
Subject: Re: findgen([variable])
Posted by [Craig Markwardt](#) on Tue, 12 Dec 2000 18:52:35 GMT
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JD Smith <jdsmith@astro.cornell.edu> writes:

> Craig Markwardt wrote:
>>
>> Martin Skou Andersen <skou@fys.ku.dk> writes:
>>> Is it posible to make an mutiple dimensional array by using a variable
>>> such as findgen(x)?
>>
>> This is virtually impossible, right? You are asking for each row of
>> the resulting array to be of a different length. That's not really a
>> 2 dimensional array is it?
>
>
> Are we sure he doesn't just mean:
>
> findgen(x[0],x[1]) ?

Ah yes, that would be a good idea. In fact, one of my "top ten" requests was to have all of the functions that accept dimensions, accept them in a consistent way. REBIN, REFORM and TOTAL are all different. We should be able to specify dimensions consistently between them, and either as an array, or a list of scalars.

Here is my entry. Sorry, no HISTOGRAM call, but I need to give it a rest once in a while.

```
nel = dims(0)
for i = 1L, n_elements(dims)-1 do nel = nel * dims(i)
arr = reform(findgen(nel), dims)
```

Craig

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