
Subject: Re: OO IDL

Posted by [Craig Markwardt](#) on Thu, 16 Sep 2004 03:47:05 GMT

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Robert Barnett <retsil@zipworld.com.au> writes:

[snip]

>

> This means that I have to do lots of calls to CALL_FUNCTION because I

> only know what version I am to use at runtime.

...

I'm not sure I follow. I would normally only use CALL_FUNCTION once, and decide on the function string to use at run-time. If you mean you still have to select which function to use, well, yes, that's true, but we are really only talking about a few lines of code here, right?

The other option is to code one function with many different cost functions inside, and then select it using a keyword, as in:

```
function my_cost_function, ..., method=string
```

```
  case strupcase(string) of
    'MEMB': value = ...
    'LB' : value = ...
    'SR' : value = ...
  end
```

```
  return, value
end
```

This allows you to only have one file with many different functions.

You could do something similar with objects as well I guess.

Good luck,
Craig

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