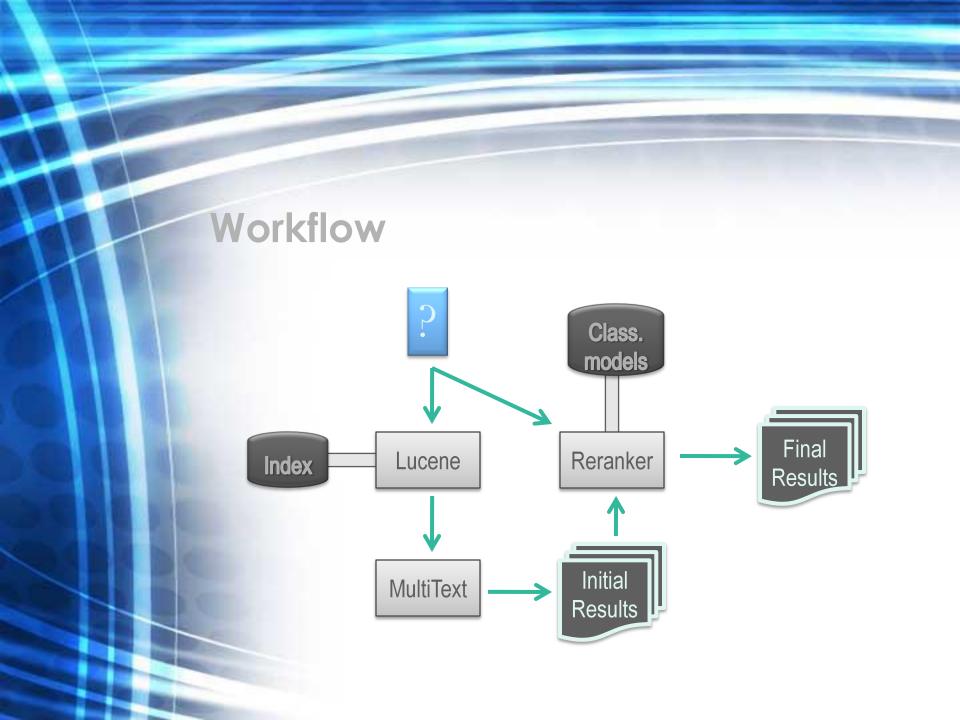
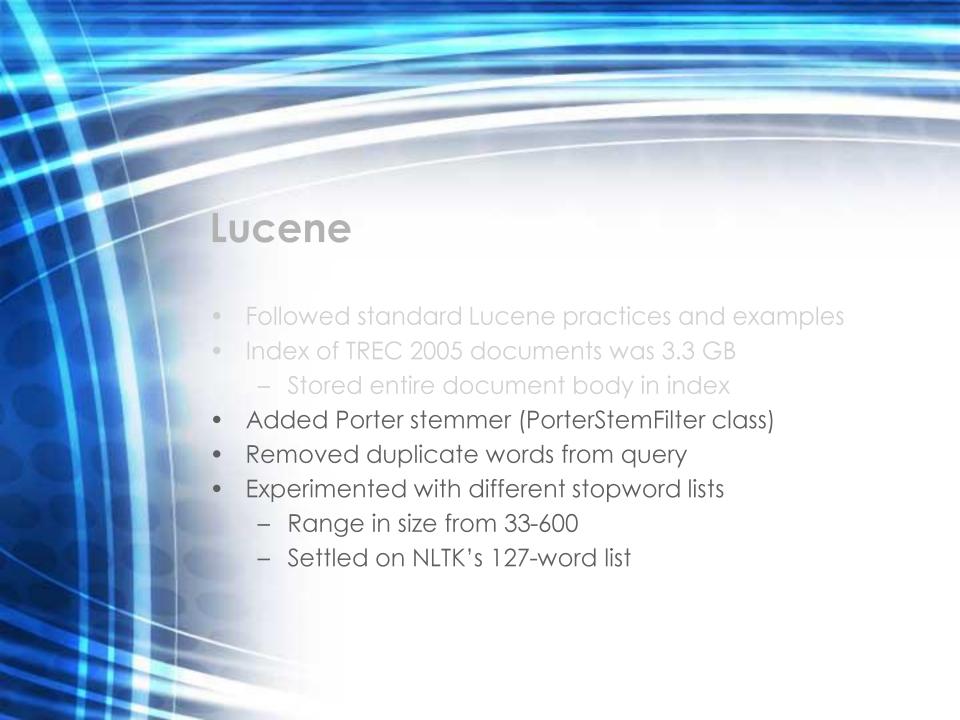
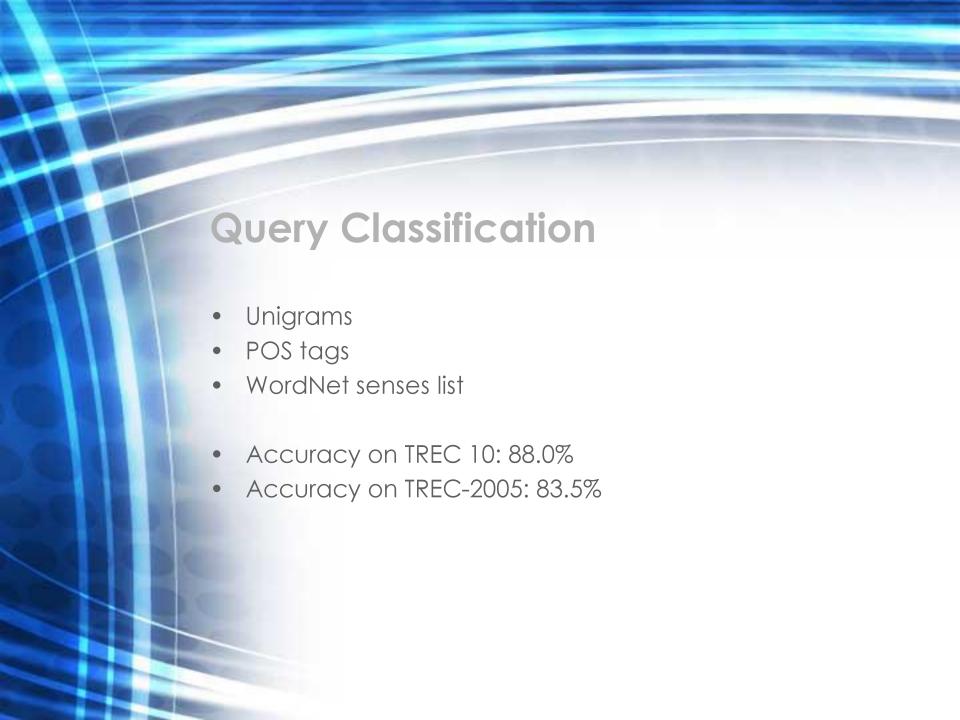
## Deliverable #4: The Whole Enchilada Thomas Phan Jason Shaw Varden Wang













- Automatically constructed training data
  - Labels: query classifications
  - Instances: correct answers from corpus
  - Features
    - Unigrams
    - WordNet senses
- Accuracy

	100	250	1000
Coarse	59.4%	60.8%	58.4%
Fine	43.6%	43.1%	39.3%

## Results

- Document Retrieval
  - Stopping lowers MAP (.301 to 0.291) but increases precision ( $P_5$ : 0.176 to 0.185)
- Passage Retrieval (Lenient MRR)

	100	250	1000
Deliverable 3	0.111	0.201	0.380
Stopping	0.072	0.142	0.296
Reranking	0.081	0.142	0.297

2004 reranking boost: 0.065 to 0.083

