



APIs by Example: Retrieve Open Files

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In this installment of Carsten Flensburg's APIs by Example, Carsten demonstrates the use of the List Open Files (QDMLOPNF) API.

The QDMLOPNF API lists the files that are currently open in your job and returns the same information as that displayed by the DSPJOB OPTION(*OPNF) command. The advantage to retrieving this information with an API is that you can use the returned information in your program logic rather than simply displaying it to the user.

The API is demonstrated in the form of a utility program that you can call from your own program when you need to retrieve the open file list. The following is a sample program that demonstrates how to call the utility:

```

**-- Compilation specification: -----**
**
**  CrtBndRpg   Pgm( /CBX502T )
**             SrcFile( /QRPGLESRC )
**             DbgView( *LIST )
**
**-- Header specifications: -----**
H Option( *SrcStmt )
**-- Global variables: -----**
D Eix          s              10i 0
**-- File information-----**
D FilInf       Ds
D FiFilNam     10a
D FiFilLib     10a
**-- Parameters: -----**
D PxEntNbr     s              5p 0 Inz( %Elem( PxFilEnt ))
D PxFilEnt     s              20a  Dim( 64 )
**
C              Call      'CBX502'
C              Parm          PxEntNbr
C              Parm          PxFilEnt
**
C              For      Eix = 1  to PxEntNbr
**
C              Eval      FilInf      = PxFilEnt(Eix)

**      At this point, FiFilNam and FiFilLib contain the file
**      name and library of one of the open files.

C              EndFor
**
C              Return

```

**

The following API is demonstrated in the List Open Files utility:

List Open Files (QDMLOPNF)

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

You can retrieve the source code for this utility from

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

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-retrieve-open-files>