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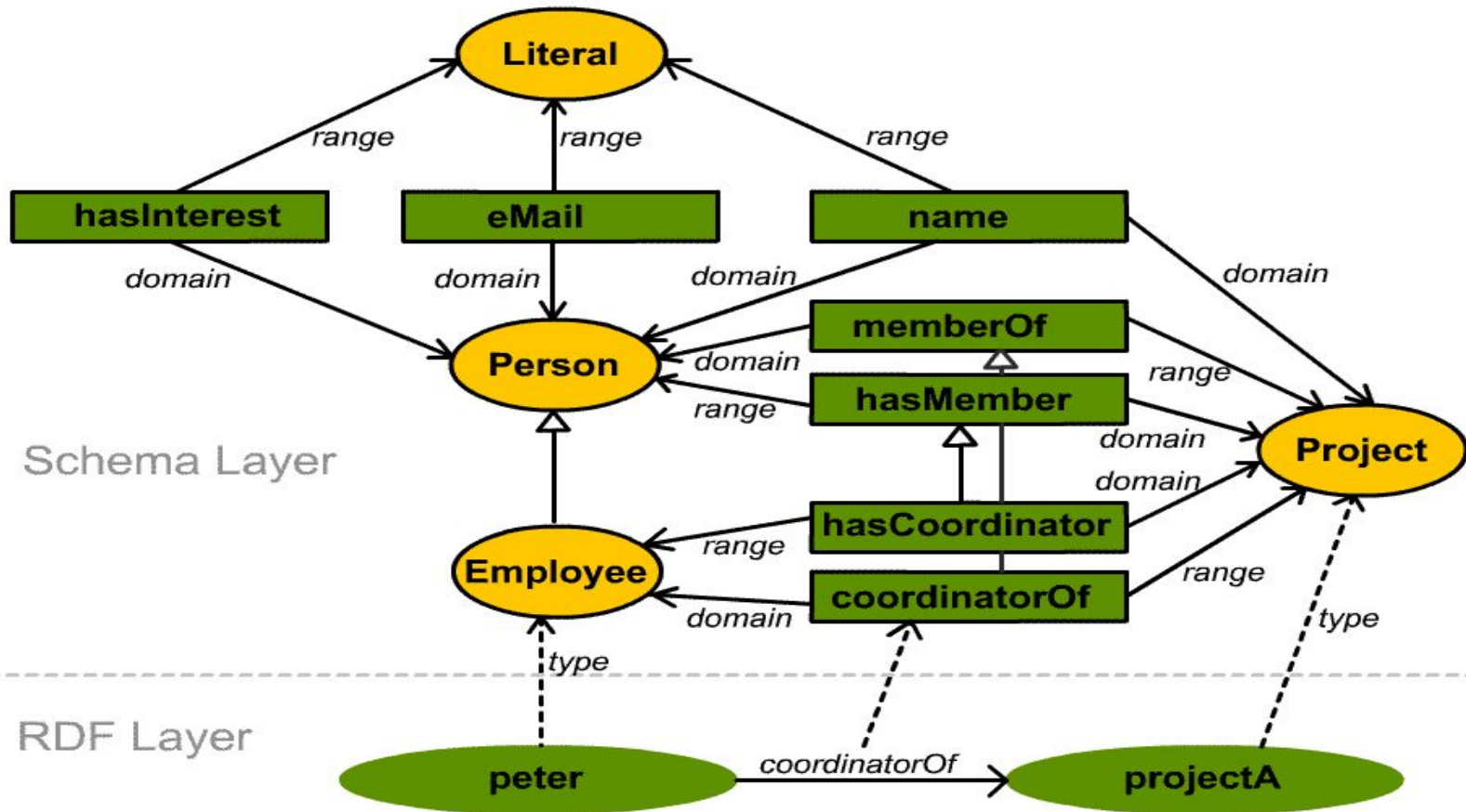
# User Awareness in Semantic Portals

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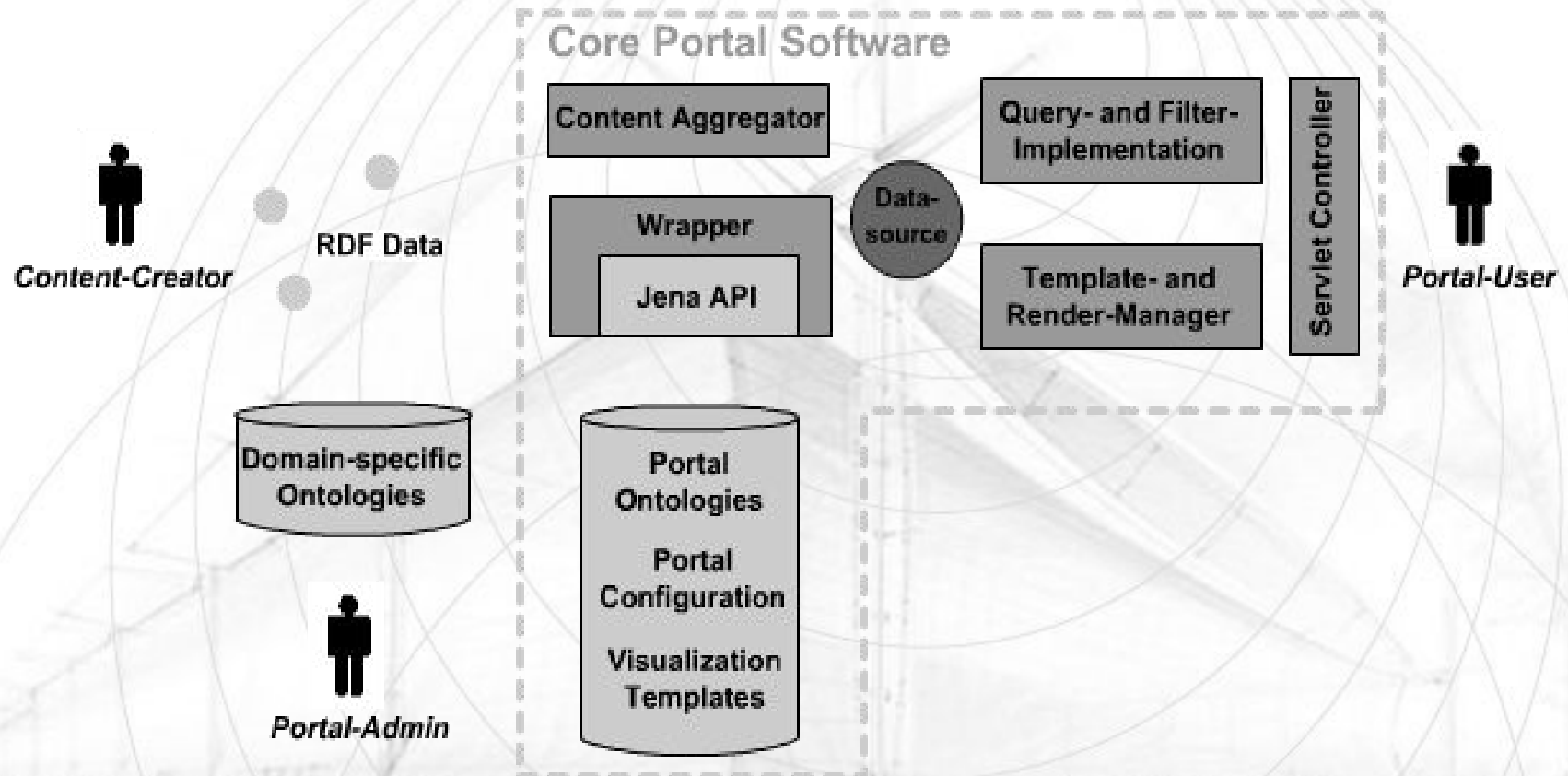
# Goal: Create a Semantic Portal for a research project



Part of the project ontology [which extends the SWRC ontology]



# The SWAD-E Portal Software





## Our extensions of the SWAD-E Portal Software

- **User management:**
  - user registration, possibly: matching of users to entities in one of the used ontologies
- **Personal Filters:**
  - when a user is logged in, he can use personal filters to navigate e.g. News, etc. [extension of the facets concept of the SWAD-E Software]
- **Awareness / Radar:**
  - visualize the distance between the users
    - **browsing distance:** how many clicks does it take a user to navigate to the same page?
    - **professional distance:** how near is a user with respect to the project ontology?



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## Short Demo

<http://www.traveller-community.de/myportal/movies/movies.html>

## Conclusions

- employing ontologies for creating the information portal paid off right from the beginning:
  - re-use for managing content
  - re-use for creating personalization functionality
  - nice awareness functionality based on this data
  - different situations:
    - if we can match a user to the ontologies used we can show professional distance [e.g. for users of the research project]
    - if we cannot match a user, we can show at least the browsing distance