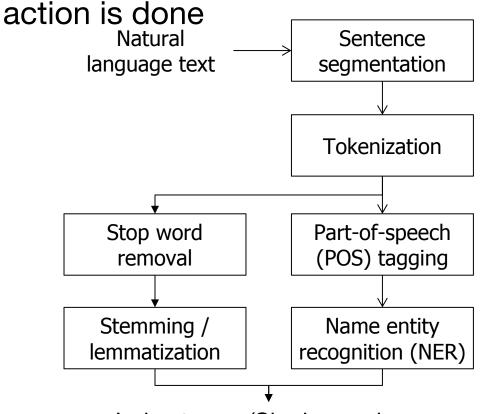
IR vs NLP

- Both IR and NLP deal with natural language texts
- IR: indexing, stop word, stemming, root word, ...
- NLP: tokenization, lemmatization, morphological analysis, ...
- IR is more efficiency minded, while NLP is semantics minded
- Their boundary is blurred: IR is increasingly semantics minded

The Document Pipeline

 There are different designs about which action should be done first, and which should be second, and where an



- Break a document into sentences
- Convert a sentence into words
- Identify syntactic classes for each token/word
- Identify compound nouns, places, person names, etc.

Index terms (Single words or Search Engines and Applications)