

Lab “Semantic Technologies” WS 2019

Problem 4 (to be handed in Thursday, January 2, 2019)

Rivescript is a very simple language to build chatbots, see <https://www.rivescript.com/>.

Eliza is a chatting computer program that simulates a human psychiatrist. It is easily implemented in Rivescript:

<https://github.com/aichaos/rivescript-js/blob/master/eg/brain/eliza.rive>

- a.) Install a RiveScript interpreter on your favorite computer and implement Eliza.
- b.) Knowing the internal structure of Eliza, can you ask a question that clearly allows to distinguish a human psychiatrist from RiveScript Eliza? Answer in writing.
- c.) Characterize how RiveScript Eliza is learning about you – does it conform to a behavioristic model, a constructivistic model – or what? Explain your answer in detail.