Subject: Re: Loop Arrays
Posted by David Fanning on Tue, 09 Oct 2001 19:57:25 GMT
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Ken Mankoff (mankoff@lasp.colorado.edu) writes:

> I am interested in creating circular arrays, where subscripts that would
> be out-of-bounds on a regular array just start indexing on the other side
> of the array.
>
> ex:
> a = circleIndgen(10)
> print, a[-1]
> 9
> print, a[11]
> 1
> print, a[[0,10,20,100]]
> 0, 0, 0, 0
>
> print, a[8:11]
> 8, 9, 0, 1
>
> ;;; not sure if this makes sense, but i think it can easily be
> ;;; done if the rest is possible...
> print, a[8:2]
> 8, 9, 0, 1
>
> I think that overloading the [] operators is not an option from my
> understanding of IDL. Does anyone know if this is possible?

Uh, you must have dropped your notes from your C++ course
and got them mixed up with your print-outs of IDL
newsgroup articles. :-)

There isn't going to be any "overloading of operators"
in IDL, I can assure you of that.

Although you *could* create an object that could produce
the results you want when you call, for example, the
SubSet method (or whatever).

> Desirable? Dumb?

Depends entirely on what you are trying to do.
Although it does seem like an awful lot of work
to me. :-)

Cheers,

David
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