
Subject: Re: IDL 8.0 compile_opt changes

Posted by [Yngvar Larsen](#) on Wed, 06 Jan 2010 15:29:09 GMT

[View Forum Message](#) <> [Reply to Message](#)

On Jan 6, 3:56 pm, Yngvar Larsen <larsen.yng...@gmail.com> wrote:

> - I wish a scalar and an array with one element could be treated as
> different datatypes. Mathematically, they are different, so sometimes
> confusing bugs are caused by conflating them like IDL currently does.

Hm. I should read through before posting. Another followup to myself:
What I wrote above is not correct.

```
IDL> a = indgen(5)
IDL> print, 3*a
    0    3    6    9   12   15
IDL> print, [3]*a
    0
```

What I was thinking about is that some IDL functions seem to convert
arrays to scalars if they have length one. Cannot find a good example
right now. Hm.

--

Yngvar
