Subject: Re: Count duplicate elements in an array but keep their order!
Posted by David Fanning on Tue, 03 Sep 2013 12:58:33 GMT

Josh Sixsmith writes:

> The following might work.
> Using the UNIQ function will give the indices, which you can use to get the value counts.
> To get the counts for each value you'll then need to use the SHIFT function to offset the indices in order subtract from the original indices.

Using the UNIQ function on a floating point array is probably a bad idea. You might find that ALL your floating point numbers are unique, depending upon how you arrive at them.

I think to solve this problem you are going to have to convert the floats to integers of whatever degree of "floating" accuracy makes sense for the problem. Then work with the integers to find, count, and remove duplicates.

Cheers,

David
--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
Sepore ma de ni thue. ("Perhaps thou speakest truth.")