
Subject: Re: find positions in vectors

Posted by thomas.jagdhuber@dlr on Thu, 21 Aug 2008 08:47:32 GMT

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On 21 Aug., 09:11, Craig Markwardt

<craigm...@REMOVEcow.physics.wisc.edu> wrote:

> "thomas.jagdhuber" <thomas.jagdhu...@gmail.com> writes:

>> On 20 Aug., 22:16, Jeremy Bailin <astroco...@gmail.com> wrote:

>>> On Aug 20, 4:01 pm, "thomas.jagdhuber" <thomas.jagdhu...@gmail.com>

>>> wrote:

>

>>>> Dear experts,

>

>>>> another question:

>

>>>> I have two vectors (simplified):

>

>>>> a= [1,2,3,4,5,6,7,8]

>>>> b=[2,5,7]

>

>>>> now I want to find the positions in the vector a which contains no

>>>> values of b. I know that it is working with the histogram-function.

>>>> And I can do it for integers, but in reality my values are floats

>>>> between 0.0 and 50.0. and that is the point where I got problems!

>

>>>> Best wishes,

>

>>>> thomas

>

>>> I always use Craig's CMSET_OP for that sort of thing:

>

>>> <http://cow.physics.wisc.edu/~craigm/idl/arrays.html>

>

>>> -Jeremy.

>

>> actually this is working now. perfect, thanks a lot! I have the values

>> now. Next problem: Is there an elegant method to find now the position

>> of each value of b (which is not contained in the vector a) inside the

>> vector b. Because the where-function can only be used for one value,

>> which ends up in using a for loop over the values of b.

>

> Do you mean, like,

> `cmset_op(a, 'AND', /not2, b, /index)`

> ??

>

> :-)

>

> Craig

>
> --
> -----
> Craig B. Markwardt, Ph.D. EMAIL: craigm...@REMOVEcow.physics.wisc.edu
> Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response
> -----

Sorry, stupid! thanks a lot ,this is really elegant!!!
