
Subject: Re: library or one file

Posted by [tam](#) on Mon, 05 May 2003 14:04:56 GMT

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Reimar Bauer wrote:

> Hi,

>

....

> Yesterday I found a compromise.

>

>

> for example

>

> helpon has two routines

>

> pro helpon_info

> end

> pro helpon

> end

>

>

> Both routines are defined in the same file.

>

>

> To simulate them as separate files I set two links

>

> In -s ./helpon.pro ../links/helpon.pro

> In -s ./helpon.pro ../links/helpon_info.pro

>

>

...

One caveat, wouldn't this require that the user cannot call any routines in the library that uses a routine that comes later in the library? I.e.,

```
pro f1,x
  if (...) then f2,x
end
pro f2,x
  if (...) then f1,x
end
```

(linked as f1.pro and f2.pro)

would work fine if the user first calls f2.

If the user calls f1 first, then initially IDL doesn't compile f2. When the user does call f2, then IDL will try to compile the file again and give an error that the user is attempting to recompile an active module (since it recompiles f1 as well).

I find that this kind of co-dependency among routines is pretty common though not usually quite as obvious as what you have above.

Tom McGlynn
