

---

Subject: Re: Unpacking algorithm

Posted by [David Fanning](#) on Sat, 15 May 2004 16:12:37 GMT

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

---

Tmorri writes:

> Does any one have an IDL algorithm to unpack this vector

>

> v0=[0 1 2 3 0 4 5 1 0 2 3 4 0 5 1 2 0 3 4 5]

>

> in the following way:

>

> v1=[0 0 0 0 0]

>

> v2=[1 2 3 4 5 1 2 3 4 5 1 2 3 4 5]

Do you mean something like this:

```
IDL> print, v0
```

```
0 1 2 3 0 4 5 1 0 2 3 4 0 5 1 2 0 3 4 5
```

```
IDL> v1 = v0[where(v0 eq 0)]
```

```
IDL> print, v1
```

```
0 0 0 0 0
```

```
IDL> v2 = v0[where(v0 ne 0)]
```

```
IDL> print
```

```
1 2 3 4 5 1 2 3 4 5 1 2 3 4 5
```

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

---