Subject: Re: New Object Method Invocation Syntax Brokenness
Posted by penteado on Tue, 17 May 2011 01:09:21 GMT

On May 16, 7:35 pm, JDS <jdtsmith.nos...@yahoo.com> wrote:
> My understanding is compile_opt idl2 alleviates this particular undesirable feature of the newly
ambiguated syntax, though I'm not eager to go back and insert it for thousands of methods, or
develop methods to discover potential brokenness. I suppose talk of enabling idl2 by default
died off; I'd be in favor of it. It would break old code, but in a well-controlled and presumably
well-advertised way.
>
> By the way, this behavior seems to have been introduced in 8.0.1.   I believe the short lived
IDL 8.0 respected the arrow operator.

I just dug out an old idl 8.0 and can confirm it already had that
behavior. In a more obvious manifestation of the problem:

IDL> a={b:0,c:1.0}
IDL> help,a->c(0)
<Expression>   FLOAT   =   1.00000

Since there was never any discussion about using -> for structures,
and this only seems to be undesirable, as JD mentioned, to me it looks
like a bug. The main argument against making idl2 assumed by default
was to keep compatibility, so this seems unintended. A side effect of
some other change to the parser, which went unnoticed.