
Subject: lambda function syntax
Posted by [greg.addr](#) on Thu, 05 Nov 2015 14:36:09 GMT
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I've created a lambda procedure inside an object (to hold a user-defined function):

```
self.lambda=lambdap("t,n1:"+code)
```

where, e.g. code="n1=sqrt(t)"

This appears to work fine, but I can't figure out a legal syntax to call it inside a method:

```
function test_obj::N1,t
  self.n1_lambda,t,n1
  return,n1
end
```

```
IDL> print,obj->n1(1)
% Attempt to call undefined method: 'TEST_OBJ::N1_LAMBDA'.
```

Having written the example, I discovered it does work if I do this:

```
function test_obj::N1,t
  lam=self.n1_lambda
  lam,t,n1
  return,n1
end
```

which isn't so bad. The first should be correct syntax, though, I think.

cheers,
Greg

Subject: Re: lambda function syntax
Posted by [chris_torrence@NOSPAM](#) on Mon, 09 Nov 2015 17:30:34 GMT
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On Thursday, November 5, 2015 at 7:36:12 AM UTC-7, greg...@googlemail.com wrote:

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> end
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> IDL> print,obj->n1(1)
> % Attempt to call undefined method: 'TEST_OBJ::N1_LAMBDA'.
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> ---
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> function test_obj::N1,t
>   lam=self.n1_lambda
>   lam,t,n1
>   return,n1
> end
>
> which isn't so bad. The first should be correct syntax, though, I think.
>
> cheers,
> Greg
```

Hi Greg,

Yeah, I don't think this is going to work. The parser is interpreting that at compile time as a method call, rather than waiting until runtime. I thought that setting "compile_opt strictarr" might help, but it didn't.

I think your workaround is the best solution. Sorry about that.

-Chris
