

Project

L715: Data manipulation for parser improvement

Autumn 2011

The goal of the project is to combine a theoretical approach discussed in class with something practical. That is, take some particular research agenda and implement something which provides additional insight (at least to you) on that research. This could be:

- a reimplementaion of someone's work;
- an exploration (e.g., thorough testing) of a particular technique;
- a combination of different techniques;
- an in-depth analysis of the strengths & pitfalls of certain parsers;
- etc.

You will be working individually, but it's possible that some of the work will overlap, and you may collaborate on subparts of your projects, if need be.

For the paper, I expect you to:

1. write up a (5-page) review of the relevant literature, focusing on the parts which are more important for what you're doing
2. perform a series of experiments, the nature of which will be outlined in another 5+ pages
3. think about future directions and outline (2 pages) of how your initial work for this project could lead to a research project

All page numbers are approximate only. And note this, as well: in order to prepare you for the future better, I am requiring you to use \LaTeX to write the paper.

- You should start brainstorming immediately, and I recommend discussing topics with me and selecting your topic before Thanksgiving.
- You will give a presentation on your project on December 14, during our final exam time slot (2:45-4:45pm).
- The paper is due the next day (December 15) at 5pm.