

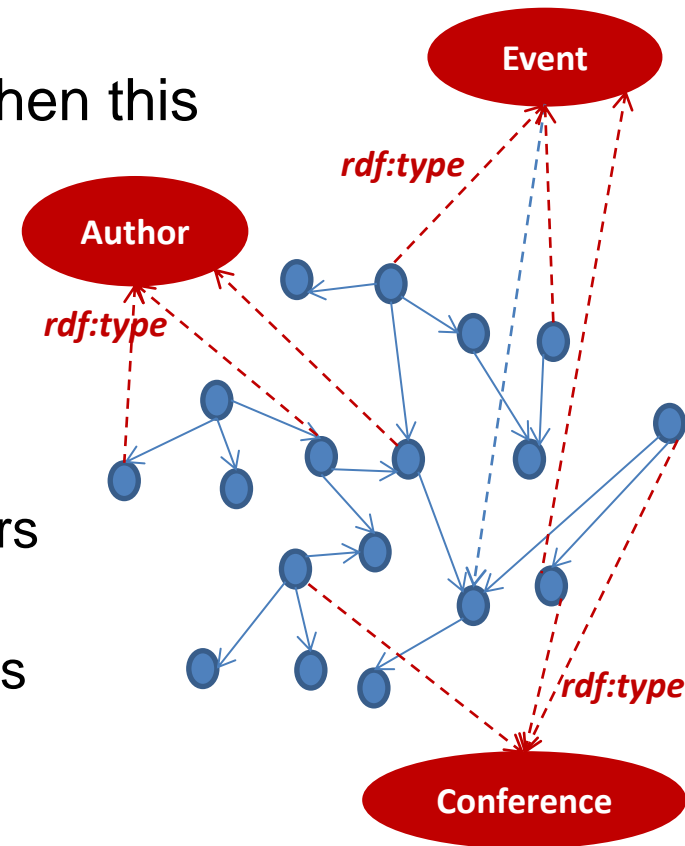
Discovering Types in RDF Datasets

Our Goal

Providing the types describing a dataset when this information is incomplete or missing.

Our Approach

- Type discovery using density-based clustering
 - Groups entities according to the neighbors density
 - Robust to noise and deterministic, detects classes of arbitrary shape
- Type profiles generation
 - Properties with a level of confidence
- Overlapping types generation
 - Profile analysis



Conference Profile

→ ←
<(URL, 0.5), (affiliation, 0.25),
→ →
(date, 1), (chair, 0.75)>