Searching patterns in Movie Casting

Students:
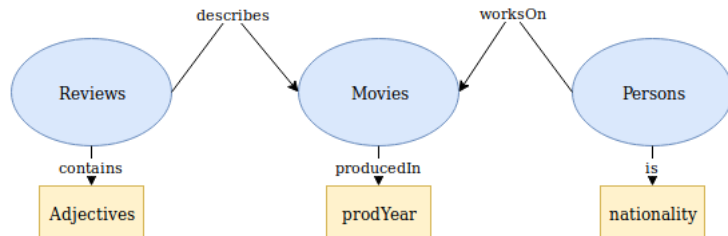Lucas van Berkel
Ruben Woortmann

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Supervisors:
Ilaria Tiddi
Albert Meroño Peñuela

RESEARCH PROBLEM AND MOTIVATION

- Problem definition
  - What are the characteristics of good movie castings?
- Used datasets
- Conversion methods(txt, csv, rdf)

ONTOLOGY

- How to match different datasets
  - $\rightarrow$ String compare on movie title and names of persons
    (possibly using Levenshtein distance as metric)

ENVISIONED RESULTS

- Optimal queries
  - *Where do the most spouses come from of actors which performed in movies that were described as "Pathetic"?*
  - *What are the different words in the top 10 of most descriptive words between American movies and English movies?*
- Funny statistics
  - $\sim 10\,\%$ of reviews mentions the movie title
- Construct API
  - Making patterns in movie castings found easy
- Possible extensions
  - Adding more review sources
  - Incorporate financial status of country of production (Wild idea)