
Subject: Removing unwanted data from a structure
Posted by [cab581](#) on Fri, 26 Apr 2013 16:34:59 GMT
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Hi all,

I tried searching for this, but nothing seemed to match my question, so sorry if this has been asked before.

I have a structure with data from an experiment that contains error values. These are given as (for example, but always less than -100) -999 or -888. I want to keep the structure in tact for analysis, but I'm looking simply to replace these values with NaN. I tried and failed (see below) to use WHERE, but it doesn't work and I'm told that you can't use IF statements with structures.

My thoughts:

I know with an array I can just use

```
B = WHERE(A LT -100, count)
IF (count GT 0) THEN A[B] = !VALUES.F_NAN
```

but I think that it is probably inefficient (I have a lot of data) to pull out arrays from my structures, then place them all back in to a new structure to continue my work. Is there any way that I can assign the parts of the structure as scalars for the purpose of an IF statement but replace them back as part of a loop?

Any help is appreciated.
