Subject: Re: array problems
Posted by pgrigis on Fri, 11 Jul 2008 19:59:36 GMT
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jschwab@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)

kudos for the oneliner!

Paolo

> is your desired result
>
> Josiah