
Subject: do loop

Posted by [Ali Gamal](#) on Fri, 15 Apr 2016 13:13:45 GMT

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hi, I have

```
col1 =dep[0, 0: 49]
col11 =dep[0, 50: 99]
col21 =dep[0, 100:149]
col31 =dep[0, 150:199]
col41 =dep[0, 200:249]
col51 =dep[0, 250:299]
col61 =dep[0, 300:349]
col71 =dep[0, 350:399]
col81 =dep[0, 400:449]
col91 =dep[0, 450:499]
```

```
.....
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
```

I want to make this as do loop how can i do it ?

Subject: Re: do loop

Posted by [greg.addr](#) on Fri, 15 Apr 2016 14:01:31 GMT

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Don't try to put the indices in the variable name - you'll regret it. Do this instead:

```
col=reform(dep[0,0:499],50,10)
```

then you can access your 'col1' with col[:,0], 'col11' with col[:,1] etc.

Otherwise your next question will be "How do I loop through col1, col11...?"

See previous post... <https://groups.google.com/forum/?hl=en#!topic/comp.lang.idl-pvwave/XNn-lBi9DGQ>

cheers,
greg

Subject: Re: do loop

Posted by [tonyhey](#) on Thu, 21 Apr 2016 15:48:45 GMT

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If you really need the index names, use (ordered) hash variable:
You can use it as normal variables and also loop thru this

```
IDL>dep = findgen(1,500)
```

```
IDL>col = orderedhash()
```

```
IDL>for i=0, 9 do $
```

```
IDL> col[string(i,form='(i1.1)')+ '1'] = dep[0,(i*50):((i+1)*50)-1]
```

```
IDL> foreach values, col, name do print,name
```

```
IDL> help,col['31']
```

```
IDL> print,col['51']
```

A.
