
Subject: Re: Unsupported keyword on older IDL version
Posted by [Craig Markwardt](#) on Mon, 29 Jul 2002 15:14:12 GMT
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Paul Hick <pphick@ucsd.edu> writes:

> This kind of problem must have come up in this group before, but here it
> is anyways.
>
> If I call the IDL systime function with the utc keyword:
> print, systime(/utc)
>
> on IDL versions older than 5.4 I get the expected 'keyword not
> supported' error message, since, well, it's not supported, right? The
> error message pops up when the function containing the systime call is
> compiled, so testing e.g. !version.release before executing the systime
> call doesn't work.
>
> The only solution I have come up with so far is to put the systime call
> inside a call_function call:
> print, call_function('systime', /utc)
> This will compile (I will still need to test for !version.release before
> actually executing the statement of course).

Another possibility is to use the _EXTRA mechanism:

```
;; Assume EXTRA is undefined
if double(!version.release) GE 5.4 then $
    extra = {utc: 1}
value = systime(_EXTRA=extra)
```

Anyway you cut it, you will need an IDL version check.

Craig

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Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response
