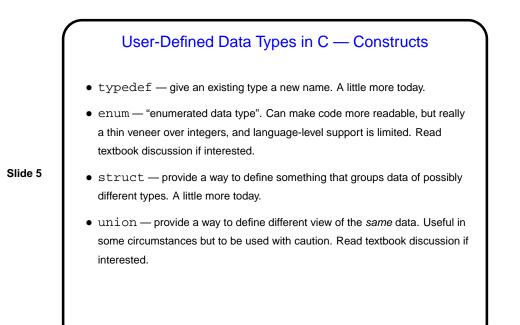
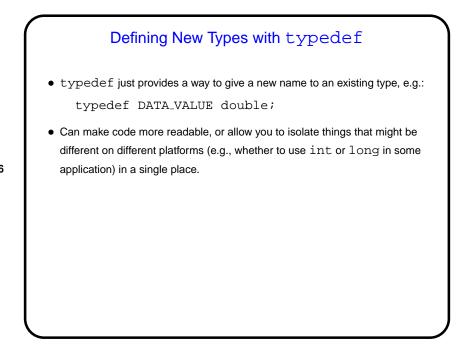
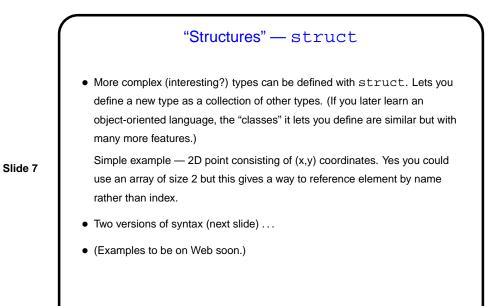


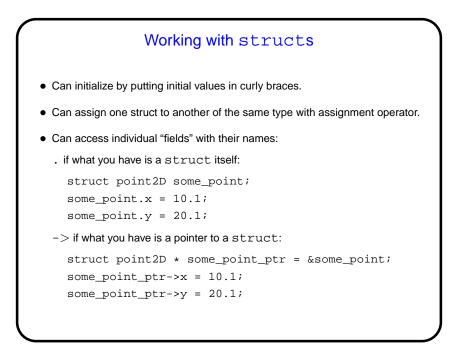
User-Defined Data Types Can do a lot just with single variables and arrays (as I know from a long-ago job — software company, complex financial-analysis program, written in old-style FORTRAN with only arrays — !). But many things are easier and/or more readable if you can define additional types. More-modern languages often provide extensive libraries of data types. C doesn't, but provides tools with which users can write their own (libraries.)

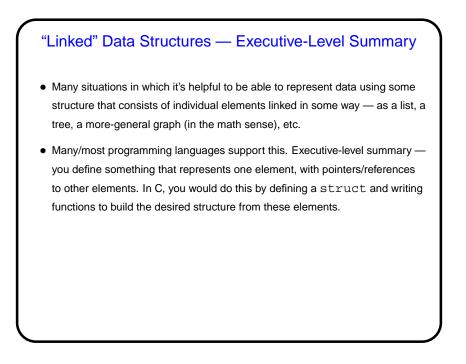


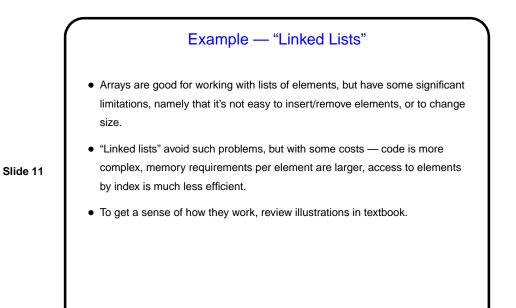




Defining structs • One syntax uses typedef: typedef struct { double x; double y; } point2D; Slide 8 point2D some_point; • Another way doesn't: struct point2D { double x; double y; }; struct point2D some_point;







Minute Essay

What did we not talk about, or not talk about enough, that you can imagine needing in order to write code for a problem you actually want to solve by programming?

Slide 12