Subject: Re: fast array comparison
Posted by Craig Markwardt on Mon, 09 Dec 2002 01:39:23 GMT
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"Sean Raffuse" <sean@me.wustl.edu> writes:
> David,
>
> Thanks for this. It works almost perfectly. I am a little confused though.
> It seems that the indices keyword returns the indices of the requested array
> and not the available array.

Greetings Sean--

Another option is CMSET_OP from my web page. It uses the HISTOGRAM
technique, if the dynamic range of values is small, but graduates to a
different, sort/uniq-based method, if the dynamic range is large.
Indices can be returned using the /INDEX keyword. [In case it isn't
obvious, you want to use the 'AND' operation.]

CMSET_OP also returns indices from the *first* array. This is not a
problem for your application, since you can simply swap the positions
of the first and second arrays in the function call.

Yours,
Craig

http://cow.physics.wisc.edu/~craigm/idl/idl.html   (under Array/Set Ops)