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Subject: Re: Declaring large vectors in IDL

Posted by [Craig Markwardt](#) on Sat, 17 Apr 2010 03:47:10 GMT

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On Apr 16, 9:17 pm, fgg <fabioquimaraesgoncal...@gmail.com> wrote:

> Hi there,

>

> I have this vector written in a batch file (\*.pro):

>

> a = [28, 29, 28, 28, 29, 29, 29, 27, 28, 28, 28, 28, 31, 31, 29, 27,

> 29, 29, 30, 28]

>

> ... and I'd like to add it to the variables view. When I type @'path/

> batchfilename.pro' at the IDL prompt, I get the following message: "%

> Program code area full". Any suggestions?

Here's another suggestion. For medium sized vectors, you can do something like this,

```
a = [1,2,3,4]
```

```
a = [a,5,6,7,8]
```

```
a = [a,9,10,11,12]
```

```
a = [a,13,14,15,16]
```

```
... and so on
```

This won't work for large vectors since A gets redefined each line of the script, and will start to thrash memory. For large vectors you will want to use OPENR/READF as shown by 'pp'

Craig

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