Subject: Re: array handling Posted by MC on Wed, 05 Jan 2011 15:07:54 GMT View Forum Message <> Reply to Message

```
On Jan 4, 7:16 am, David Fanning <n...@dfanning.com> wrote:
> bing999 writes:
>> Thanks for answering. But what I want is to divide the number of
>> elements of my array by 2 by keeping only elements with odd index for
>> instance. Is there an IDL routine which does it?
>
> IDL> array = indgen(10)
> IDL> print, array
                              5
                                    6
                                               8 9
        1
              2
                         4
                                          7
> IDL> print, rebin(array, 5)
            2
                  4
      0
                       6
                             8
>
>
> Cheers,
> David
Err, isn't that's going to average the data without the /sample
keyword? As an alternative, how about about using reform:
IDL> array = indgen(10)
IDL> evenodd=reform(array,2,5)
IDL> print, "even:" & print, evenodd(0,*)
IDL> print, "odd:" & print, evenodd(1,*)
As one line:
print,(reform(array,2,5))(1,*)
Cheers MC
```