Subject: Re: find positions in vectors
Posted by Jeremy Bailin on Wed, 20 Aug 2008 20:16:07 GMT
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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.

Subject: Re: find positions in vectors
Posted by thomas.jagdhuber@dlr. on Thu, 21 Aug 2008 06:25:03 GMT
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On 20 Aug., 22:16, Jeremy Bailin <astroco...@gmail.com> wrote:
> On Aug 20, 4:01 pm, "thomas.jagdhuber" <thomas.jagdhu...@gmail.com>
> wrote:
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actually this is working now. perfect, thanks a lot! I have the values
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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.

greets,

thomas

Subject: Re: find positions in vectors
Posted by Craig Markwardt on Thu, 21 Aug 2008 07:11:06 GMT

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

> On 20 Aug., 22:16, Jeremy Bailin <astroco...@gmail.com> wrote:
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> 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: craigmnet@REMOVEcow.physics.wisc.edu
Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response
 -- --------------

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:
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>
> :-)
>
> 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!!!