
Subject: Re: Sum of elements in an array
Posted by [velt](#) on Thu, 09 Jun 1994 19:06:54 GMT
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In article ftb@due.uninett.no, ragnar@kvark.fi.uib.no (Ragnar Aas) writes:

> I'm working on a project where I need to sum the result of many IF-statements.
> In order to make this operation faster, I want to vectorize it. The way I
> want it is :
>
> sum=(array_1.element EQ 1)
>
> with sum a scalar, and array_1 an array. (BIG surprise!)
> In other words : If array_1.element equals 1, then add 1 to sum.
> How do I go about to solve this?
>
> Thanx in advance.
>
> Ragnar Aas

Try:

```
sum=n_elements(where(array_1.element EQ 1))
```

Or, when the values of element can only be 0 or 1:

```
sum=total(array_1.element)
```

Good Luck.

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