CS 309
Autonomous Intelligent Robotics

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Reading responses are still due before Thursday

..but the discussion will happen after Jivko returns

Facebook Group

https://www.facebook.com/groups/420454514730323/

Back to C++

- "Hello World" revisited

- Functions
- Function prototypes

- Header Files
- Implementations & Linking

- Variables
- Scoping

Back to C++

- Structs
- Classes
- Objects
- Access modifiers & encapsulation

- Basics of memory
  - Static allocation
  - Dynamic allocation
    - What are pointers?
    - new vs malloc
    - delete vs free

Back to C++

- Basics of memory
  - Static allocation
  - Dynamic allocation
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Back to C++

- Function arguments
  - Pass by reference
  - Pass by value
  - Passing pointers

Back to C++

- Basic memory management
  - Allocation, creation, & deletion
  - Memory leaks
  - Segfaults
  - Debuggers
  - Stupid programming tricks:
    - Your memory is never safe