
Subject: Re: looking for sort procedure
Posted by [kak](#) on Thu, 16 Jan 1997 08:00:00 GMT
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"R. Bauer" <r.bauer@kfa-juelich.de> writes:

> It was surprising me that's idl's build-in sort procedure is very very
> slow.

> for this example it needs on my RS6000 AIX more than 2 minutes.

```
> a = indgen(10000)
> b = [a,a]
> print,systime(0)
> s = b(sort(b))
> print,systime(0)
```

> end

> This is much too long.

Hi all,

there seems to be a bug in the implementation of this routine:
I tested it on a SUN Ultrasparc and on an IBM RS6000, which
has about the same speed (at least for the Monte Carlo simulation
coded in F77, which usually runs on these boxes).

Result for SUN: below 1 second, 6 seconds for a=lindgen(100000L)
Result for IBM: about 145 seconds

Is this a known bug/feature? There seems to be a major problem
either in the implementation of sort or in the way it uses
the machine's resources (bad optimization?).

Karl

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IPP, PO Box 1533 | Phone: +49-89-3299-1655 | E-Mail:
D-85740 Garching | FAX : +49-89-3299-1149 | krieger@ipp.mpg.de
