
Subject: Re: sorting array column/rowwise

Posted by [Paul Sorenson](#) on Wed, 03 Jul 2002 22:27:51 GMT

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Have you looked at the SORT routine? The following example sorts by the first column of a.

```
IDL> a = randomu(seed, 4, 4)
IDL> print, a[* , sort(a[0, *])]
  0.303753  0.933435  0.723623  0.636985
  0.535081  0.804346  0.313356  0.620587
  0.574060  0.790996  0.821293  0.671731
  0.799868  0.0666149  0.123060  0.281230
```

There's also a routine called BSORT at

<http://idlastro.gsfc.nasa.gov/ftp/pro/misc/bsort.pro> . It is like the IDL

SORT function but subscript order is maintained when values are equal.

-Paul Sorenson

"Marc Schellens" <m_schellens@hotmail.com> wrote in message
news:3D2295BC.5030207@hotmail.com...

> Is there an elegant (ie. without loops) way to sort
> the columns or rows of an array?
> I need the sorted indices.
> thanks,
> marc
>

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