

How do I write my own replacement for a C\$ library routine?

Question:

Suppose that isCOBOL does not support a particular C\$ library routine, such as C\$GETPID, and I want to write my own so I won't need to change all of my existing calls. How do I do that?

Answer:

First, let us know which library isn't supported, so we can review it for inclusion in the next release.

In the meantime, if we don't have one already, you can write a program in COBOL to do the same thing.

For example, before 2020R2, CBL_READ_DIR wasn't supported.

But it was easily handled by writing a program called CBL_READ_DIR, with the parameters in the linkage section and a call to the duplicate library routine in isCOBOL, like this:

```
PROGRAM-ID CBL_READ_DIR.  
. CBL_READ_DIR. LINKAGE SECTION. 01 LK-DIRNAME PIC X(256)  
).. PROCEDURE DIVISION using LK-  
DIRNAME. MAIN.    call "C$CHDIR" using LK-DIRNAME.    goback.
```

With this program compiled and located in the same directory as the application, the original COBOL code worked without changes.

Online URL: <https://support.veryant.com/phpkb/article.php?id=70>