Project 1 Checkpoint 2

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Agenda

- Idea behind lex and yacc
- Why lex and yacc
- Starter Code
- Other Project 1 Details
Basic Idea Behind Lex and Yacc

socket
Read Buffer and pass a byte at a time

lex
Tokens matching your rules

yacc
Store state for token stream matching your grammar

Generate Response
Lex

... definitions ...

• Definitions: Definition of tokens

... rules ...

• Rules: What to do when a token is detected

... subroutines ...

• Subroutines: C code (Process tokens)
Yacc

... definitions ...
%%
... rules ...
%%
... subroutines ...

- Definitions: Types of each token
- Rules: Grammar
- Subroutines: C code
Let's go over the starter code!!!
Other resources handed out to you for CP2
Questions