Subject: IDL 8.0 questions
Posted by Mike Potter on Sat, 24 Jul 2010 16:18:27 GMT

I downoaded and installed IDL8.0 yesterday. There are a few things I
don't understand (amongst the things I'm yet to understand that I
don't understand!):

1) I'm trying out the new "foreach" capability. The top loop, below,
works, the bottom one does not.

```
for i=0,nf-1 do begin
   qfile = file_names[i]
   image = readfits( qfile )
   sky,image,sky,sky_sig,/silent
   q = dialog_message( "Sky = "+string(sky)+"  Sigma =
"+string(sky_sig) ,/information )
endfor

foreach qfile, file_names do begin
   image = readfits( qfile )
   sky,image,sky_mod,sky_sig,/silent
   q = dialog_message( "Sky = "+string(sky_mod)+"  Sigma =
"+string(sky_sig) ,/information )
endforeach
```

After running the bottom loop, the first time readfits is called it
crashes and the input "qfile" has been changed and either contains two
characters equal to the final two characters of what qfile was on
input, or it returns a short string of garbage characters.
(file_names is a string array of filenames returned by
dialog_pickfile).

Also, if I try to save a file using the file menu drop-down and select
"Save As" and save so as to overwrite the existing file I get

1) the expected information modal dialog asking if I really want to
overwrite the existing file. If I select yes then
2) the code in the Workbench disappears and is replaced by some text
saying something about the file being out-of-sync with the file
system, and to use "file > refresh" (it"s only there for a second or
two) - then the code returns and another modal dialog ("File Changed")
asks me if I want to replace the editor contents with the "changed"
file.

I've also had the Workbench just completely crash and exit - several

times. The Workbench also seems to occasionally loose it's way - when
that happens I can say "help" to have it print a list of current
variables and compiled modules and such but nothing gets printed. I
can also do "help,qfile", for instance, and nothing is returned, even
though the value of qfile is showing in the "variables" pannel.

Is it me or is it bugs?

THanks!
Mike Potter