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The STRJRNLIB Command -- Start Journaling All Files in a Library

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[Carsten Flensburg](#)

Carsten Flensburg

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Carsten Flensburg's newest utility is designed to help you start journaling your files and other objects in a selected library.

The command STRJRNLIB (Start Journaling Library) lets you overcome the shortcomings of IBM's commands STRJRNPF and STRJRNOBJ, which let you only select one object at a time. This new command STRJRNLIB will let you start journaling all physical files in a library with a single command. As an added feature, you can also start journaling the other data objects of Data Areas and Data Queues. You can select if you want before and after images, and if you want to record Opens and Closes.

In the next issue, Carsten will present the ENDJRNLIB command as the compliment to the command presented here.

For some of you who run big batch jobs at night, ending journaling before the batch run and starting it after the batch run can give you a performance boost. However, if you do shut down journaling before a big batch run, you need to have your own recovery procedure that you can run just in case the big batch dies.

The parameters for the STRJRNLIB command are as follows:

LIB: The Library Name.

JRN: The Journal Name.

OBJ: The Object name(s) to journal. *Generic or *ALL is allowed.

OBJTYPE: The Object types to journal (*ALL, *FILE, *DTAQ, *DTAARA).

IMAGES: What images are journaled (*AFTER or *BOTH).

OMTJRNE: Journal entries to omit (*NONE or *OPNCLO).

Here's an example of how to use the STRJRNLIB command to start journaling all physical files in a library, keep before and after record images, and omit file Open and Close operations.

```
/* CL Example of using StrJrnLib  command */

STRJRNLIB  LIB(PRODLIB)          +
           JRN(MYLIB/MYJOURNAL)  +
           OBJ(*ALL)             +
           OBJTYPE(*FILE)        +
```

IMAGES (*BOTH) + OMTJRNE (*OPNCLO)
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The following source code is included:

CBX933X - The Command Definition source code
CBX933 - The RPGLE Command Processing Program
CBX933H - The Command Help Panel Group
CBX933V - The CL Command Validity Checking Program

See each source member for compile instructions.

You can download a zip file containing all the source code from <http://iseries.pentontech.com/t?ctl=6540:103C2> .

Source URL: <http://iprodeveloper.com/systems-management/strjrnl-lib-command-start-journaling-all-files-library>