

## Assignment 3: Artificial Intelligence Programming Paradigms

### Frame semantics

Deadline: Friday 2 December 2016, start of class

#### Description

In this assignment it is your task to start from the `fron.lisp` code provided in class and modify it in such a way that you can:

1. Build up a world model that contains facts for the following FrameNet sentences:
  - a. "Sally fried an egg in butter."
  - b. "Sally fried an egg in a teflon pan."
  - c. "Jim browned the roast in the oven."
2. Make sure the facts that are instantiated are triplets that follow the extensive meaning representation that was used in Assignment 1. To ensure this, you have to modify the `fron.lisp` source code.
3. Print out the world model in a structured way, if possible adding a possibility to have a visualization in the Babel web interface.

#### Format

Submit your source code as a zip file together with the updated `fron.lisp` code. The zipped folder should contain one run file to instantiate the facts underlying the FrameNet sentences. We can discuss your progress in the class of 25 November.