
Subject: Re: help with chunk indexing

Posted by [Wox](#) on Mon, 02 Jul 2007 09:53:02 GMT

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On Fri, 29 Jun 2007 19:51:14 -0000, "Matt B." <becker.mr@gmail.com>
wrote:

> But what is a fast way to do this

> n = [1,2,1,4] ==> inds = [0,0,1,0,0,1 ,2 ,3]

Maybe there is a more clever way, but this works:

```
in=[1,2,1,4]
```

```
h=histogram(total(in,/CUMULATIVE,/PRESERVE_TYPE)-1,/BINSIZE,  
MIN=0,REVERSE_INDICES=ri)
```

```
nh=n_elements(h)
```

```
i=ri[0:nh-1]-ri[0]
```

```
ind=shift(i,-1)-i
```

```
ind=[1,ind[0:nh-2]]
```

```
out=indgen(nh)-(where(ind))[i]
```

```
print,out ;[0,0,1,0,0,1 ,2 ,3]
```
