

NAME

vqsort -- sorting algorithm

SYNOPSIS

```
vqsort(ptr, cnt, rec_size, p_comparison)
char *ptr;
int (**p_comparison)();
```

DESCRIPTION

Vqsort is an implementation of the "quicker" sort algorithm. It allows a vector of comparison routines. When "ties" in the sort code are encountered, then the next comparison routine is called in order to resolve it unless a NULL is the next pointer.

Arguments

ptr -- is a pointer to an array of "records" to be sorted.

cnt -- is the number of records.

rec size -- is the size of each record in bytes.

p comparison -- is the address of an array of comparison routines. It sets the following externals:

v size -- the size of the records being sorted.

v comp -- a pointer to the first comparison routine.

v cvec -- a pointer to the vector of comparison routines.

v cc -- the return value of the comparison routine.

This subroutine returns no useful value.

LIBRARY

/lib/lib1.a

SEE ALSO

fixedsort(3L), qsort(3C)