



## APIs by Example: Profile Exit Programs (QWTSETPX/QWTRTPPX)

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This installment of Carsten Flensburg's APIs by Example features utility SetPrfExit, which shows how to use the Set Profile Exit Programs (QWTSETPX) and Retrieve Profile Exit Programs (QWTRTPPX) APIs. Profile exit programs provide a powerful way of controlling what happens when a user suspends interactive jobs by pressing Attn or System Request. Once registered with WRKREGINF or ADDEXITPGM/RMVEXITPGM, these programs run every time a user presses Attn or System Request. The SetPrfExit lets you quickly enable or disable the calling of these registered exit programs based on the user ID.

Here's a sample SetPrfExit prompt screen for user CHUCK:

```

=====
                        Set Profile Exit Program (SETPRFEXIT)

Type choices, press Enter.

User profile . . . . . > CHUCK                Name, *CURRENT
Exit program format . . . . . > *ATTN          *SYSRQS, *ATTN
Exit program option:
Program 1 . . . . . > *OFF                    *ON, *OFF, *SAME
Program 2 . . . . . > *OFF                    *ON, *OFF, *SAME
Program 3 . . . . . > *OFF                    *ON, *OFF, *SAME
Program 4 . . . . . > *OFF                    *ON, *OFF, *SAME
Program 5 . . . . . > *OFF                    *ON, *OFF, *SAME
Program 6 . . . . . > *OFF                    *ON, *OFF, *SAME
Program 7 . . . . . > *OFF                    *ON, *OFF, *SAME
Program 8 . . . . . > *OFF                    *ON, *OFF, *SAME
=====

```

You can learn more about the QWTSETPX and QWTRTPPX APIs here:

### Set Profile Exit Programs (QWTSETPX) API

For the specified user profile, this API sets the exit program to call for attention key processing or system request processing.

<http://publib.boulder.ibm.com/iserics/v5r2/ic2924/info/apis/qwtsetpx.htm>

### Retrieve Profile Exit Programs (QWTRTPPX) API

This retrieves the profile exit flags that have been designated to be called for the specified user ID.

<http://publib.boulder.ibm.com/iserics/v5r2/ic2924/info/apis/qwtrtpvx.htm>

SetPrfExit includes the source code for the command, CL, and online help. It's available here:

<http://www2.systeminetwork.com/noderesources/code/clubtechcode/SetPrfExit.zip>

For more detailed information on system request exit programs and some sample programs, iSeries Network Professional members can read IBMer Ed Fishel's May 2003 iSeries NEWS article (and download the source code):

Restrict and Enhance System Request <http://www2.systeminetwork.com/article.cfm?ID=16301>

The next installment of APIs By Example will provide an exit program to provide enhanced system request menu options.

The above source code was written by Carsten Flensburg. For questions regarding this tip, contact Carsten at <mailto:flensburg@novasol.dk>.

**Source URL:** <http://iprodeveloper.com/rpg-programming/apis-example-profile-exit-programs-qwtsetpxqwtrtpx>