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Subject: Re: IDLVM and retail  
Posted by [btt](#) on Fri, 08 Sep 2006 14:57:48 GMT  
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David Fanning wrote:

> JD Smith writes:

>

>> Here's a better example:

>>

>> pro MyClass:f1, ev

>> if something\_is\_wrong self->Error

>> do\_calc

>> end

>>

>> pro MyClass:f2, ev

>> self->f1, ev

>> do\_another\_calc

>> end

>>

>>> Can this be a difference between Windows and UNIX?

>> If you simply return (or return twice, if you were able to do that

>> from within self->Error), you'd be right back inside MyClass:f2 and

>> do\_another\_calc would run, which is not what you want. With RETALL,

>> the entire calling stack is returned from, not just one step in the

>> stack.

>

> OK, I see what you mean. Yes, when you are trying to

> merge widgets and objects things do tend to get a little

> messy. I don't find myself buried this deep in my widget

> programs, which is why RETURN has always worked for

> me. But I do remember some messy, messy code in my

> Catalyst Library to keep error messages from propagating

> up the whole damn call stack! Essentially, we had to

> keep track of whether the error had already been

> "handled" or not, and keep issuing RETURNS if it had.

> Your solution is probably better looking than this. :-)

Hi,

At risk of exposing my arrested development, I harken back to exchange I witnessed between David and Martin Schultz eons ago. I can't remember if it was on the newsgroup or "off-line". But I do remember clearly that Martin and David leaned toward a FUNCTION event handling method rather than a PROCEDURE - the function event handling method returned 0/1 for fail/success. If I remember rightly, the decision was driven by the messaging aspect of events (or pseudo-events) and that functions, if nothing else, pass messages by default.

Would that suffice to resolve the issue?

```
function MyClass::f1, ev
  if something_is_wrong then begin
    self->Error
    return,0
  endif
  return,do_calc()
end
function MyClass::f2,ev
  OK = self->f1(ev)
  if OK then OK = do_another_calc()
  return, OK
end
```

Of course, it was a long time back and I had hair and a shorter attention span. I still have the same attention span - but the hair has gone AWOL.

Cheers,  
Ben

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