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Subject: Re: Unpacking algorithm

Posted by [Christopher Lee](#) on Sun, 16 May 2004 15:19:03 GMT

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```
> v0=[0 x1 x2 x3 0 x4 x5 x1 0 x2 x3 x4 0 x5 x1 x2 0 x3 x4 x5]
>
> I just want to get rid of the zeroes (every fourth element) shown in vector
> v0
```

```
n=n_elements(v0)
s=4
index=(findgen(s,fix((n+3)/s)))[1:s-1,*]
index=reform(index, n_elements(index))
;index skips all of the mod 4 indices
new_v=v0[index]
```

```
;or even shorter, if n_elements(v0) mod s = 0
```

```
s=4
v0=reform((reform(v0,s,n_elements(v0)/s))[1:s-1,*],n_elements(v0)*(s-1)/s)
```

Chris.

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