

Stemming example

Porter's stemmer

- 5 heuristic phases of word reductions, applied sequentially
- Example of phase 1 rules:

Rule	Example
SSES → SS	caresses → caress
IES → I	ponies → poni
SS → SS	caress → caress
S →	cats → cat

- `nltk.stem.PorterStemmer`
- Examples:
 - feet → feet
 - cats → cat
 - wolves → wolv
 - talked → talk
- Problem: fails on irregular forms, produces non-words