


[print](#) | [close](#)

## Command to Handle Object and Record Locks PRCOBJLCK

[System iNetwork Systems Management Newsletter](#)

[Carsten Flensburg](#)

Carsten Flensburg

Wed, 09/14/2005 (All day)

So, your nightly backup or other important job is running and boom, a message arrives on the QSYSOPR message queue that the job has encountered a record allocation or object allocation problem, because some other job is holding a lock on the record or the object you need. You do a WRKOBJLCK (Work with Object Locks) command to see who has it, and send the offending user a message or kill the offending job so the important job can run.

Carsten's command in this issue will do all this for you. The Process Object Locks (PRCOBJLCK) command identifies all jobs currently holding a lock for the specified object, and for each job, it either sends a break message or ends the job. The break message is sent to the job holding the lock or optionally to all jobs currently running under the user profile of the job holding the lock.

**Note:** To run this command, \*JOBCTL special authority is required.

The command prompt is shown here:

Process Object Locks (PRCOBJLCK)		
Type choices, press Enter.		
Object . . . . .	_____	Name
Library . . . . .	*LIBL	Name, *LIBL, *CURLIB
Object type . . . . .	_____	*ALL, *ALRTBL,
*BNDDIR...		
Action to perform . . . . .	*BRKMSG	*BRKMSG, *ENDJOB
Message text . . . . .		
_____		
_____		
Send message to . . . . .	*JOB	*JOB, *USER
How to end . . . . .	*CNTRL	*CNTRL, *IMMED
Delay time, if *CNTRL . . . . .	30	Seconds
Ignore record lock . . . . .	*NO	*NO, *YES
<div> <span>&lt;</span> <span>&gt;</span> </div>		

The following source code included is

CBX944H	PNLGRP	Process Object Locks - HELP
CBX944	RPGLE	Process Object Locks - CPP
CBX944X	CMD	Process Object Locks - Command

See each source member for compile instructions, and see the help panel group for additional documentation.

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

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

**Source URL:** <http://iprodeveloper.com/rpg-programming/command-handle-object-and-record-locks-prcobjlck>