Today

- CMake and GTest (cont)

Assignments

- HW3 out (due Tues)
Building and Compiling HW3 (and beyond)

We are using some new tools ...

- Google Test for basic unit tests (hw3_test.cpp)
- CMake to help set up compilation (to create a makefile)
- `make` to compile everything

Works out of the box on ada and the department VM

- but requires installation otherwise (make, CMake, and Google Test)

You will also be creating two executable test programs

- One for running your unit tests (hw3test)
- One for running some performance tests (hw3perf)
- I’m providing you with some test data to use for basic performance testing
- The goal:
  - make sure the data structure implementations are correct
  - see how the different data structure implementations compare

Demo ...