
Subject: Re: cutting/grouping

Posted by [Heinz Stege](#) on Thu, 05 Sep 2013 21:39:47 GMT

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Hi Seb,

I have absolutely no knowledge about R. The following may help you, or may not. Look for the `value_locate` function in the IDL documentation.

It can reproduce the results of your R calculation:

```
IDL> a=indgen(10)+1
IDL> b=indgen(6)*2
IDL> pos=value_locate(b,a)
IDL> pos-=b[pos] eq a
IDL> print,b[pos]
      0      0      2      2      4
      4      6      6      8      8
IDL> print, '('+strtrim(b[pos],2)+' ','+strtrim(b[pos+1],2)+' '
(0,2] (0,2] (2,4] (2,4] (4,6] (4,6] (6,8] (6,8] (8,10] (8,10]
IDL> u=uniq(pos)
IDL> print, '('+strtrim(b[pos[u]],2)+' ','+strtrim(b[pos[u]+1],2)+' '
(0,2] (2,4] (4,6] (6,8] (8,10]
```

Cheers, Heinz
