

---

Subject: Re: array problems

Posted by [Bob\[3\]](#) on Mon, 14 Jul 2008 15:16:58 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

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.

---