Operating Systems

Project 5 Feedback

Grading

• Correctness – 100
  – 25 tests, 4pts each
• Testing – 10
  – documentation/usability
  – thoroughness
• Performance – 20
  – 5 tests, 4 pts each

Notes

• Test suite README released in
  ~/dxu/handouts/cs355/tests/hw5
• Mem_Free is expected to return 0 when called
  on a NULL pointer
  – causes nullfree to fail
• We check that m_error is set to the
  appropriate error # on any -1 return
  – may cause chain fails if you forgot about m_error

Asserts, etc

• assert(ptr[slot] != NULL);
  – checks the return pointer of Mem_Alloc
• assert(Mem_Free(NULL, 0) == 0);
• assert(m_error == E_BAD_ARGS);
• “returned incorrect status code” means that
  on a test program expecting to “exit(0)”, your
  program exited with something else. Likely
  more serious error

Makefile

• Compiles and creates the correct executable
  to the specified name
  – with the command “make”
  – default goal/first target
  – additional targets are fine, but the default must
  work