
Subject: Re: Using where to create new variables of data

Posted by [Russell\[1\]](#) on Fri, 29 Mar 2013 22:10:34 GMT

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Again, I'm really not trying to be a jerk. But it's very hard to answer your question without knowing the details of the data. As a general rule, no one will look at a segment of code that they can't immediately dissect in the time it takes to drink a gulp of coffee (and that's killing your other questions). Here I can see what you want. But, I don't know what the structure airport looks like. Give us the output of the following two commands:

```
help,airport
```

and

```
help,airport,/structure
```

Then we have a good idea how to help you...

Russell

On Friday, March 29, 2013 12:09:06 PM UTC-4, morganls...@gmail.com wrote:

```
> Hello,
```

```
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```

```
> I noticed that when I use where to find locations and then create a variable using those locations such as below, I get a 1D array for adatea and a 3D array for atempa. I was expecting a 2D array for adatea. I can see how its putting the matching columns and rows into the 1D array but it makes it more complicated when I want to plot the temperature profile for that corresponding date. Is there another way to do this?
```

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```
> acitya = where(strmatch(airport.orig,'PHL ') eq 1,acounta)
```

```
>
```

```
> s = size(airport.orig)
```

```
>
```

```
> ncol = s(1)
```

```
>
```

```
> cola = acitya mod ncol
```

```
>
```

```
> rowa = acitya/ncol
```

```
>
```

```
> atempa = airport.temp(col,rowa,*)
```

```
>
```

```
> adatea = airport.date(col,rowa)
```

>
>
>
> Thank you.
>
> Sincerely,
>
> Morgan

Your question doesn't make a lot of sense without knowing more about the data, particularly the structure: airport. In any event, look at `array_indices`, it's a way of
