
Subject: Subset of a structure?

Posted by [troydporter13](#) on Mon, 20 Jan 2014 22:36:06 GMT

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Hi,

I am trying to get a subset from a structure. I have the following;

help, pm25_total, /struc

** Structure <358d280>, 11 tags, length=7160, data length=6566, refs=1:

```
STATION      STRING  'Station1'
OBSERVABLE   STRING  'Value1'
UNITS        STRING  ' microg m-3'
RATE         INT      600
REPORTS_GOOD STRUCT  -> <Anonymous> Array[144]
REPORTS_BAD  STRUCT  -> <Anonymous> Array[1]
REPORTS_GEN  STRUCT  -> <Anonymous> Array[1]
GAPS         STRUCT  -> <Anonymous> Array[1]
JS_GAPS      STRUCT  -> <Anonymous> Array[1]
P_FILL       STRUCT  -> <Anonymous> Array[1]
STATS        STRUCT  -> <Anonymous> Array[1]
```

help, pm25_total.reports_good, /struc

** Structure <3504e50>, 4 tags, length=48, data length=44, refs=2:

```
TIME_GOOD    STRING  '2012/06/01 00:00:00'
TIME_JS_GOOD  DOUBLE   3.9182400e+008
VALUE_GOOD   FLOAT    13.7600
COMMENT_GOOD  STRING  "
```

help, pm25_total.reports_good.time_js_good, /struc

<Expression> DOUBLE = Array[144, 5]

Time_JS_good is in julian seconds so if there is a zero value in my data I want to eliminate it.
I have tried;

```
good_val_pm25 = where(PM25_TOTAL.reports_GOOD.time_JS_GOOD gt 1,
good_val_pm25_count)
```

and then tried to use PM25_TOTAL.reports_GOOD.time_JS_GOOD(good_val_pm25) but it does not work. Any ideas why?

Troy
