

---

Subject: Trailing array dimensions

Posted by [rjp23](#) on Wed, 01 Jul 2015 09:21:05 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Can someone explain where I'm going wrong with this please?

I have some data which is generally 2 dimensional but occasionally they'll only be 1 data point in the netcdf file, meaning that IDL will initiate it as being 1 dimensional.

For these cases I catch them and reform them to keep the trailing "empty" dimension and put them into a structure.

If I do a help on the structure, this works and keeps the trailing dimension. If however, I do a help on the variable in the structure directly it loses the trailing dimension:

```
IDL> help, data
```

```
** Structure <16d2e18>, 12 tags, length=200, data length=197, refs=1:
```

```
  my_variable
      FLOAT   Array[10, 1]
```

```
IDL> help, data.my_variable
```

```
<Expression>  FLOAT   = Array[10]
```

Any ideas?

---