

Let Users Instantly Access RUNSQL Command Instructions

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IBM recently implemented yet another midrelease command—Run SQL (RUNSQL)—for IBM i OS releases 6.1 and 7.1. The command is implemented with the following PTFs:

[V6R1 PTF SI46477 APAR SE51168](#)

[V7R1 PTF SI46219 APAR SE51276](#)

Here is IBM's explanation of the new command:

A new RUNSQL (Run SQL) CL command is provided that accepts an input parameter that is the SQL statement to be run. This will allow an SQL statement to be run directly from an IBM i command line or from a compiled CL program or CL procedure. The new RUNSQL command will support many of the same command parameters as the existing RUNSQLSTM command.

As I mention in ["Let Users Instantly Access SNDSMTPEMM Command Instructions" \(June 6, 2012, article ID 699342 at iProDeveloper.com\)](#), when IBM delivers a command via PTF, no help text is available. With RUNSQL, however, IBM included the command help text in the APAR and PTF cover letter. Therefore, as I did for the SNDSMTPEMM command in the aforementioned article, I wrote a help text panel group for the RUNSQL command.

Before I explain the details, let me give you a quick note of warning: Prior to loading and applying any of the PTFs for RUNSQL, be sure to verify that currently no commands named RUNSQL have already been implemented on your system. Existing RUNSQL commands may support other command keywords and different functionality from the new IBM RUNSQL command. This in turn could lead to malfunctions and exceptions when attempting to execute the new IBM command in place of an old version. If you find a non-system RUNSQL command, you can locate CL program references to this command by running the following PRTCMDUSG command:

```
PrtCmdUsq  Cmd( /RUNSQL )  
          Pgm( *ALLUSR/*ALL )
```

The command may take some time to execute, so consider submitting it to batch.

To create a help text panel group into library QGPL from [the source file included with this article](#), run this command:

```
CrtPnlGrp PnlGrp( QGPL/RUNSQLH )  
          SrcFile( QPNLSRC )  
          SrcMbr( *PNLGRP )
```

The IBM RUNSQL command object at this point does not specify a help panel group or a help identifier, so in order to associate the panel group with the RUNSQL command, you must run the following command:

```
ChgCmd  Cmd( QSYS/RUNSQL )  
        HlpPnlGrp( RUNSQLH )  
        HlpId( RUNSQL )
```

[I'm including the panel group source with this article, with compilation instructions in the source header.](#) At the OS release following 7.1, IBM will update the RUNSQL command to include a system panel group,

consequently making my panel group obsolete at that point.

Source URL: <http://iprodeveloper.com/application-development/let-users-instantly-access-runsql-command-instructions>