Wiki-Guided Ontology Learning of Bibliographic Data

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- **Input**
  - DBLP dataset + Wikipedia Dump
  - Domain query, e.g. Data Mining

- **Output**
  - Ontology of the related domains
Progress

- Surface Forms extraction from Wikipedia
- Noun phrase extraction from DBLP abstracts
- Wiki dm/ml hidden network discovery
Ongoing

- Generate better networks in term of recall from NLP point of view
- Study role discovery problem in networks