Subject: Re: Silent errors in run-time
Posted by otto.hyvarinen on Thu, 13 Oct 2005 10:09:12 GMT
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Thank you for your answers, I didn't get the solution I was looking
for, but at least I discovered a work-around.

This time I try to be more clear: If I have a program like

```
pro test
openr,1,"nofile"
close,1
end
```

and run it interactively. I get:

```
IDL> .compile test
% Compiled module: TEST.
IDL> test
% OPENR: Error opening file. Unit: 1, File: nofile
  No such file or directory
% Execution halted at: TEST              2 /home/hyvarine/test.pro
%                 $MAIN$
IDL>
```

No suprises here.

If I compile it and then run it like this

```
IDL> .compile test
% Compiled module: TEST.
IDL> resolve_all
% Compiled module: RESOLVE_ALL.
% Compiled module: PATH_SEP.
% Compiled module: UNIQ.
IDL> save,/routines,filename='test.sav'
IDL>
[hyvarine@rokka somedir]$ idl -rt="test.sav"
```

I will get a dialog box (by DIALOG_MESSAGE, I think) saying "The
following error was encountered: OPENR: Error opening file. Unit: 1,
File: nofile Please consult the supplier of the application.". My
problem was how to get rid of this box and get the error messages back
to stderr (or stdout). No one seems to know that. But at least now I
know how to change my program to

```
pro test2
catch, theError
```

```
if (theError ne 0) then begin
   catch, /cancel
   goto, theEnd
endif
openr,1,"nofile"
theEnd:
close,1
end
```

and this way get rid of the message for all. This is enough for me.

regards,
Otto Hyvärinen