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Operating System PROJECT 1

Run-time of Programs With 2 Files (>100MB)

Programs	real	user	sys
psearch1a.c	0m0.798s	0m0.719s	0m0.069s
psearch1b.c	0m0.761s	0m0.718s	0m0.039s
psearch1c.c	0m0.770s	0m0.719s	0m0.043s
psearch2a.c	0m0.829s	0m0.768s	0m0.047s
psearch2b.c	0m0.821s	0m0.759s	0m0.044s
psearch3.c	0m0.760s	0m0.712s	0m0.039s

When we decrease the file size, obviously program executes in shorter time.

For psearch2b.c with 1 file (45 bytes):
- real   0m0.013s
- user   0m0.002s
- sys   0m0.005s

NOTE: The best one surely threads(see also. psearch3.c), since threads are executed in parallel.