

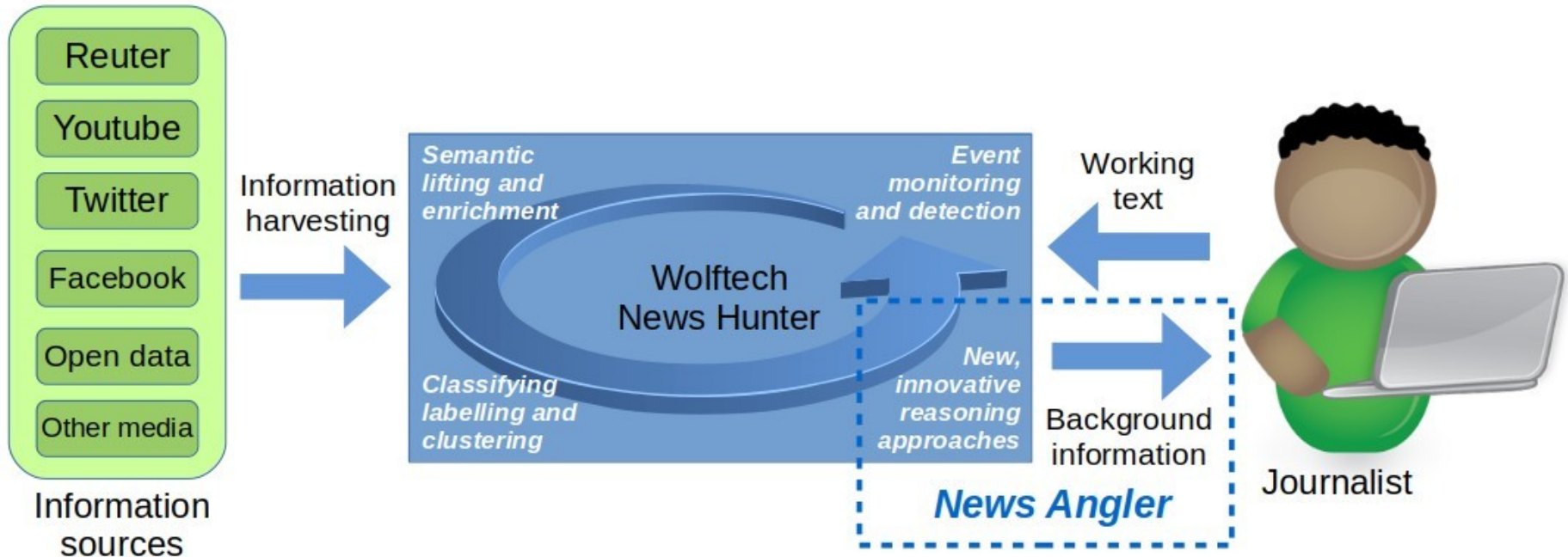
# Ontologies for News Angler



Why ontologies? – the News Graph –  
ontologies – research methods

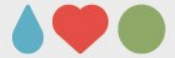


# News Angler



*“Wolftech News supports and improves the workflows in a newsroom through mobile solutions for field work that are integrated with central systems for news monitoring, resource management, news editing, and multi-platform publishing”*

- 1) Harvesting and analysing messages
  - 2) Growing a semantic news graph
    - concepts, named entities, context...
  - 3) Analysing working texts (stories)
  - 4) Identifying background information
  - 5) Prioritising and preparing
  - 6) Journalistic and editorial preferences
- Research: graph, searches, preparation, preferences, language, scaling*



# Why ontologies in NA?

- Joint understanding of the problem domain
- Structure (each part of) the knowledge graph
- Well-defined vocabularies for lifting, organising, reasoning, retrieving...
- External linking (by reusing from/bridging to existing ontologies)
- Architectural guidance
- Perhaps also some value in formal reasoning



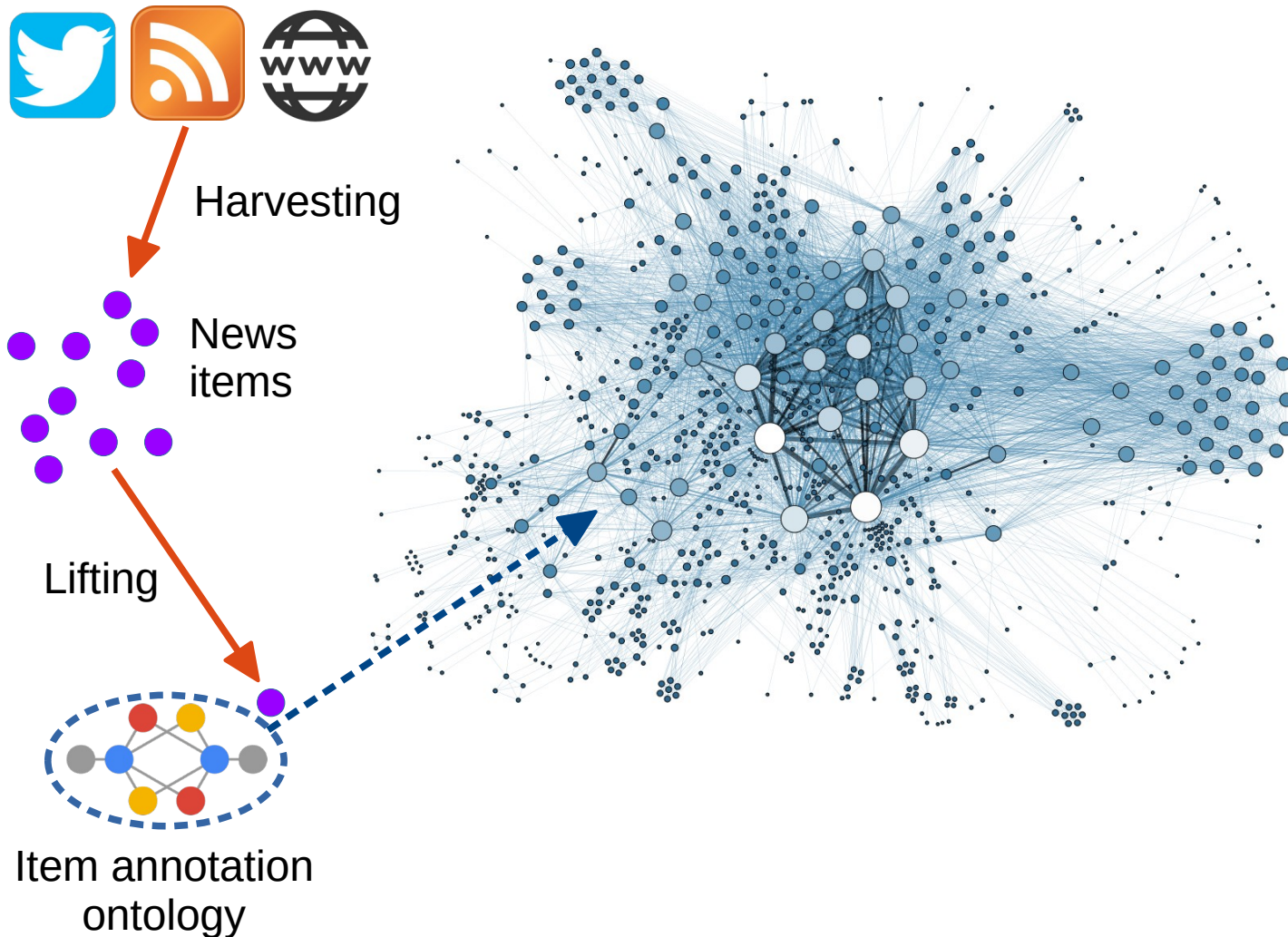
# A single central news graph



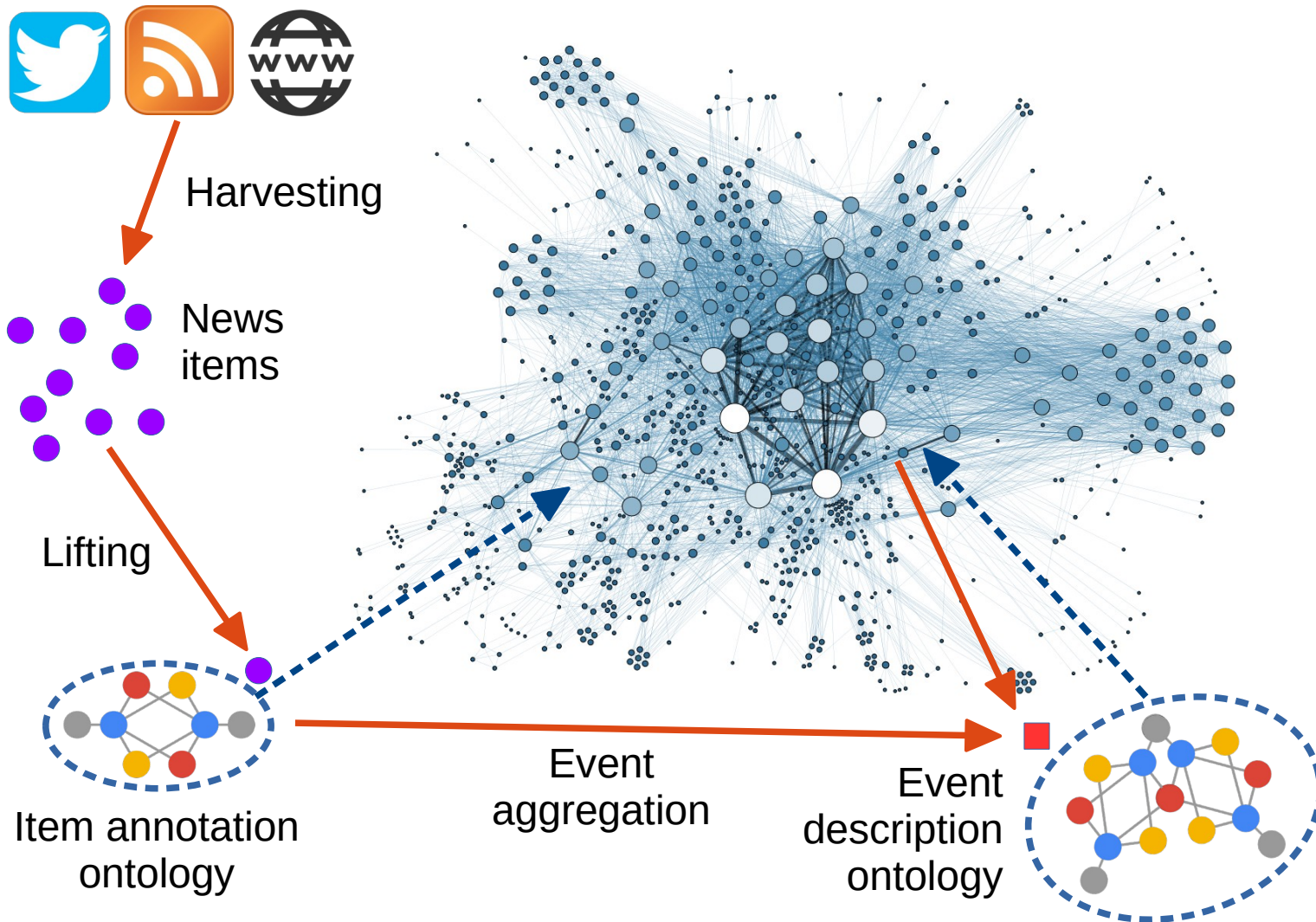
# A single central news graph



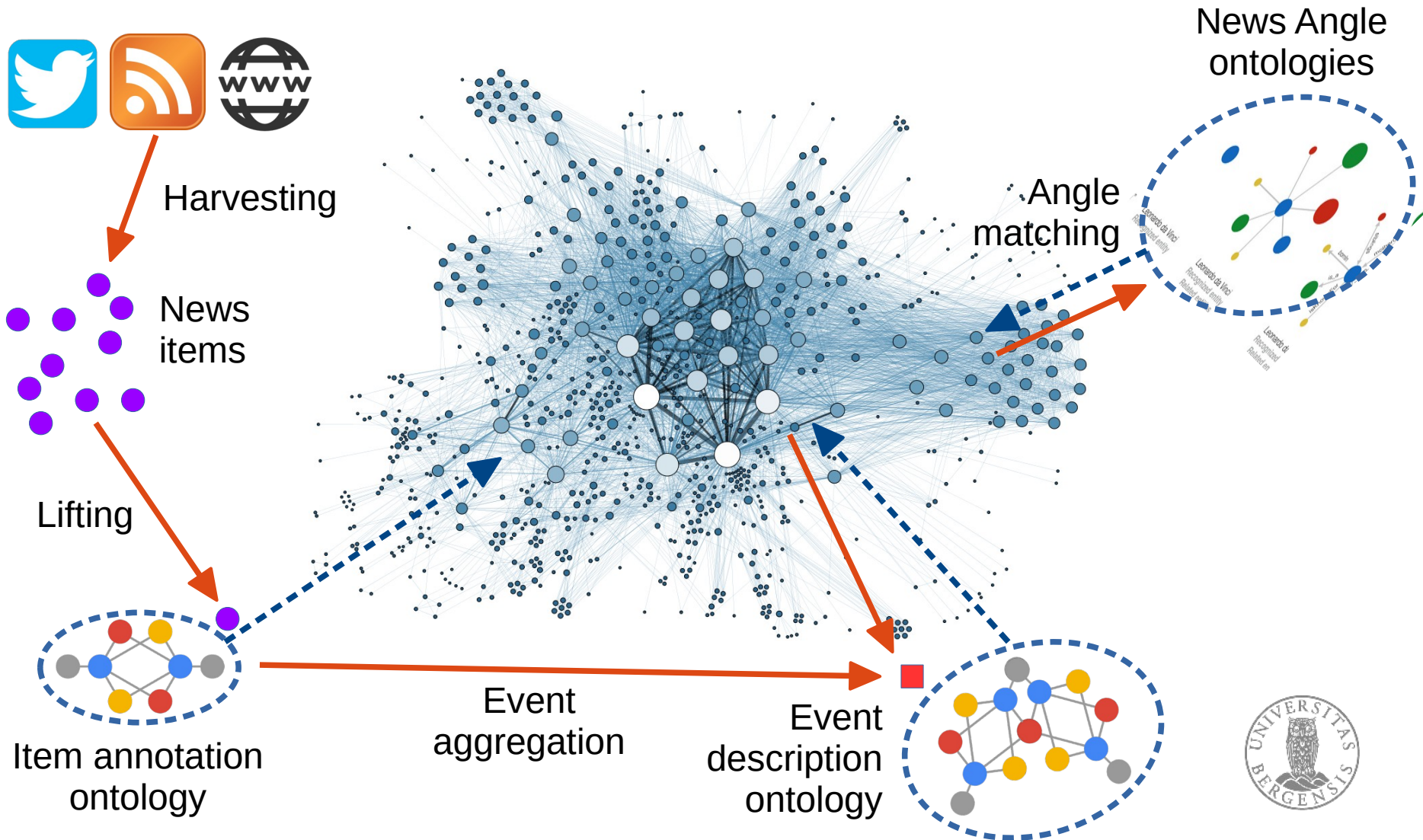
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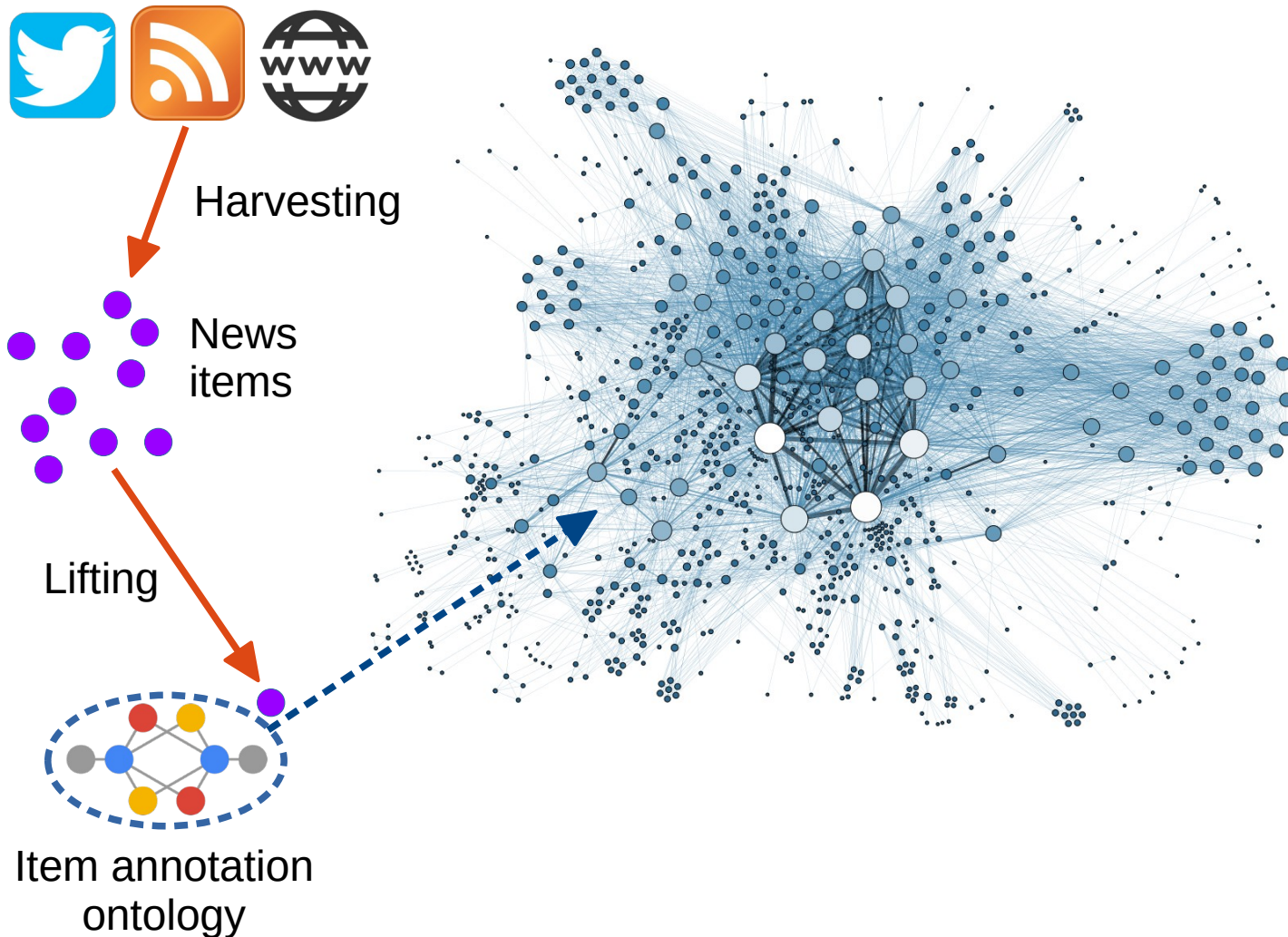


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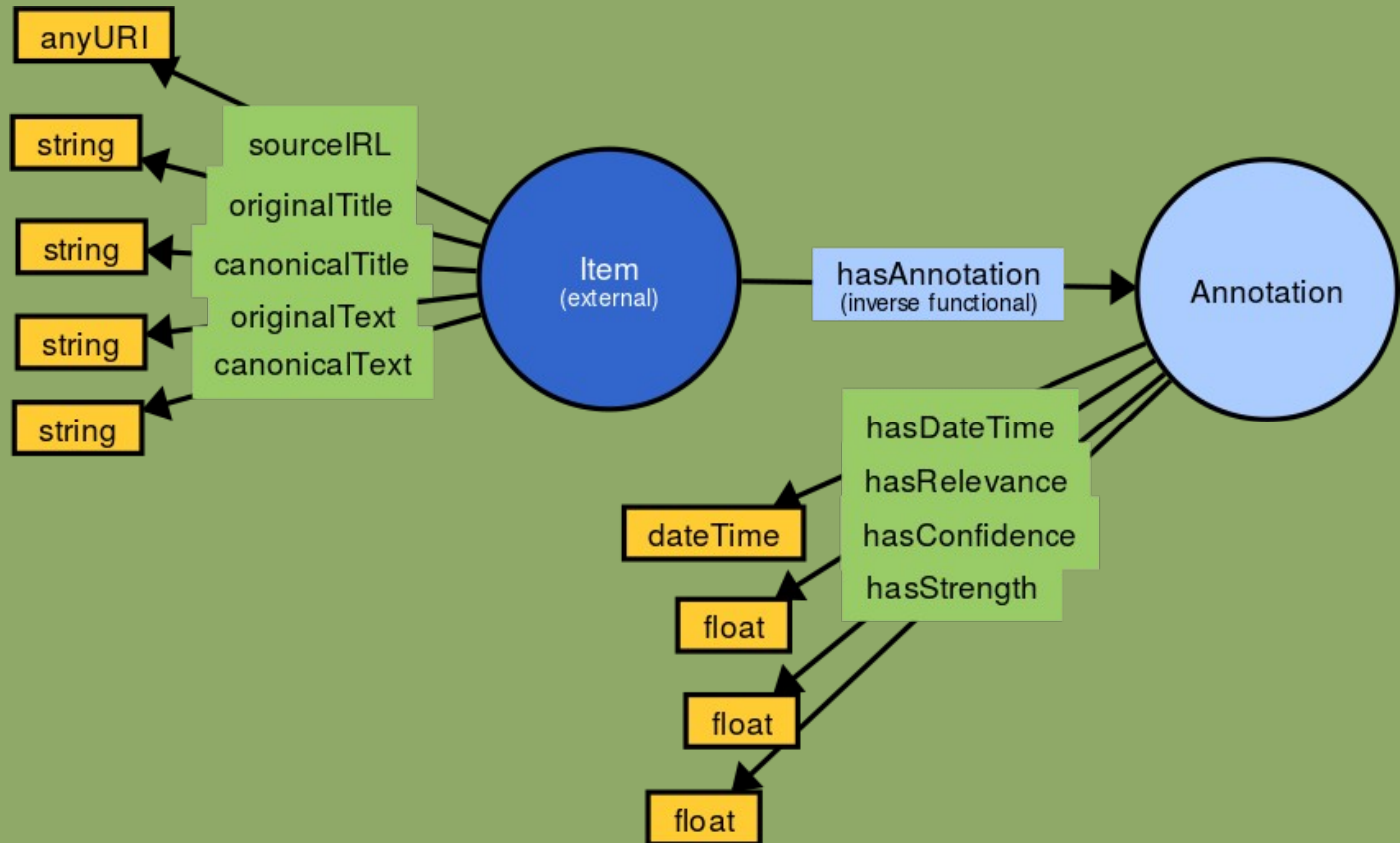




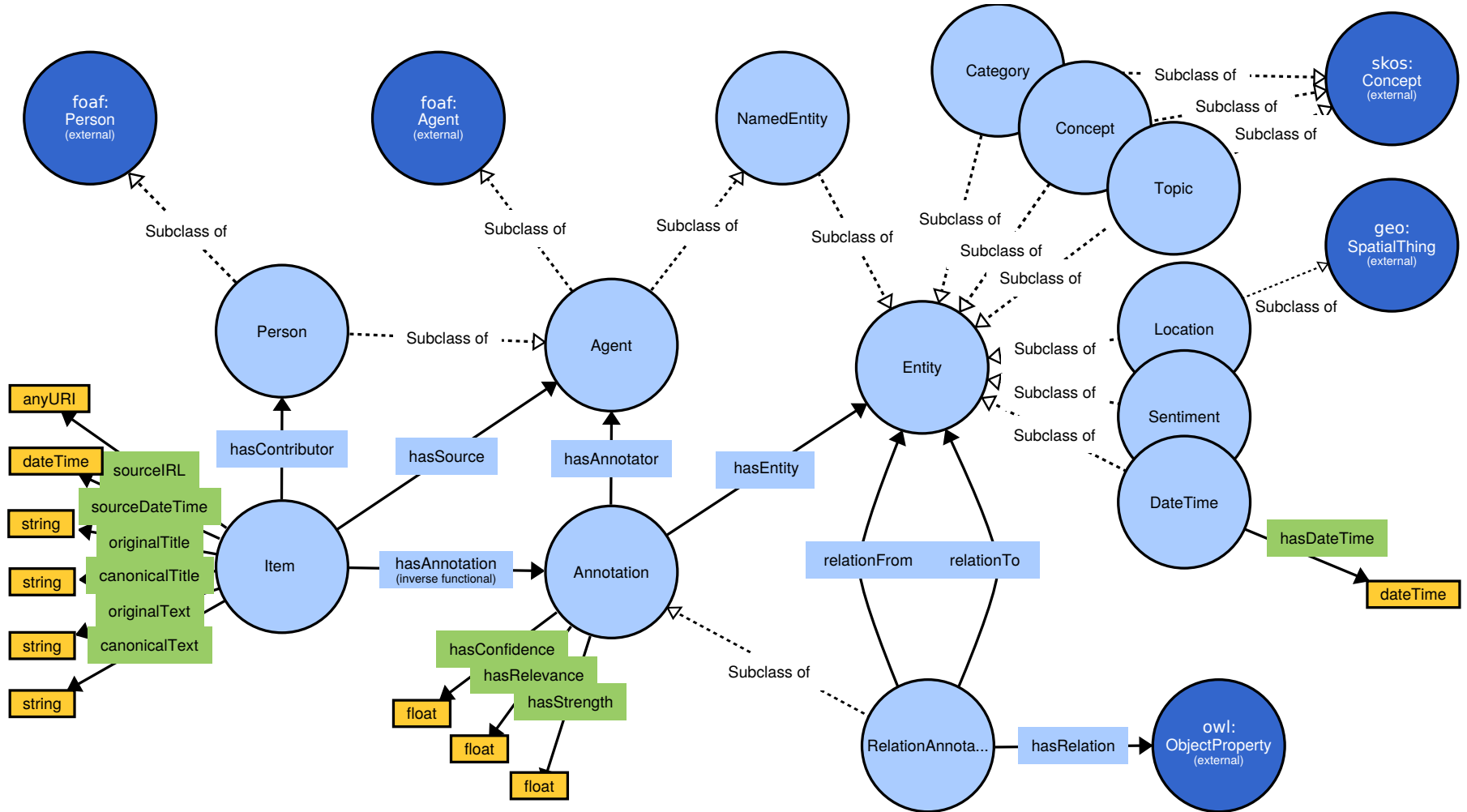
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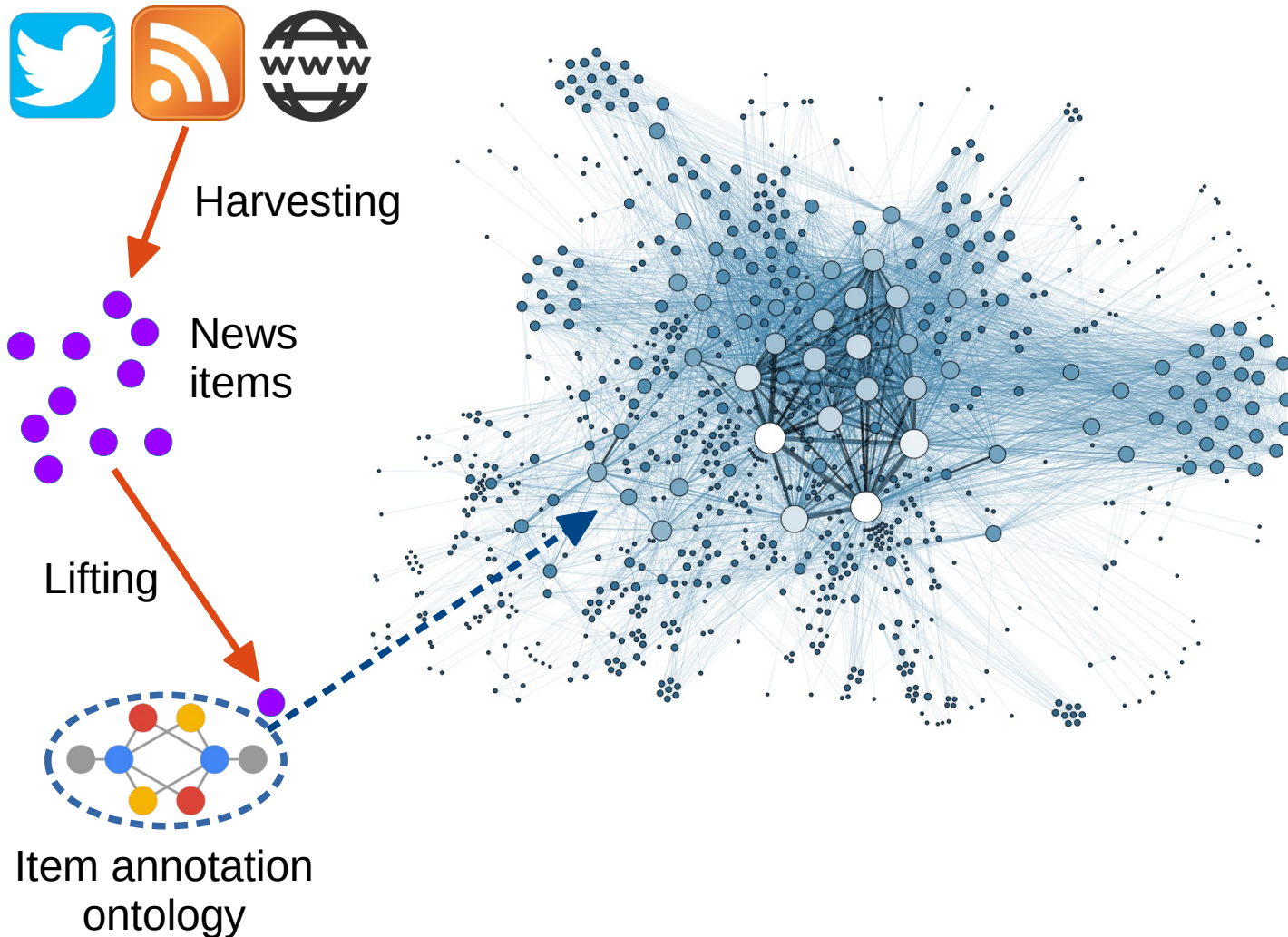
# Item annotations



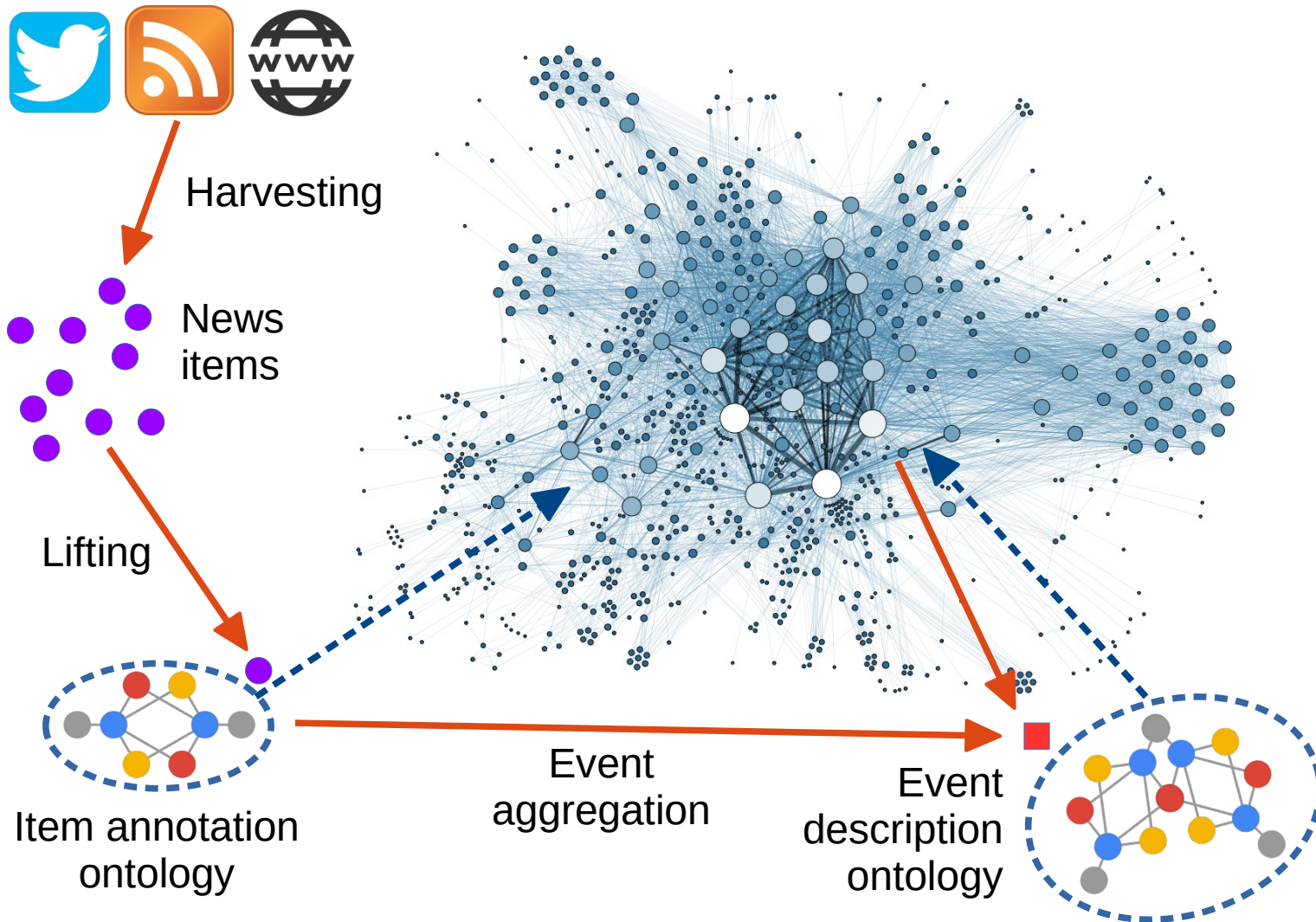
# Item annotations



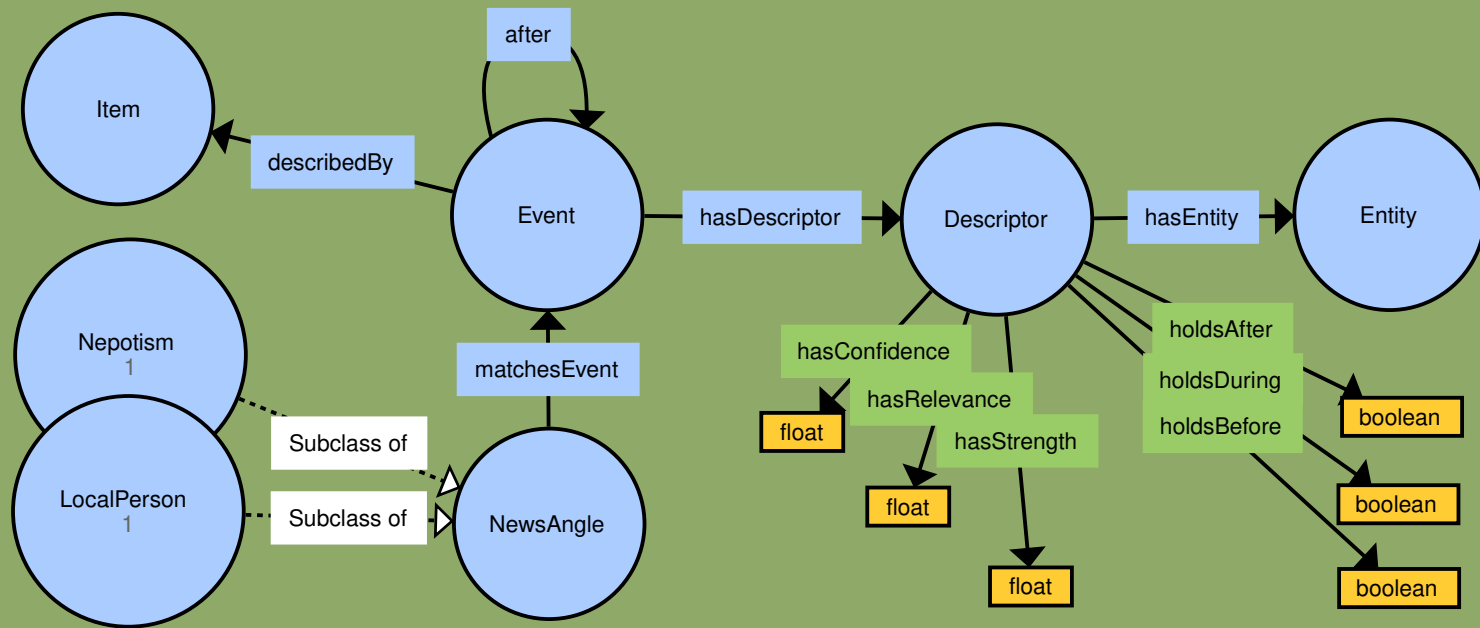
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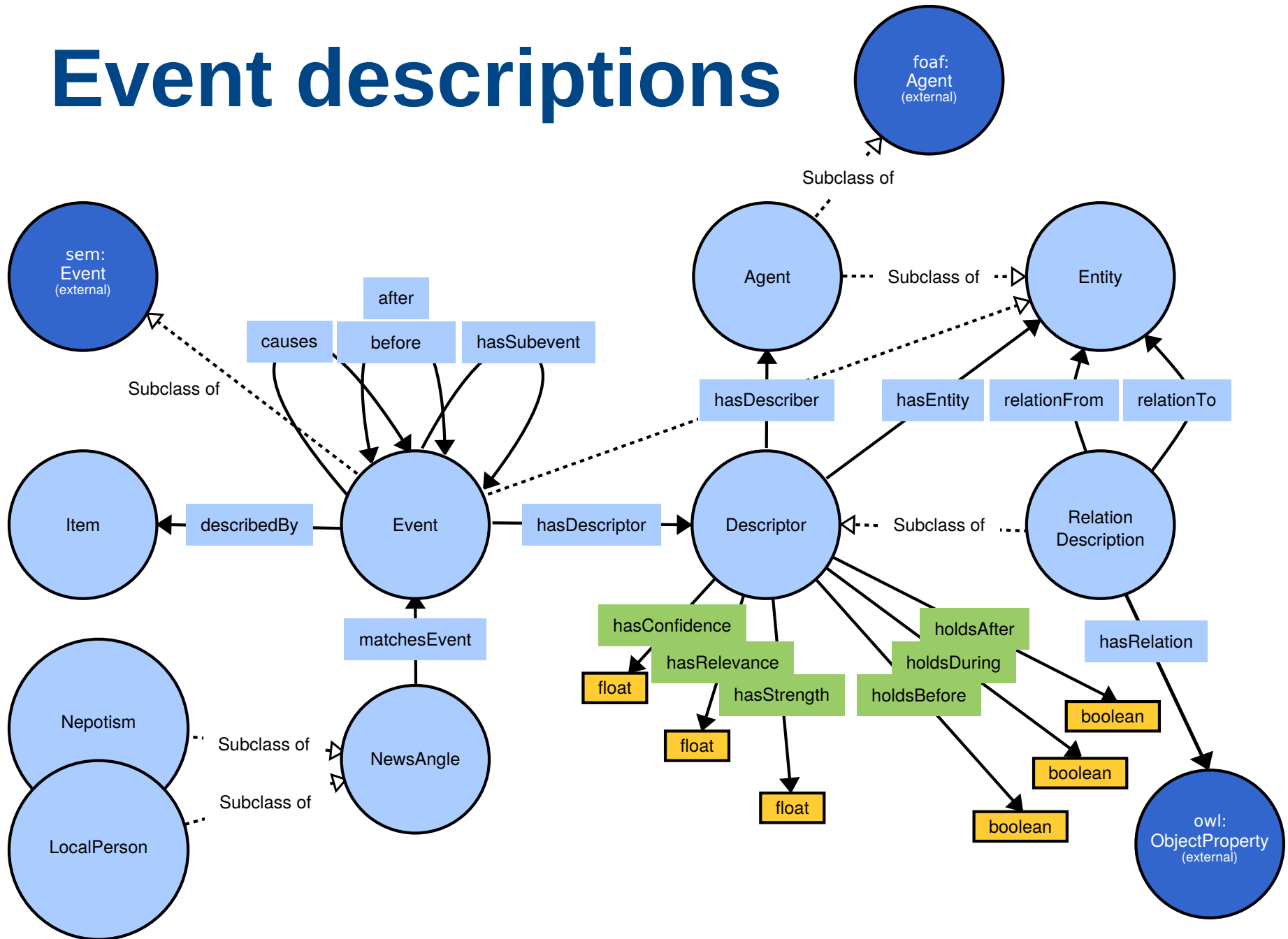
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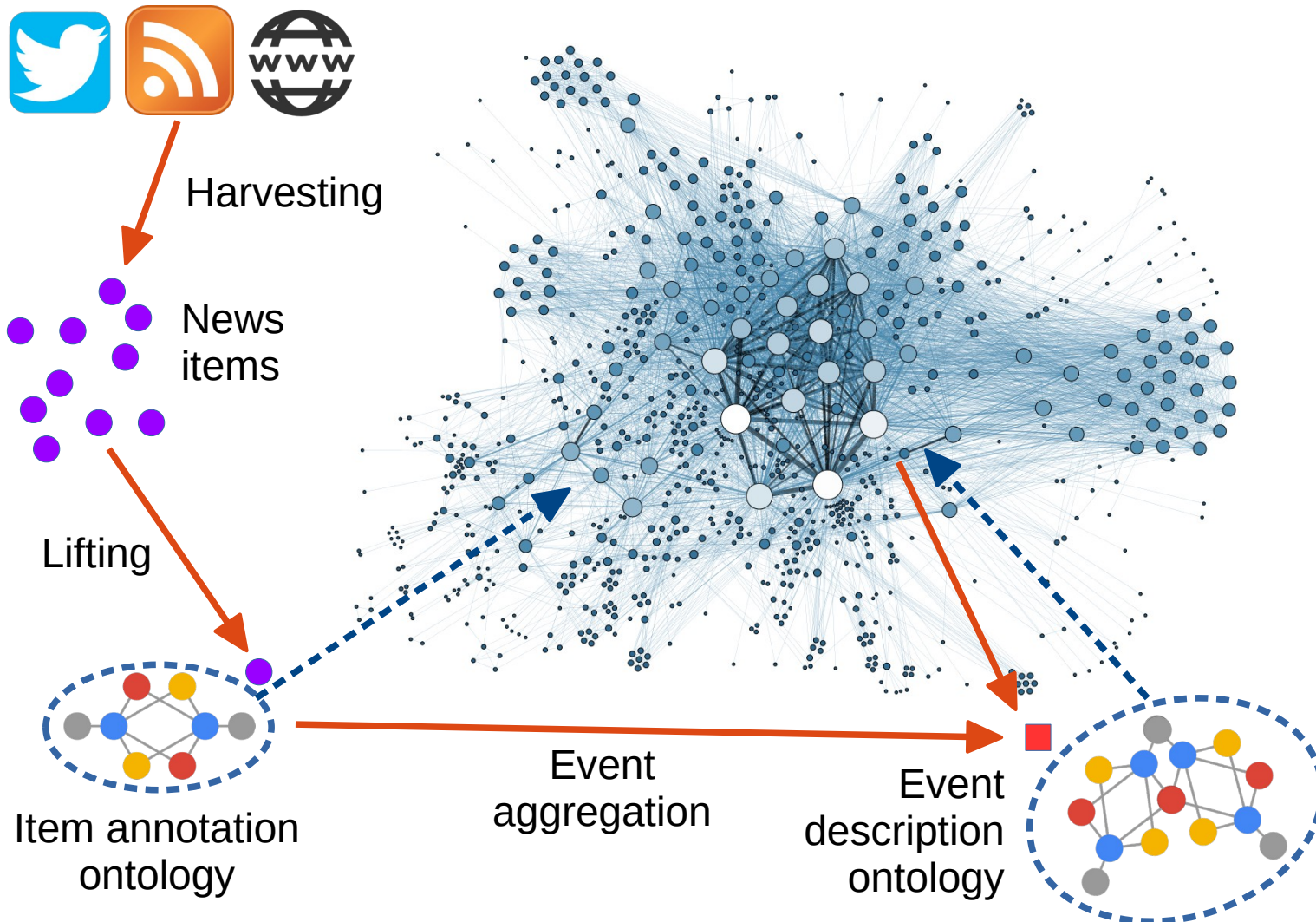
# Event descriptions



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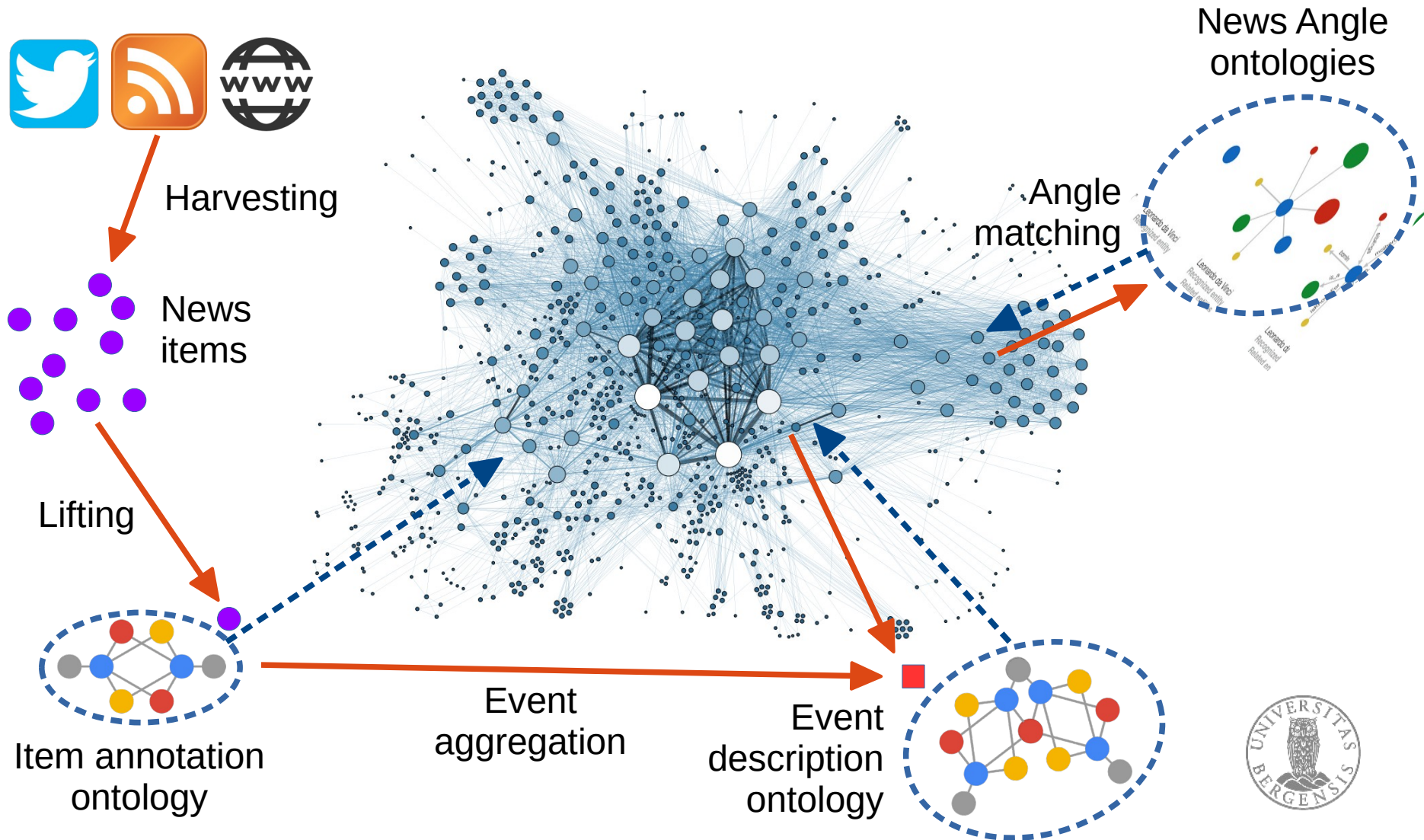


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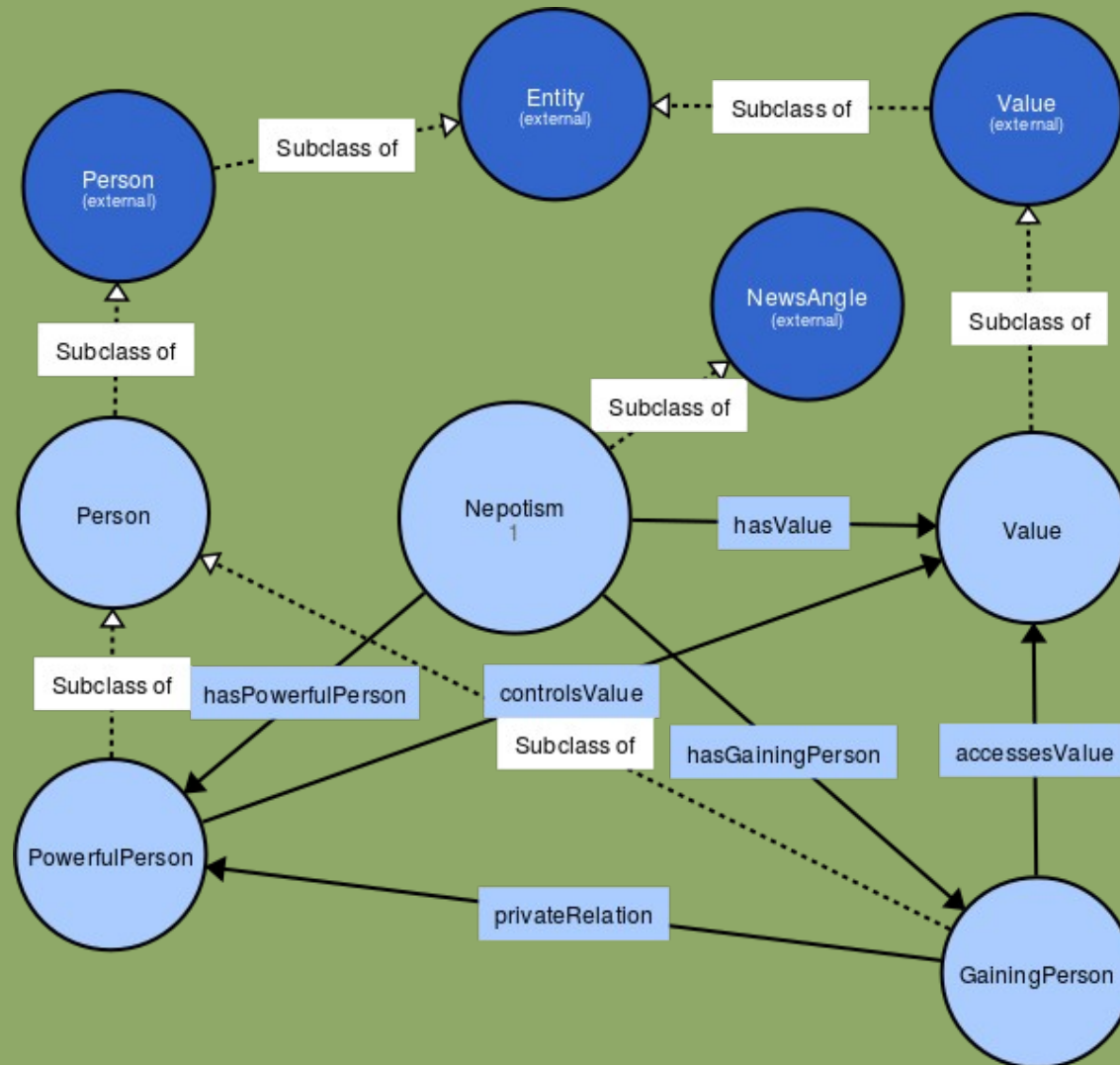




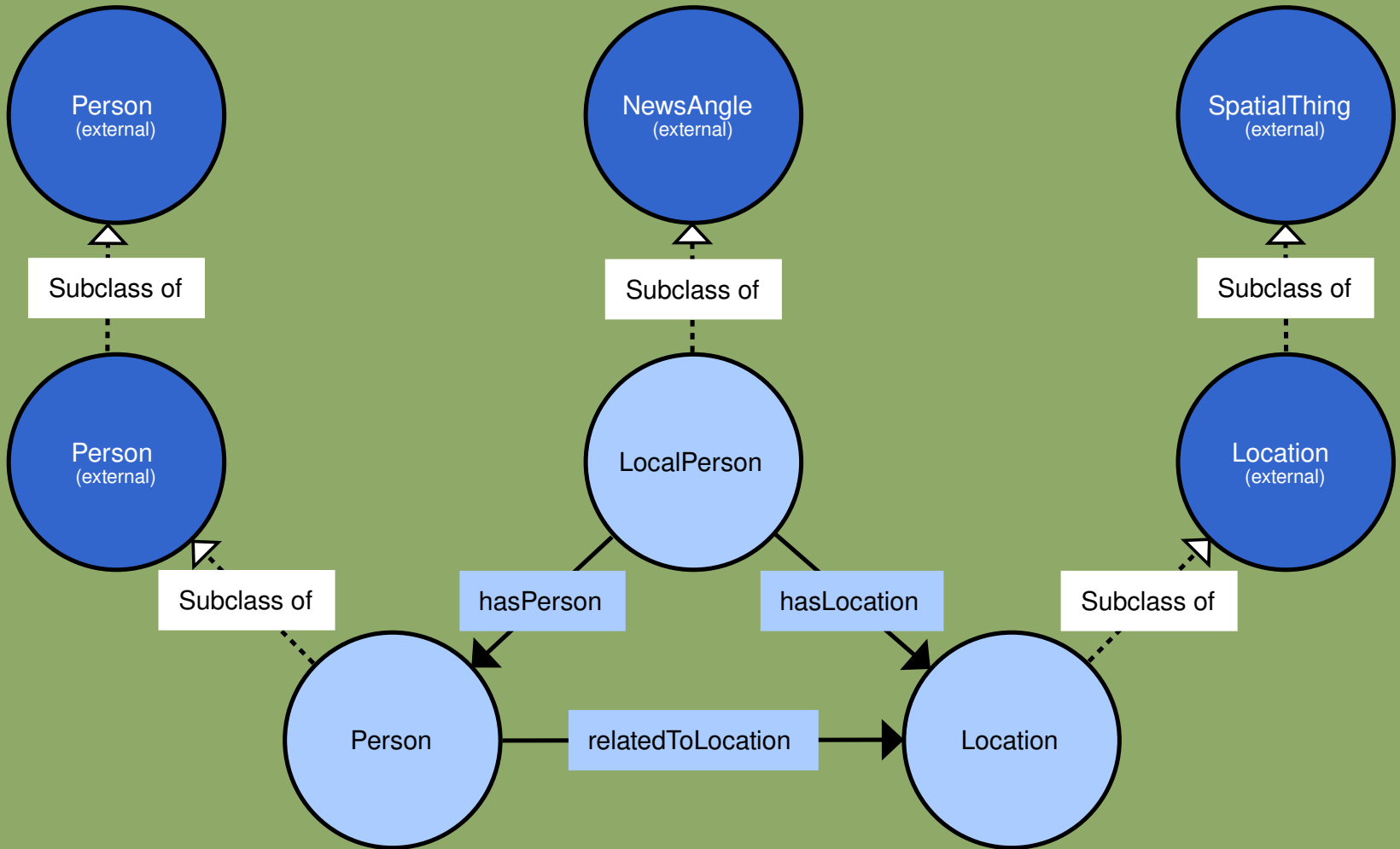
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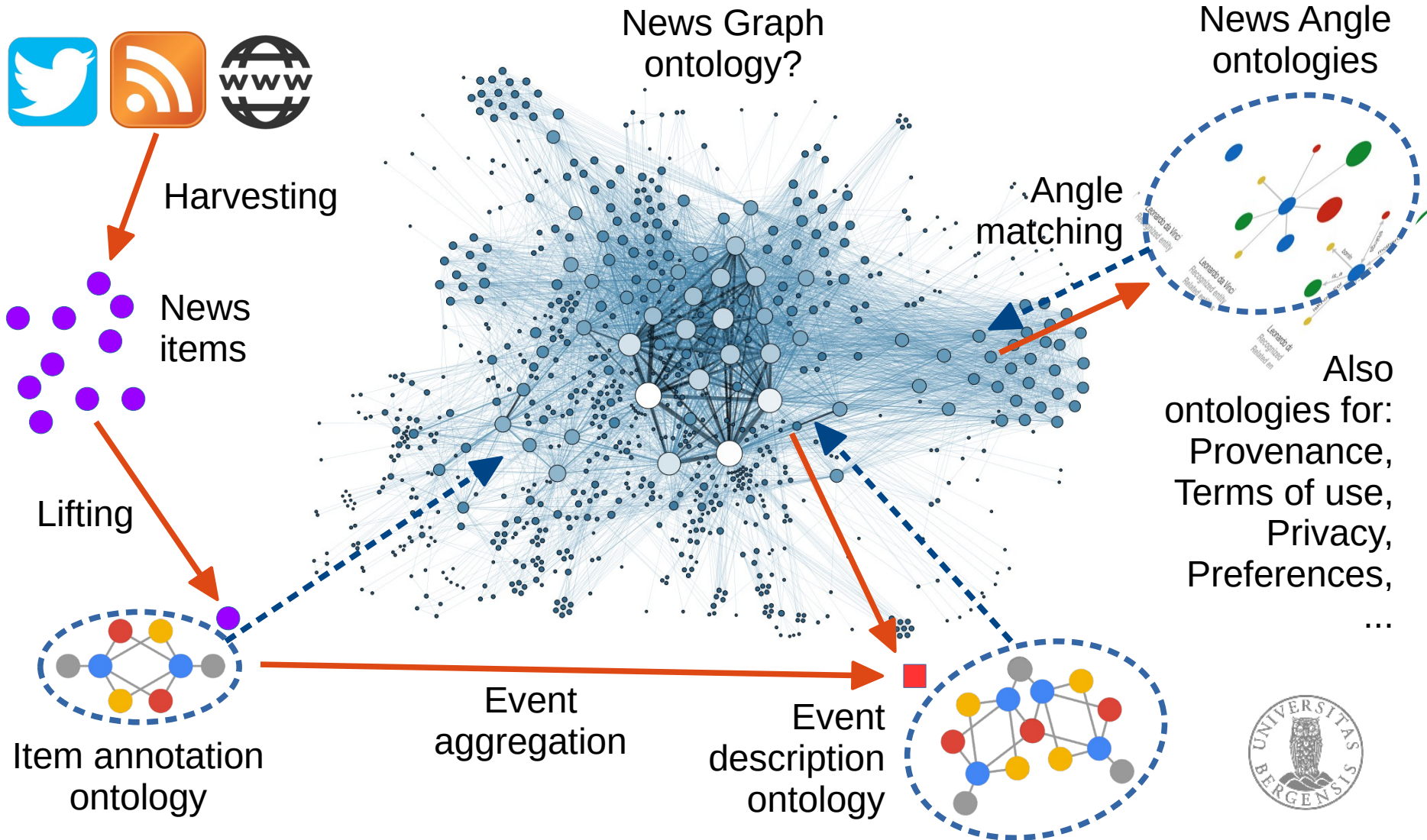
# News Angle: Nepotism



# News Angle: Local Person



# A single central news graph





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