

# UMTmk

## **Summary Version**

1.0

## **Purpose of Benchmark**

Threading compiler test, single CPU performance.

## **Characteristics of Benchmark**

The single CPU instruction mix should be about the same as the kernels of the full benchmark, which has an instruction mix roughly 33% load/store, 31% floating point, 26% fixed-point, and 10% branch. The main memory bandwidth need is large.

## **Mechanics of Building Benchmark**

A single, simple Makefile is included in the tar file.

## **Mechanics of Running Benchmark**

Simply run the executable with no command-line parameters or environment variables.

## **Verification of Results**

Compare output to the file named result in the tar file.