Subject: Re: IDL calculating elements in arrays plus there offsets
Posted by Spon on Mon, 08 Mar 2010 12:31:08 GMT
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On Mar 8, 11:43 am, Will <theloneguitar...@hotmail.co.uk> wrote:
> Hi
>
> sorry I don't think the heading was very clear there.
>
> I have loaded a group of arrays (jpeg files) into a seperate float
> array, and again with another group of files I have done the same
> thing. I am now trying to have the two arrays perform a subtraction
> calculation with one another and what I want to do is have the arrays
> do this with each other until they have did the calculation with every
> element. i.e
>
> it does the first calculation, then offsets the elements by one to the
> right and does the next calculation then repeats this until it has
> done every element in the array.
>
> I was curious as to how to do this successflly I am currently trying
> to use a FOR loop after my Repeat loop failed. I have the maths I need
> here but I don't know how to access the subscripts of my array. I have
> inputted all the files into an array using the FLOAT command. the
> likes of FLTARR just keeps saying that I have more than 8 dimensions
> and hence it won't work.
>
> Any ideas guys?
>
> Thanks
>
> Will

Hi Will,

do you mean like this?:

```
arr1 = [3, 4, 2, 8]
arr2 = [1, 0, 4, 8]
diff = arr1 - arr2

print,diff
      2       4      -2       0
```

'diff' will be a 4-element, one dimensional array in this case, but
can just as easily be multidimensional.
So long as the number of elements in both arrays are the same, simply
using the '-' operator will do.

Regards,
Chris