Final project

(Due: Thursday, 15. March 9^{00} a.m.)

The final project consists of implementing a grammar for a small text in the ALE system. More concretely:

- Pick a text (English, German, French, or Spanish) consisting of approx. 10 sentences with approx. 100 words. Beware of complicated linguistic phenomena like parentheticals etc.—when in doubt, pick something simpler. While, as usual, you are encouraged to work together, each student should pick a separate text and submit a separate grammar.
- Think about syntactic analyses for these sentences. Try to capture generalizations where possible. However, your main focus should be to try to license the sentences in your 10 sentence corpus and to exclude related ungrammatical ones.
- Implement and test an ALE grammar incorporating your analyses. Include comments in your grammar on which part does what—but don't overdo it: more than three lines of comment per line of code is too much. Include a test predicate which starts parsing of the examples of your corpus. You should submit a single prolog file containing:
  - the commented grammar,
  - the test suite predicates with your 10 sentences, and
  - if you have additional comments on your grammar or analyses, maximally half a page of comments added to the grammar file delimited by /* ... */

  Note: Your grammar should only include whatever is needed for your grammar. In particular, do not just copy things over from theories such as HPSG if they do not play a role in your grammar. We saw some grammars in class and a variety of grammars is available on the web. You can, of course, look at other grammars for inspiration, but refrain from copying parts of such grammars, i.e., write the grammar from scratch to make sure you understand every part of your grammar.