
Subject: Re: extract subarray dynamically?

Posted by [David Fanning](#) on Thu, 01 Aug 2002 14:12:00 GMT

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helen (bin_zheng_99@yahoo.com) writes:

> I have a large (e.g, 160, 120) two dimensional integer array and a
> small (e.g, 10, 10)two dimensional integer array. Now I want to do
> some thing like patter match. My problem is how I extract a temporary
> two-dimensional array with the same width and height as the small one
> from the bigger array dynamically?

```
s = Size(subarray, /Dimensions)
ss = Size(array, /Dimensions)
start_x = 30 ; Or whatever. Assuming positive value inside array.
start_y = 45 ; Or whatever
temp = array[start_x, (start_x + s[0]) < (ss[0]-1)], $
        start_y, (start_y + s[1]) < (ss[1]-1) ]
```

Cheers,

David

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Subject: Re: extract subarray dynamically?

Posted by [David Fanning](#) on Thu, 01 Aug 2002 14:14:38 GMT

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David Fanning (david@dfanning.com) writes:

```
> temp = array[start_x, (start_x + s[0]) < (ss[0]-1)], $
>         start_y, (start_y + s[1]) < (ss[1]-1) ]
```

Damn. I *always* do that. :-(

Should be, of course:

```
temp = array[start_x:(start_x + s[0]) < (ss[0]-1)], $
        start_y:(start_y + s[1]) < (ss[1]-1) ]
```

Cheers,

David

--

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