

ICA 7 Parsing

(October 28th)

The goal of this ICA is for you to become familiar with standard parsing tools and understand the syntactic analysis of sentences using dependency parses.

1. Create a 10-sentence dialog between you and a bot. Feel free to be creative in this part, and do not constrain the bot responses in any way. This should result in 5 interactions between you and the bot, where each of you gets a turn. Please use complete, well-formed sentences and try to avoid slang and jargon.
2. Parse each sentence with Stanford Parser and look at the dependency parse. <http://nlp.stanford.edu:8080/parser/>
3. Parse each sentence with Spacy and look at the dependency parse. <https://explosion.ai/demos/displacy>
4. Write a one-paragraph summary comparing and contrasting the parses, and compare how they would be useful for SRL and for understanding the user responses to a chatbot.

Submit a word file containing:

- a. The 10 turn dialog
- b. The stanford parse of the 10 sentences
- c. The Spacy parse of the 10 sentences
- d. Paragraph summary as outlined in 4 above.