Subject: Re: Strange arrary indexing quirk?
Posted by penteado on Fri, 12 Aug 2011 03:45:56 GMT
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On Aug 11, 10:12 pm, Beaker <mattjamesfran...@gmail.com> wrote:
> Does anyone have any insight into why this happens? I'd expect the
> second line to also throw an error. A lot of the inner workings of IDL
> seem pretty arcane and hard to guess at before you try things...

It happens because it was chosen that way when the language was
defined. Quoting from the help:

"STRICTARRSUBS — When IDL subscripts one array using another array as
the source of array indices, the default behavior is to clip any out-
of-range indices into range and then quietly use the resulting data
without error. This behavior is described in Understanding Array
Subscripts. Specifying STRICTARRSUBS will instead cause IDL to treat
such out-of-range array subscripts within the body of the routine
containing the COMPILE_OPT statement as an error. The position of the
STRICTARRSUBS option within the module is not important: All
subscripting operations within the entire body of the specified
routine will be treated this way."