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Subject: Re: Silent errors in run-time

Posted by [Rick Towler](#) on Wed, 12 Oct 2005 16:28:52 GMT

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otto.hyvarinen@fmi.fi wrote:

>> You need to "redirect output". Syntax varies slightly depending on which shell

>> you are running. In csh (and tcsh) I do something like this

>> idl >>& my\_idl\_log

>

>

> Unfortunately this doesn't help, because IDL opens a `_window_`, that

> needs to be clicked at. I can redirect my stdout and stderr where ever

> I want, but it doesn't make any difference. It is an IDL problem, not a

> shell script problem, I sincerely believe.

I thought you could simply turn off error reporting altogether but I must be thinking of MATLAB since I can't find any reference to this in the docs.

But you could insert a CATCH statement somewhere to handle the error, maybe write some info to a file, then stop execution. All without IDL reporting an error. You would also have to set `!EXCEPT=0` to suppress reporting of math errors (which CATCH doesn't catch). You may want to structure it so you can easily report errors when you are debugging.

```
pro test_error
```

```
debug=0
```

```
if (debug) then begin
```

```
    theError=0
```

```
    catch, theError
```

```
    if (theError ne 0) then begin
```

```
        catch, /cancel
```

```
        goto, theEnd
```

```
    endif
```

```
endif
```

```
openr, lun, 'c:\nofile', /get_lun
```

```
theEnd:
```

```
end
```

-Rick

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