Subject: Re: Question about the TOTAL function. Posted by James Kuyper on Fri, 15 Apr 2005 16:08:15 GMT

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Nuno Oliveira wrote:
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I have a question that somebody that works with IDL many had faced before.

I have a matrix(X,Y), no matter the type of variable, and if want na

array with the projection along de x axis, something like

for i = 0, n-1 do $

SUMX = TOTAL(i, *)

I presume you mean sumx[i] = TOTAL(matrix[i,*])

How can I do it without the FOR cicle.

sumx = TOTAL(matrix, 2)

Similarly, if you want to calculate sumy[j] = TOTAL(matrix[*,j])

you can just use:

sumy = TOTAL(matrix,1)
```