
Subject: Re: shorten a vector

Posted by [Liam E. Gumley](#) on Fri, 08 Sep 2000 02:30:58 GMT

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Andrew <noymer@my-deja.com> wrote in message
news:8p9gie\$6m5\$1@nnrp1.deja.com...

> What's the easiest way to shorten an array by n units
> by chopping off the first n elements of the array.

>

> E.G: I want to make [4 6 7 20 15]

>

> Into [6 7 20 15]. Here n=1.

```
a = [4, 6, 7, 20, 15]
```

```
n = 1
```

```
print, a[(0 + n):*]
```

```
6      7      20      15
```

To make it more general, use n_elements to get the index of the last
element:

```
last = n_elements(a) - 1
```

```
n = 1
```

```
print, a[(0 + (n < last)):]
```

```
6      7      20      15
```

```
n = 4
```

```
print, a[(0 + (n < last)):]
```

```
15
```

```
n = 10
```

```
print, a[(0 + (n < last)):]
```

```
15
```

Cheers,

Liam.

<http://cimss.ssec.wisc.edu/~gumley>

Subject: Re: shorten a vector

Posted by [Martin Schultz](#) on Fri, 08 Sep 2000 09:04:06 GMT

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Liam Gumley wrote:

>

> Andrew <noymer@my-deja.com> wrote in message

> news:8p9gie\$6m5\$1@nnrp1.deja.com...

>> What's the easiest way to shorten an array by n units

>> by chopping off the first n elements of the array.

>>

```

>> E.G: I want to make [ 4 6 7 20 15 ]
>>
>> Into [ 6 7 20 15]. Here n=1.
>
> a =
> n = 1
> print, a[(0 + n):*]
>      6      7      20      15
>
> To make it more general, use n_elements to get the index of the last
> element:
>
> last = n_elements(a) - 1
> n = 1
> print, a[(0 + (n < last)):*]
>      6      7      20      15
> n = 4
> print, a[(0 + (n < last)):*]
>      15
> n = 10
> print, a[(0 + (n < last)):*]
>      15
>
> Cheers,
> Liam.
> http://cimss.ssec.wisc.edu/~gumley

```

Good. But why 0+ ???

It works also for
 print, a[n<last:*

Martin

--

```

[[ Dr. Martin Schultz  Max-Planck-Institut fuer Meteorologie  [[
[[      Bundesstr. 55, 20146 Hamburg      [[
[[      phone: +49 40 41173-308      [[
[[      fax: +49 40 41173-298      [[
[[ martin.schultz@dkrz.de      [[
[[

```

Subject: Re: shorten a vector

Posted by [Liam E. Gumley](#) on Fri, 08 Sep 2000 15:33:07 GMT

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Martin Schultz wrote:

```
> Good. But why 0+ ???  
> It works also for  
> print, a[n<last:*
```

Beats me. Why would I add zero to anything? Oh well.....

Cheers,

Liam.

<http://cimss.ssec.wisc.edu/~gumley>
