

Announcements

Unix help sessions

Still a few sessions

Labs start next week

Sign up if you haven't yet

assign0 out, due Monday

Navigating Unix, testing

SCPD students

Should have received email yesterday

Goals for Today

Get a feel for programming in Unix environment

Workflow, tools, pitfalls

Write simple C programs

Syntax, differences from C++, common issues

Programming in C

Compared to C++

Similar syntax, control structures

No syntactic conveniences

Small, simple language

Small standard library, no classes/ADTs

No surprises

Exposes details of hardware

Good for systems applications (OS, networking)

Performance tuning



Summary

Get a feel for programming in Unix environment

make, man, various shortcuts

Write simple C programs

argc/argv, printf/scanf

Compiler warnings

Next time: pointers and memory