Subject: Re: Gridding options
Posted by Craig Markwardt on Wed, 30 Aug 2000 07:00:00 GMT
View Forum Message <> Reply to Message

"J.D. Smith" <jdsmith@astro.cornell.edu> writes:

Another disadvantage to vectorizing with very large arrays is that IDL has to generate the indices for the array dynamically. This can consume a lot of memory (sometimes more than the array itself, if it's a byte or int array!). The expression, lindgen((nx<ny), nx+ny-1), [some deleted] is the giveaway that JD had to essentially create a whole new array even bigger than the original. Still, it's a pretty impressive computation.

Todd, did you compare the run time?

Craig	
	craigmnet@cow.physics.wisc.edu Remove "net" for better response