

NLP@IDC

Final Project

Reut Tsarfaty

bf Due on July 11, 2013, 24:00

General The final projects for the NLP@IDC course may be on any topic taught in class or any content which is related to Computational Linguistics/Natural Language Processing. The list of topics includes but is not limited to:

- Morphology
- Tagging
- Segmentation
- Parsing
- Semantics
- Language Modeling
- Corpus-based methods
- Information Extraction
- Sentiment Analysis and Opinion Mining
- NLP for social media
- And more

Important Dates

- Project approval: June 4, 2013
- Project Proposal: June 11, 2013
- *(Optional)* Preliminary submission for feedback: July 1, 2013
- *(Optional)* Submission for EMNLP: July 5, 2013
- Project submission: July 11, 2013

Description

- **Phase 1: Approval.** Email the lecturer before June 4 your project for approval:

- Participants (names, student ID)
- Project title
- Short description: research question/project goal (up to 150 words)

You will only be able to submit the report if this team/title/goal have been approved.

- **Phase 2: Proposal.** On the last class of the semester, present and discuss your project proposal in 5 slides. Every team will be allocated 10 minutes for that.

- Introduction : Presenting the challenge and/or research question
- Background : Previous work (may be based on your LS notes)
- Approach: Describe the approach/solution you want to pursue
- Experiments: Describe the experiments you plan to run, data you plan to use.
- Horizons: What do you expect to find out, what challenges you expect to tackle.

The goal of this phase is to provide feedback on your ideas, by me and by your class mates. The aim is that you step out of this class ready to start implementation.

- **Phase 3: Submission.** Your archive should include the familiar directory structure:

- src/ (all source files)
- data/ (all the data files you used for training and testing)
- exps/ (all the files used and generated by the experiments)
- results/ (all the results files and evaluation files)
- doc/ (the final project report)

The final project report should be in either doc or pdf format and should use the ACL style files (found here <http://www.acl2013.org/site/call.html>). The length of the report should be between 4-8 pages (excluding references). Your report should cover the sections from the above proposal (Introduction, background, approach, experiments) plus the following sections:

- Implementation: A bird's eye view of the architecture
- Results: your empirical results and analysis
- Discussion/Conclusion/Future work

Submissions

- Submission should be in teams of up to 4 members (in special cases, larger teams may be approved) on the proviso that the project for the team was approved by the lecturer.
- Submission is due on **Thursday July 11, 2013, 24:00**. Submission should be sent by email to *nlp.idc.final@gmail.com*. In case the submission is too large, you can use web services such as *yousendit* or *wetransfer*.
- Submission should include, in the body of the mail, a description of the part of each of the team members in the project (implemented sections, writing, investigation, data preparation, experiment execution, analysis of results, etc.)
- The report should be self-contained in the sense that it includes all the details relevant to understanding the idea and replicating your results, and it should contain your empirical results and analysis therein (references to results files will not be accepted).
- Submissions will be graded based novelty, soundness, completeness, and clarity.

Any further questions or inquiry should be sent by email to the lecturer.

Good Luck!