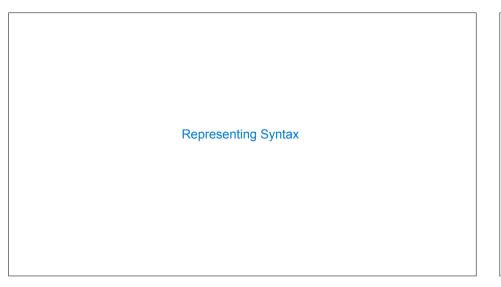
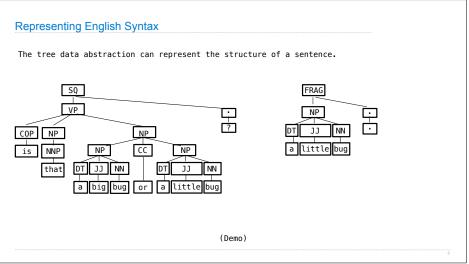
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Syntax		Announcements
	L	

English Syntax Programming languages and natural languages both have compositional syntax. Is that a big bug or a little bug? I've never seen such a cute kangaroo. Natural Language Syntax COP PRP AUX ADVP CC NNP 've RB VBN DT JJ NN or DT JJ never seen DT DT JJ | | | | | such a cute kangaroo a big bug a little bug Utterances from the Suppes subject in the "Child Language Data Exchange System (CHILDES)" project MacWhinney, B. (2000). The CHILDES Project: Tools for analyzing talk. Third Edition. Mahwah, NJ: Lawrence Erlbaum Associates.





## Reading Data

## Tree Representation

```
Finding Branches
```

```
['(', 'NP', '(', 'DT', 'a', ')', '(', 'JJ', 'little', ')', '(', 'NN', 'bug', ')', ')']

current_branch: [ '(', 'DT', 'a', ')' '(', 'JJ', 'little', ')' '(', 'NN', 'bug', ')' ]

all_branches: [ ['(', 'DT', 'a', ')'], ['(', 'JJ', 'little', ')'], ['(', 'NN', 'bug', ')']]
```

```
Manipulating Language

(Demo)
```