

Chapter 22

Natural Language Processing

Why should agents do NLP?

- Knowledge acquisition from spoken and written language artifacts (e.g. on the web)
 - This chapter
 - *Natural* language is messy!
- Communicate with humans
 - Chapter 23

Outline

- Language Models
 - Predict the probability distribution of language expressions
- Information-Seeking Tasks
 - Text Classification
 - Information Retrieval
 - Information Extraction