
Subject: Re: help automating 'read in process' and general automating help
Posted by [Spon](#) on Mon, 25 Aug 2008 11:03:42 GMT
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On Aug 25, 11:40 am, Spon <christoph.b...@gmail.com> wrote:

> On Aug 25, 4:46 am, mbwel...@gmail.com wrote:

>

>

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>

>

>> Thanks for the response, I have another question though.

>

>> For the

>

>> IDL> help,table,/structure

>> ** Structure <1229360>, 3 tags, length=300, data length=300, refs=1:

>> FIELD1 INT Array[*]

>> FIELD2 FLOAT Array[*]

>> FIELD3 FLOAT Array[*]

>> IDL> a6=fltarr(3,*)

>

>> How might I set it up so that the * in the array automatically becomes

>> placed in the fltarr? i.e. if: array[30] then automatically place 30

>> into fltarr such that fltarr(3,30).

>> The table structure is throwing me off.

>

>> Thanks,

>> Matt

>

> a6 = Transpose([[Table.Field1], [Table.Field2], [Table.Field3]])

>

> Search for the array concatenation tutorial on <http://www.dfanning.com>

>

> Regards,

> Chris- Hide quoted text -

>

> - Show quoted text -

I guess the actual answer to your question is that you should be able to get array sizes out of the structure like this:

NCols = N_Elements(Table.Field1)

My solution just skips that bit and joins up the structure fields into one array, automatically converting the int column to floats in the process.
