

Parse the sentence: $_0 He_1 said_2 he_3 will_4 now_5 consider_6 those_7 of fers_8 ._9$

- Assume the gold standard: $\{ \langle 1,2 \rangle, \langle 2,0 \rangle, \langle 3,4 \rangle, \langle 4,2 \rangle, \langle 5,4 \rangle, \langle 6,4 \rangle, \langle 7,8 \rangle, \langle 8,6 \rangle, \langle 9,2 \rangle \}$

- Choose any algorithm of your choice (might as well be your own)
- Specify how different configurations look like in each step
- Specify a feature model (i.e. feature templates you would like to use) and instantiate them with concrete values for each configuration
 - assume that you have word forms and POS tags, but no morphological information available
 - write down the feature vectors (preferably into a text file, since you will need them for the other exercise). You might use one of the formats presented in the lecture or define your own one.
- Discuss the advantages and disadvantages of your algorithm (runtime complexity, number of configurations, determinism, incrementality etc.)