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Carsten's Corner: Analyzing Registered Exit Programs: PRTREGEXIT Revisited

[System iNetwork Systems Management Newsletter](#)

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The IBM command Work With Registration Info (WRKREGINF) shows information about exit Points and exit programs. Exit programs allow you to hook your own custom logic into IBM processes.

For example, the IBM Exit Point QIBM_QSY_CRT_PROFILE allows you to perform your own custom processing whenever a user profile is created. You register your exit program at the exit point using the command Add Exit Program (ADDEXITPGM). In [a previous newsletter article](#), Dan Riehl presented an exit program for this exit point. The CL program CRTPRFEXIT is an exit program that changes the owner of all newly created user profiles to QSECOFR.

When attempting to review the exit programs on the system, the WRKREGINF command is a bit unwieldy. You can use the WRKREGINF OUTPUT(*PRINT) option to get a printed list of the exit points and registered exit programs, but it's a bit difficult to hone in on the exit points of interest. If I'm attempting to get a list of all my own custom exit programs or other vendor supplied exit programs, WRKREGINF is not very friendly. It lists all the exit points and all the exit programs, when what I really want to see is only a subset. So I wrote the command Print Registered Exit Programs (PRTREGEXIT) to provide a way to show only the information I want.

The PRTREGEXIT command was originally published in our [System iNetwork Systems Management Newsletter back in 2005](#). Based upon some great feedback from readers, I've updated the command to add a number of command special values that can act as filters to allow you to focus only on the exit programs of interest. You can view that original article to see many of the specifics regarding the command and the printed report.

Here's the command prompt for the new version of the command.

```
Print Registered Exit Programs (PRTREGEXIT)

Type choices, press Enter.

Exit point . . . . . *REGISTERED

Exclude exit programs . . . . . *NONE          *IBM, *NONE,
*IBMCMD...

+ for more values
```

And here's the help text explaining the special values offered to limit the resulting exit program list:

Exclude exit programs (EXCLUDE) - Help	
Specifies the registered exit programs to exclude from the printed list	
Single values	
*NONE	No exit programs are excluded from the printed list.
*IBM	All exit programs registered by IBM or registered to the special IBM command exit points QIBM_QCA_CHG_COMMAND and QIBM_QCA_RTV_COMMAND are excluded from the printed list.
Other values (up to 4 repetitions)	
*IBMCMD	Exit program registered to the special IBM command exit points QIBM_QCA_CHG_COMMAND and QIBM_QCA_RTV_COMMAND are excluded from the printed list.
*IBMPGM	IBM exit programs whose creator user profile is *IBM or is a blank value, are excluded from the printed list.
*IBMFNC	Exit programs named FUNCTION in library REGISTER registered by IBM for the QIBM_QSY_HOSTFUNC, QIBM_QSY_OPNAVCLIENT and QIBM_QSY_OTHERCLIENT exit points, are excluded from the printed list.

```
*IBMDOM

      IBM exit programs registered for exit point QIBM_QCST_ADMDMN
      (Cluster administrative domain support) with a blank creator
user
      profile, are excluded from the printed list.
```

The source members required to build the PRTREGEXIT command are:

CBX949	RPGLE Command Processing Program
CBX949H	Help Panel Group
CBX949X	The Command Definition

As always, compiler instructions are included in the heading of each source code member.

You can [download a zip file containing the source code here](#).

CL Command Exit Programs

For specifics on CL command exit points and programs, I wrote a number of CL commands targeting these particular exit points. [View the article and access the downloadable source code](#) for these commands.

Source URL: <http://iprodeveloper.com/security/carstens-corner-analyzing-registered-exit-programs-prtregexit-revisited>