

CMSC 119: (De-)Coding the Drone
Assignment 5: Chatbots
Due by Class (10:10am) October 31, 2013

The next assignment asks you to explore chatbots from two different perspectives. The first uses a Markov Model to randomly generate text based on some source text (`markov.py`). The second uses a rule system based Eliza (`eliza.py`). Note: you can use the `speak()` function in the `Myro` module to hear the synthesized text.

1. Find one or more texts to feed into the markov model-based text generator. Project Gutenberg¹ is a great source of public domain works in plain text.
2. Run the markov model a number of times over your source text. Submit the most interesting generated text.
3. Add at least three new rules (and feel free to delete others) from the provided Eliza program.
4. Interact with your Eliza program and submit a transcript of what was said.

Deliverable

Submit the answers to questions as PDF via moodle:

chatbot_LASTNAME.pdf.

¹<http://www.gutenberg.org/>