
Subject: Re: Manipulation of array

Posted by [Lajos Foldy](#) on Tue, 20 Oct 2015 17:30:16 GMT

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On Tuesday, October 20, 2015 at 7:12:24 PM UTC+2, dave poreh wrote:

> Folks,

> Hi,

> I have an array like this:

>

>

> 1.4230952e+01 4.1166347e+01 1.2507140e+00

> 1.4227723e+01 4.1166677e+01 1.1362271e+00

> 1.4237998e+01 4.1164458e+01 6.1420846e-01

> 1.4243945e+01 4.1163519e+01 9.6166451e-01

> 1.4240970e+01 4.1163741e+01 5.1939466e-01

> 1.4222639e+01 4.1165726e+01 9.7572900e-01

> 1.4234044e+01 4.1163449e+01 1.7582878e+00

> 1.4223516e+01 4.1164088e+01 9.9535919e-01

> 1.4232525e+01 4.1162614e+01 9.5377207e-01

> 1.4236729e+01 4.1161653e+01 6.0755449e-01

>

>

> and i want to select the lines with this attribute (n is the matrix's name):

>

> idx=where(n[2,*] ge -10 and n[2,*] le 10, count)

>

> that says select the lines that third column are between -10 and 10.

> At the end

>

> m=reform(n(idx),3, 28548)

>

> BUT it is not working for me and the final array is like this:

>

> 14.2361 41.1661 0.928023

> 14.2310 41.1663 1.25071

> 14.2277 41.1667 1.13623

> 14.2380 41.1645 0.614208

> 14.2439 41.1635 0.961664

> 14.2410 41.1637 0.519395

> 14.2226 14.2235 0.607554

> 14.2266 41.1617 -26.9755

> 41.1580 -15.8549 14.3032

> -5.20631 14.3030 41.1567

> 29.9021 41.1564 41.1564

> 14.3038 14.3019 41.1563

> 41.1564 41.1584 14.2994

> 41.1584 14.2988 14.3000

> 41.1579 14.2980 41.1580

> -35.7340 14.2972 41.1575
>
> As you can see the data is mixed somehow>
> Can someone pls give me some hand:)
> Thanks in advance,
> Cheers,
> Dave

m=n[:,idx]

regards,
Lajos
