Presentation

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June 20, 2016

Features

- Python3
- pairCounts and similarwords
- Two methods: fast & slow (more thorough)

Method 1

- Question type
  - 'wat', 'wie', 'waar', 'wanneer', 'hoeveel', 'welke', 'hoe'
- Slight differences
  - 'hoe lang' $\rightarrow$ lengte
  - "Wie/wat is de/het X van Y"
- Get property and URI
  - Find subject, use it as property
  - Find object, use it to find URI
- Query
- If this fails...

Method 2

- List of Keywords (K_Q): Nouns and their Adjectives
- Find URI's: Subject first, NP's later
- Sort URI's: $75 \parallel K_Q \cap K_{URI} \parallel -10 \parallel K_{URI} \parallel - \parallel URL \parallel$
- Get Properties P from URIs
- Possible Answers: $P \cap K_Q$

Results

- 16 correct answers (assuming no spelling error in question 37)
- Precision: $16/41 = 0.39$
- Recall: $16/50 = 0.32$
- F-score: $2* ((0.39*0.32)/(0.39+0.32)) = 0.35$

Analysis

- "Wie/wat is de/het X van Y" had high performance.
- Other types questions

The End

Thank you for your time.