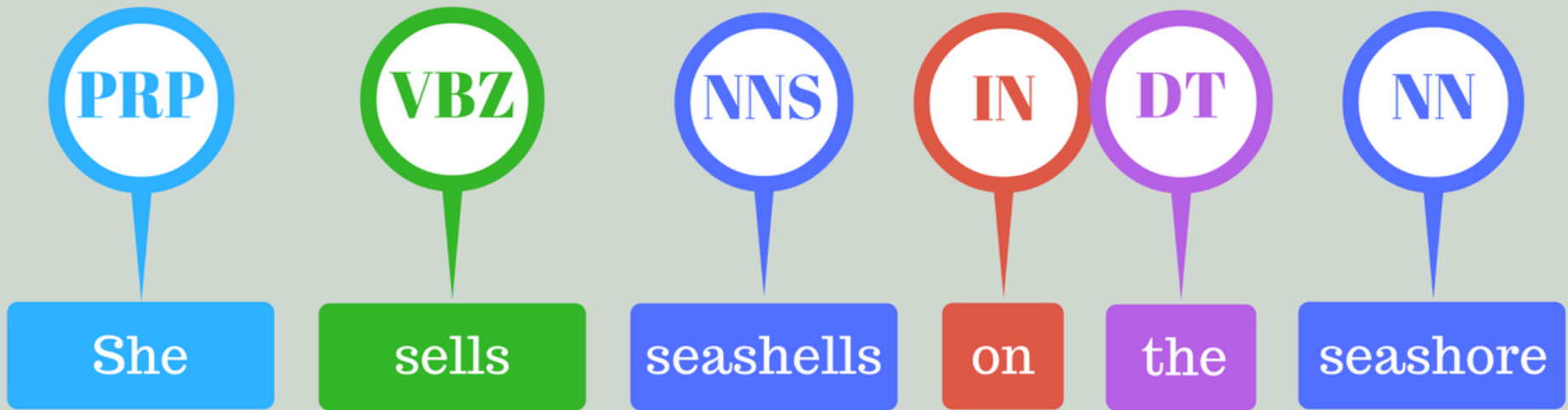


POS



Part Of Speech Tagging

Hannanum	Kkma	Komoran	Mecab	Twitter
아버지가방에 들어가 / N	아버지 / NNG	아버지가방에 들어가신다 / NNP	아버지 / NNG	아버지 / Noun
이 / J	가방 / NNG		가 / JKS	가방 / Noun
시ㄴ다 / E	에 / JKM		방 / NNG	에 / Josa
	들어가 / VV		에 / JKB	들어가신 / Verb
	시 / EPH		들어가 / VV	다 / Eomi
	ㄴ다 / EFN		신다 / EP+EC	

Hannanum	Kkma	Komoran	Mecab	Twitter
하늘 / N	하늘 / NNG	하늘 / NNG	하늘 / NNG	하늘 / Noun
을 / J	을 / JKO	을 / JKO	을 / JKO	을 / Josa
나 / N	날 / VV	나 / NP	나 / NP	나 / Noun
는 / J	는 / ETD	는 / JX	는 / JX	는 / Josa
자동차 / N	자동차 / NNG	자동차 / NNG	자동차 / NNG	자동차 / Noun

Collocations

Collocations

WHAT A sequence of words or terms

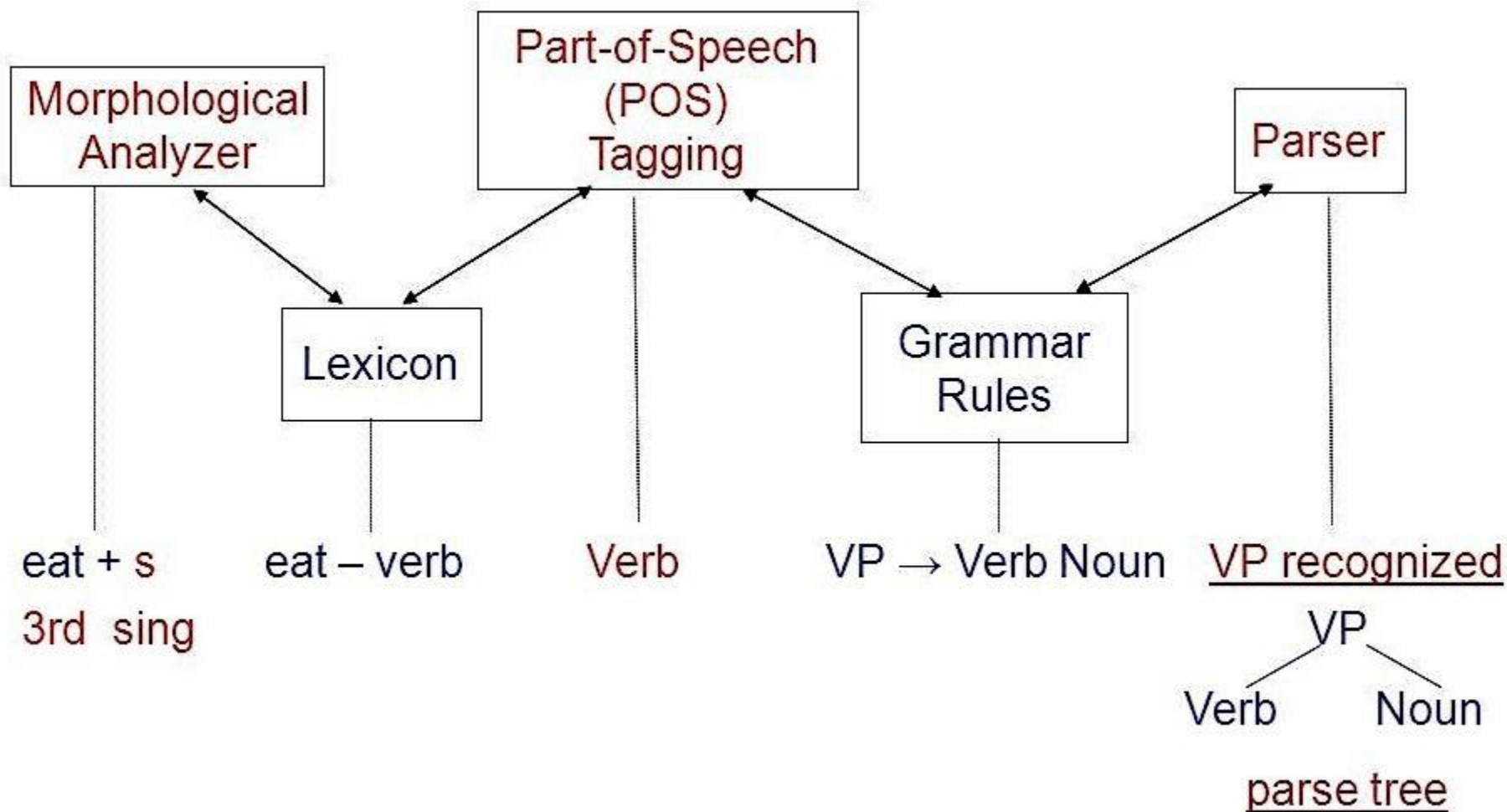
co-occur more often than would be expected by chance

*frequency counting, **Pointwise Mutual Information**(PMI), hypothesis testing(t-test and **chi-square**), ...*

Collocations	
Correct	Incorrect
<ul style="list-style-type: none">• High temperature• Have an experience• Heavy rain	<ul style="list-style-type: none">• Tall temperature• Make an experience• Thick rain

Phrase

- Longer phrases may be used rather than a single word, but fulfilling the same role in a sentence.
 - ***Noun phrases*** refer to objects: *four fried chickens*.
 - ***Verb phrases*** state what the noun phrase does: *kicks the dog*.
 - ***Adjective phrases*** describe/qualify an object: *sickly sweet*.
 - ***Adverbial phrases*** describe how it is done: *very carefully*.
 - ***prepositional phrases***: add information to a verb phrase: *on the table*



```
class nltk.chunk.regexp.RegexpParser(grammar, root_label='S', loop=1, trace=0)
```

[\[source\]](#)

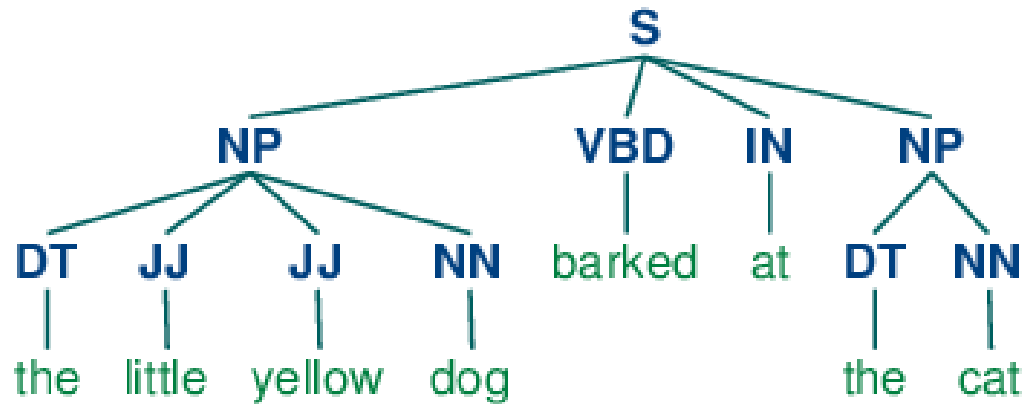
Bases: [nltk.chunk.api.ChunkParserI](#)

A grammar based chunk parser. `chunk.RegexpParser` uses a set of regular expression patterns to specify the behavior of the parser. The chunking of the text is encoded using a `ChunkString`, and each rule acts by modifying the chunking in the `ChunkString`. The rules are all implemented using regular expression matching and substitution.

A grammar contains one or more clauses in the following form:

NP:

```
{<DT|JJ>}           # chunk determiners and adjectives
}<[\.VI].*>+{         # chunk any tag beginning with V, I, or .
<.*>}{<DT>          # split a chunk at a determiner
<DT|JJ>{ }<NN.*>     # merge chunk ending with det/adj
                     # with one starting with a noun
```

내 친구가 잠을 많이 잔다.
명사구 동사구

Exercises

