Subject: Re: Compare two variables
Posted by d.poreh on Mon, 14 Jul 2008 13:00:17 GMT
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On 14 Jul., 04:57, "ben.bighair" <ben.bigh...@gmail.com> wrote:
> On Jul 14, 4:09 am, Joost Aan de Brugh <joost...@gmail.com> wrote:
>
>
>
>
>
>> Hello Dave,
>
>>> hi Joost
>>> but i work with float data. as you said this metheod works for
>>> integer. could we modify it to work for non integer data?
>>> Cheers
>>> Dave
>
>> That is a pity. But isn't that dangerous in any case. If A and B are
>> floats then the expression A eq B is not reliable because of
>> continuous rounding. It may still be reliable if absolutely no
>> arithmetic is involved.
>
>> The compression trick does not work for floats, because of the degree
>> of infinity.
>
>> Maybe a two-step filtering is apropriate
>
>> idx1 = Where(B[2,*] = A[0,j]) ; in for-loop or with the matrix-trick I
>> did with DA and DB.
>> inbetweenresult = B[*,idx1]
>
>> idx2 = Where(inbetweenresult[3,*] = A[1,j]) ; in for-loop or with the
>> matrix-trick I did with DA and DB.
>> result = inbetweenresult[*,idx2]
>
> Hi,
>
> It doesn't seem to me that Dave has provided sufficient information.
> I think the question was not fully fleshed out so it is hard to
> provide helpful answers.
>
> For example, is it possible that the coordinates could be temporarily
> coerced into integers with losing unique pairings? If that is that
> case then he can use the method described by Joost. Or, here is
> another tack, is there a certain granularity (or precision) to the
> coordinates - measured to the nearest tenth or hundreth perhaps? If

> that is the case then he could simply promote the coordinates by
> multiplying by 10 (or 100 or whatever) and then convert to integer.
>
> Cheers,
> Ben- Zitierten Text ausblenden -
>
> - Zitierten Text anzeigen -

Ben
Actually my coordinates are float numbers with 2 decimal. I think your proposed way is good and I can multiply that numbers whit 100 to take integers and after finishing I can divide them to 100 to take actual coordinate.
Cheers
Dave
