
Subject: Re: Error Handling Advice

Posted by [David Fanning](#) on Mon, 14 Jan 2013 21:02:28 GMT

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David Fanning writes:

> I would probably write this particular set of routines like this.

>

> function add, a, b, SUCCESS=success

> Catch, theError

> IF theError NE 0 THEN BEGIN

> Catch, /CANCEL

> void = Error_Message()

> success = 0

> RETURN, !Null

> ENDIF

>

> success = 1

> result = a + b

> RETURN, result

> end

>

> pro call_add

> Catch, theError

> IF theError NE 0 THEN BEGIN

> Catch, /CANCEL

> void = Error_Message()

> RETURN

> ENDIF

>

> sum = add(a, b, SUCCESS=success)

> IF ~success THEN RETURN

>

> IF sum EQ !Null THEN message, 'Sum not valid'

> END

Or, even simpler:

function add, a, b

Catch, theError

IF theError NE 0 THEN BEGIN

Catch, /CANCEL

void = Error_Message()

RETURN, !Null

ENDIF

RETURN, a + b

end

```
pro call_add
  Catch, theError
  IF theError NE 0 THEN BEGIN
    Catch, /CANCEL
    void = Error_Message()
    RETURN
  ENDIF

  sum = add(a, b)

  IF sum EQ !Null THEN RETURN
END
```

Cheers,

David

--
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Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
Sepore ma de ni thue. ("Perhaps thou speakest truth.")
