

CS 136L Lecture 9

Preprocessing

Key Concepts For Header Files

- `#include` statements.
- Macros
- Conditional compilation (Using macros for features).
- Commenting and Debugging
- Include Guards.

Include Statements

- What is the difference between `#include <fname.h>` and `#include "fname.h"`?
- How do we tell the compiler to search in other directories for header files?

Discussion

Name some examples where you might want to conditionally compile certain parts of your code.

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Name some examples where you might want to conditionally compile certain parts of your code.

- If using different operating systems (cross platform).
- If using different bit architectures (32-bit vs 64-bit)
- If including different features into your code
- If using debugging statements
- If commenting out code (especially useful if nesting!)