

Building Trustworthy Semantic Webs

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**Semantic web technologies for secure interoperability
and digital libraries**

March 2010

Outline

- **Secure Digital libraries and semantic web**
- **Secure heterogeneous/federated data management and semantic web**
- **Secure web portals**

Secure Web data/information management

- **Secure data models**
 - Secure XML, RDF, - - - -
 - Relational, object-oriented, text, images, video, etc.
- **Secure data management functions**
 - Secure query, transactions, storage, metadata
- **Key components for secure digital libraries and information retrieval/browsing**