Subject: Summation Image arrays
Posted by Ali Gamal on Fri, 19 Feb 2016 19:08:40 GMT

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hi,
I have two images as

I=STOKESOUT(*,*,*,0)
V=STOKESOUT(*,*,*,3)
where
IDL> help,stokesout
STOKESOUT   FLOAT   = Array[500, 1000, 20, 4]

I want to do
sum(I+V),
but I want it appears as image not one value
How can I do it?

Subject: Re: Summation Image arrays
Posted by Michael Galloy on Fri, 19 Feb 2016 20:16:12 GMT

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On 2/19/16 12:08 PM, Ali Gamal wrote:
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>
> I=STOKESOUT(*,*,*,0)
> V=STOKESOUT(*,*,*,3)
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>
> I want to do
> sum(I+V),
> but I want it appears as image not one value
> How can I do it?
>
>

Do you mean add up all the values of either I or V in a particular x-y
location? i.e.,

    s = total(I + V, dimension=3)

Mike
--
Michael Galloy

Subject: Re: Summation Image arrays
Posted by Ali Gamal on Sat, 20 Feb 2016 12:36:08 GMT

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On Friday, February 19, 2016 at 9:08:43 PM UTC+2, Ali Gamal wrote:
> hi,
> I have two images as
>
> I=STOKESOUT(*,*,*,0)
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> How can I do it?

If I use total(I+v), the output is one value
I want to do total(I+v) but still as image

Subject: Re: Summation Image arrays
Posted by Michael Galloy on Sun, 21 Feb 2016 21:36:00 GMT

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On 2/20/16 5:36 am, Ali Gamal wrote:
> On Friday, February 19, 2016 at 9:08:43 PM UTC+2, Ali Gamal wrote:
>> hi,
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>>
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>> How can I do it?
>

> If I use total(I+v), the output is one value
> I want to do total(I+v) but still as image
>

Sorry, dimension is a parameter, not a keyword for TOTAL:

    s = total(I + V, 3)

Mike
--
Michael Galloy
www.michaelgalloy.com
Modern IDL: A Guide to IDL Programming (http://modernidl.idldev.com)