Craig Markwardt wrote:
> Reimar Bauer <R.Bauer@fz-juelich.de> writes:
>
>>> Alas, Reimar, none of these gives the answer of [2,3,4,6]
>>> that Mr. Hunter was looking for. :-)
>>>
>>> Cheers,
>>>
>>> David
>>>
>>> P.S. I know we are all busy, but maybe we should make
>>> it a new rule that we all have to take a deep breath and
>>> a stretch, then read the question TWICE before
>>> posting an answer. :-)
>>>
>>
>> Oh, yes you are right, I missed to post the right thing. As I started
>> writing I thought I give a complete answer to all related topics.
>>
>>
>>
>> IDL> A=[0,1,3,3,3,6,7,9,9]
>> IDL> B=[3,7]
>> IDL> print,which_indices(a,b)
>
>
> OK, now it's my turn to be nit-picky. The WHICH_INDICES routine uses
> a brute force loop approach which was what the original poster was
> trying to avoid.
>

Dear Craig,

I have learned a new word. "nit-picky"

Yes this was not the best answer to the originally request. But he also
does not show a working routine. I believe it is better to show some
code as you did too. I did the postings because it is later easier to
find the complete knowledge by the google search in one thread.

I will try your method and will watch if some other experts could show a
different solution.
The best result is very important for our group too.

P.S. If we have all read it as carefully as mentioned what would we have
answered. Pavel will uses loops as well, we boths have not read
carefully enough, David hasn't replied.

Reimar

> I think that getting *all* matches without loops is a rather difficult
> problem. The approach that I recommended separately involves a "fast"
> intersection and then a "slow" rebuilding of a duplicates list. That
> falls over too if the intersection result is large, but it should
> always be about as fast as the brute force approach.
>
> Craig
>

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Reimar Bauer

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      a IDL library at ForschungsZentrum Juelich
  http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro. html
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