPENSYS   *FILE     Common IFS directory
Parameters or command
  
```

```

====>
F3=Exit      F4=Prompt      F5=Refresh      F6=Add server share      F9=Retrieve
F11=Display resource      F12=Cancel      F17=Top      F18=Bottom

```

On the display, you can change the share subset that is shown. For the share name, specify *ALL, a generic share name, or a specific share name. You can also use share type to subset the presented list to files or printers. Use F17=Top, F18=Bottom, or the "Position to" field to position the list. Press F11 to see the actual shared resource. The panel options are self-explanatory, and the F6=Add key is included to let you add a new NetServer share. Full online help text is provided for both the command and work-with-panel.

For more details about command parameters and command usage, 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.

```

CBX964      RPGLE      Work with Server Shares -- CPP
CBX964E      RPGLE      Work with Server Shares -- UIM Exit Program
CBX964H      PNLGRP      Work with Server Shares -- Help
CBX964P      PNLGRP      Work with Server Shares -- Panel Group
CBX964V      RPGLE      Work with Server Shares -- VCP
CBX964X      CMD        Work with Server Shares

```

Copy the above source members to the appropriate source files in your library, then compile and run the program below to create all command objects. Pass a single parameter to the program, specifying the library where your source files are located. The WRKSVRSHR command objects will be created in the specified library.

```

CBX964M      CLP        Work with Server Shares -- Build command

```

You can download a zip file containing all the source code from the URL

<http://www2.systeminetwork.com/noderesources/code/clubtechcode/wrksvrshr.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/networking/new-cl-command-manage-netserver-file-and-print-shares>