Subject: Re: array problems
Posted by David Sheerin on Tue, 15 Jul 2008 19:24:13 GMT
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Great - this is an elegant solution...

Thanks!

"Bob Crawford" <Snowman42@gmail.com> wrote in message
news:8d9523e8-2690-4408-89fb-3f2caed198be@25g2000hsx.googleg roups.com...
On Jul 11, 3:26 pm, "jsch...@gmail.com" <jsch...@gmail.com> wrote:
> On Jul 11, 2:36 pm, "David Sheerin" <davidshee...@btinternet.com>
> wrote:
>
>> Hi All
>> I have a palindromic vector of floats, e.g. [a,b,c,b,a] , and I would
>> like
>> to expand it to include the mean between each value like [(0+a)/2, a,
>> (a+b)/2, b, (b+c)/2, c, (c+b)/2, b, (b+a)/2, a, (a+0)/2]. Is there any
>> elegant way of doing this without having to resort to clunky for loops?
>
>> I also would like to repeat this action on the resulting vector.
>
>> Thanks for any tips
>
>> David
>
> Or, even better, just use interpol.
>
> if
> array = [a, b, c, b, a]
> then
> output = interpol(array, 9)
> is your desired result
>
> Josiah

Don't forget to add in the first and last elements.
output2 = [output[0]/2, output, output[0]/2] - or similar.