

## BenchMarks

These files comprise a set of Benchmarks written in **THINK's LightSpeed Pascal™**. The benchmark routines included are Sieve, Dhrystone and Whetstone.

To build the Benchmarks, simply use the **Build  $\pi$**  project file and compile the project. The three routines are written as units and are (mostly) compatible with other Pascal systems. They do no I/O, all window and screen handling is done by the top level **Bench.p** file. Also, all controls and windows are defined in the program so no resource files are needed. If you don't have LightSpeed Pascal, the file **Bench.p** will need to be modified for the printing of results since LightSpeed Pascal has a built-in procedure (WriteDraw) to allow a program to "write" to the screen.

The benchmark routines themselves are not of my origination. I got them off one of the public bulletin boards.

To use the program, simply select the routine you wish to execute. The other controls will dim and the machine will appear to have hung while the tests are executing. **BE PATIENT!** The **Sieve** routine is the shortest and should take no more than a minute (that's SLOW!). The **Dhrystone** routine will probably be the longest and you may as well go read a book until it finishes. **Whetstone** will also take a while to finish but fret not...the machine hasn't died! While the routines are running, the only way to abort is to hit the programmers (or power) switch since any hooks to sense user intervention will require CPU time taken from accurate timing algorithms.

Anyway, here they are. I claim no copyrights or distribution rights (especially as I got them off a public system), nor do I guarantee the accuracy or usability of the benchmarks. I merely collected the three routines into one place and added the front end. Blame Whetstone, Dhrystone, and Aristophanes.