

---

Subject: Re: looking for sort procedure

Posted by [j.wendelstorf](#) on Tue, 21 Jan 1997 08:00:00 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

> R. Bauer wrote:

>>

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

>> slow.

>>

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

>>

> Indeed. And it looks like it's not just IDL. PV-Wave 6.01 running on a

> HP9000 J200/99 using HP-UX 9.05a took 4.5 minutes to execute this code.

I would estimate IDL uses the qsort-routine from the systems C-library. qsort in general sorts with  $O(n \log(n))$  [ $n$ =#of items], but degenerates to  $O(n^2)$  for unsorted or reverse sorted data. Maybe the "fast" systems have a workaround, the other did not.

.. Just an idea, keeping "Sorting & Searching"-lessons in mind.

Jens

+-----+-----+-----+-----+-----+  
|Jens Wendelstorf|Inst.of.Welding+TU-Braunschweig|j.wendelstorf@tu-bs.de|  
+-----+-----+-----+-----+-----+

---