
Subject: Re: Swap even/odd elements in array
Posted by [Xavier Lobet](#) on Wed, 22 Jun 2005 08:52:04 GMT
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In article <1119428174.330105.170110@o13g2000cwo.googlegroups.com>, photosalex@freenetname.co.uk wrote:

> Hi All,
> sorry if the question is trivial:
> how could I swap even and odd elements of a 1-D 16-bit INT array
> without using loops? That is, if the source array is
>
> [a0,a1,a2,a3,...]
>
> I want it to be
>
> [a1,a0,a3,a2,...]
>
> Thanks!

```
n = (size(a))(1)
ind=2*indgen(n)
b=reform(transpose(reform([a(ind+1),a(ind)],n/2,2)),n)
```

Bear my IDL 3.6.1 notation...

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_xavier

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Only one "o" in my e-mail address

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A: Because it messes up the order in which people normally read text.

Q: Why is top-posting such a bad thing?

A: Top-posting.

Q: What is the most annoying thing on usenet and in e-mail?
