
Subject: Re: basic array-structure understanding question
Posted by [R.Bauer](#) on Thu, 20 Nov 2008 08:46:59 GMT
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julia.walterspiel@gmail.com schrieb:

> hi everybody
>
> This is what does not get into my head:
>
> I have one array containing my data.
> I have a second array containing the times when the data was
> collected.
> They have the same lenght.
>
> I put them into one structure because we all like structures and I
> learned about their advantages.
>

Hi Julia

you may want to read examples in
http://www.fz-juelich.de/zb/datapool/page/439/00322_Bauer.pdf

page 49++

you can use google.com/translate_t to translate it.

cheers
Reimar

> now:
>
> IN SHORT are those arrays linked somehow? in other words: when working
> with a structure, does IDL know which value matches the corresponding
> date, given the data and the date array have the same length. Are
> those arrays somehow connected or are they completely independent from
> each other?
>
>
> IN LONG: if I want to get e.g. all the data from all Januarys from
> 2000 to 2007, can I do it somehow like
>
> all_jan = structure.data (where(structure.time EQ 200?01?????))..
> then it would automatically "select" only the right values. (and then
> I would have to make a separate array of the corresponding dates, make
> those two new arrays a structure so that I can plot data vs. date all
> in one?)
>

> or do I have to do it via some indexing, like:
> all_jan = where (structure.time EQ 200?01??????))
>
> and then apply the index to my array of data?
>
>
> jeez, i'm real slow on the uptake here.. sorry for bothering you with
> such simple questions, but can anybody help me undo this big knot in
> my brain?
> cheers,
> juls
