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Assignment 5 : Develop a chunker

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- To get a more comprehensive understanding of chunking and chunk types see : <http://ltrc.iiit.ac.in/tr031/posguidelines.pdf>
- Using the algorithms learnt in the classes before, develop a chunker.
- Use all other linguistic resources we have dealt with previously : POS, Morph etc.
- Data–English : https://cogcomp.cs.illinois.edu/page/resource_view/40
- Develop a POS LM
- From the chunk-annotated corpora develop a chunk-level LM.
 - First make an LM for chunk tags.
 - Generate some chunk-sequences from that LM. are they grammatical ?.
 - Make chunk-tag specific LMs i.e. $P(\text{word}_i | \text{word}_{i-1}, \text{chunk} - \text{tag})$ for each word.
 - Now, given a chunk-tag, you can generate words in a chunk.
 - Combine all of this and you get a chunk-based LM generation
- Compare POS LM and Chunk LM .

Submission status

Attempt number	This is attempt 1.
Submission status	No attempt
Grading status	Not graded
Due date	Monday, 10 October 2016, 5:00 PM
Time remaining	6 days 17 hours
Last modified	-
Submission comments	► Comments (0)

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