Stanford Parser

Available online at http://nlp.stanford.edu/software/lex-parser.shtml.

Requires Java to run.

Package contents

Java implementation of probabilistic natural language parser:

- highly optimized PCFG
- lexicalized dependency parser
- lexicalized PCFG parser

Grammars for various languages in `*.ser.gz` files:

- English
- German
- Chinese
- Arabic

GUI

Less options, but produces graphical output

Windows: run `lexparser-gui.bat`

Linux: try `lexparser-gui.csh` (didn't work for me)

Further usage

We'll stick with Linux from now on…

Run `./lexparser.csh testsent.txt` and see what happens. Try `cat lexparser.csh` to see how it's done:

```
java -mx150m -cp "$scriptdir/stanford-parser.jar:"
edu.stanford.nlp.parser.lexparser.LexicalizedParser -outputFormat
"penn,typedDependencies" $scriptdir/englishPCFG.ser.gz $*
```

Dependencies are explained in a PDF file included in the distribution.

Training the parser

See `makeSerialized.csh` to see commands that were used for the provided models.