

LING 696G: Syntax and Computation

- Lecture 6

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Announcement

- Next time:
 - Guest lecture: Tom Bever
- Today:
 - *Building **LEX** from scratch: an example using Japanese*

Preliminaries

You will first need to download and modify the bare files

`lexN.prolog` and `code_N.prolog`.

Place them in the same directory as the other 696A *SMT Parser* files.

The (generic) empty **LEX** is `lexN.prolog`.

You will also need to download the 696A *SMT Parser* (v2), which has some updates to the **EXT** and linear processing components.

```
swipl -s code_N.prolog
```

loads in the *SMT Parser* with the empty **LEX**
`lexN.prolog`. `code_N.prolog` is defined as follows:

```
:- ensure_loaded(core).  
:- ensure_loaded(lexN). % generic LEX  
:- noMorphology.
```

We recommend you copy and rename these files. For example, for this exercise we can copy them as `lexJ.prolog` and `code_J.prolog`, taking care to change `lexN` into `lexJ` inside `code_J.prolog`.