
Subject: Re: Time series.

Posted by [russell.grew](#) on Sat, 05 May 2012 01:08:16 GMT

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Hi Dave,

My IDL is a little rusty. The crude example below should give you the idea behind the reverse indices and how to access the values in your bins.

Cheers.

```
z = randomn(7, 100) + findgen(100)/20.
```

```
hist = histogram(z, max =5., min = 0., binsize = 1., reverse_indices =  
r)
```

```
bin1 = r[r[0]:r[1] - 1]
```

```
bin2 = r[r[1]:r[2] - 1]
```

```
bin3 = r[r[2]:r[3] - 1]
```

```
bin4 = r[r[3]:r[4] - 1]
```

```
bin5 = r[r[4]:r[5] - 1]
```

```
results = fltarr(5)
```

```
results(0) = mean(z[bin1])
```

```
results(1) = mean(z[bin2])
```

```
results(2) = mean(z[bin3])
```

```
results(3) = mean(z[bin4])
```

```
results(4) = mean(z[bin5])
```

```
plot, findgen(100)/20, z
```

```
oplot, findgen(5) + 0.5, results, psym = 2
```
