

# Does isCOBOL support C\$REDIRECT?

C\$REDIRECT is used to assign a different file I/O handler to a file. There are several options to do the same in isCOBOL.

In version 2022R2 and later, you can write a hook program using this configuration to change the file handler class in the hook program.:

```
iscobol.file.index.open_hook=Program Name
```

If you are using a version before 2022R2, another option is to write an intermediary class, and assign that class as the file handler using "iscobol.file.index."

There is an example of this in isCOBOL's Sample folder, %ISCOBOL%sampleextend-and-customizecustom-file-handlerlogging.

This program can be modified to handle your file operations at the interface level.

For example, if you want to call subprograms named BEFOREWRITE and AFTERWRITE before and after every WRITE operation, you could edit the sample file CobLogging.cbl and change the "write" method to the following:

```
IDENTIFICATION DIVISION. METHOD-ID. MY-WRITE AS "write". WORKING-
STORAGE SECTION. 77 RETURN-
VALUE OBJECT REFERENCE
JLONG. LINKAGE SECTION. 77
THERECORD OBJECT REFERENCE JBYTEARRAY. 77
OFFS OBJECT REFERENCE JINT. 77
RECSIZE OBJECT REFERENCE JINT. 77
FLAGLOCK OBJECT REFERENCE
JBOOL. PROCEDURE DIVISION USING
THERECORD, OFFS, RECSIZE, FL
AGLOCK RETURNING RETURN-
VALUE. MAIN. *Trigger action - s
tart CALL "BEFOREWRITE" USING
THERECOR
D, OFFS, RECSI
ZE, FLAGLOCK. *Trigger action - end SET
RETURN-VALUE TO MY-ISAM:>
write (THERECORD, OFFS, RECSIZE,
FLAGLOCK).
*Trigger action - start CALL "AFTERWRITE" USING
THERECOR
D, OFFS, RECSIZE, FLAGLOCK. *Trigger action - end GOBACK.
```

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