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Subject: Re: extracting subarray (\*,\*,index) gives (1,1,index). WHY ???

Posted by [Graeme K Harkness](#) on Thu, 22 Aug 1996 07:00:00 GMT

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Uwe Knorr wrote:

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>
> Dear reader,
>
> i want to extract a line from a 3D image by doing
> line = image(*,*,z)
> i expect line to be a 1d vector with dimension dim(z)
> or to be more IDLish, i expect the following to hold
> size(line) == (z)
> but instead I get
> size(line) == (1,1,z)
> I hope you know what I mean.
>
> Thanx for giving me some of your time,
>
> Uwe Knorr.
>
```

I think I know what you mean. You should use the

REFORM

function to convert the 1x1xz sized array into a 1-d one of size z

Graeme

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