







## User Profile Manager

- Manages user-related information
- Users can declare policies regarding content and presentation preferences
- Privacy: Access Control List
  - O public: emailAddress
  - Restricted (explicit): creditCardData
- Restricted (induced): *interests* (induced from user behaviour)
- Profile data induction: Semantic Profile Assistant



## **Operator Profile Manager**

- Manages network context information
- Changes are frequent and unpredictable
- Content providers should specify triggers for notification





- Manages proprietary profile data, possibly obtained through CRM
- Merges profile data obtained by different sources
  Conflicts may arise when different entities provide different values for the same attribute
  - Content providers can declare priorities over data sources at attribute level
- Performs session management









## Work in Progress and Open Issues

- CC/PP and RDF
- Querying CC/PP profiles: XPATH vs RDQL
- Policy formalization
- Policy conflicts resolution







