
Subject: Re: check for duplicate routine names?

Posted by [Craig Markwardt](#) on Fri, 19 Jan 2001 18:54:54 GMT

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"Liam E. Gumley" <Liam.Gumley@ssec.wisc.edu> writes:

```
> Craig Markwardt wrote:
>> Another thing that would be nice is warnings about ambiguous uses of
>> variables that might shadow a function in the library. Note this
>> code:
>>
>>   max = max(x, min=min)
>>
>> The next time you use min(x), will you get the function or the
>> variable named min?
>>
... deleted by Craig
>
> I believe a function takes precedence over an identically named array
> subscripted with parentheses, e.g.
>
> IDL> min = indgen(10)
> IDL> a = indgen(5)
> IDL> print, min(a)
>   0
>
> Using square brackets eliminates the ambiguity between the function name
> and the variable name:
...
```

Point taken. I was more trying to say, "because these things can *potentially* be confusing, it would be nice to have a tool that checks for them." My example of MIN/MAX was a little trivial; there are possible clashes with, say, the Astronomy library which are not as obvious.

Craig

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