

5 RDF: Resource Description Framework

Slides in this section are based on the A Semantic Web Primer, Grigoris Antoniou and Frank van Harmelen and "RDF Primer, 10 February 2004, <http://www.w3.org/TR/rdf-primer/>.

5.1 Purpose

- *Model* for representing *information* about *resources* in the WWW, in particular: metadata about Web resources (e.g., title, author, version, publication date, ...)
- *Model* for representing *information* about *things* that can be *identified* in the WWW, in particular: metadata about items (e.g., prices, specifications, availability information, etc.)

Goal: Allow applications to access and process this specified information

- **Identifying** things using Web Identifiers (Uniform Resource Identifications, **URIs**)
- **Describing** things using **properties** and **property values**