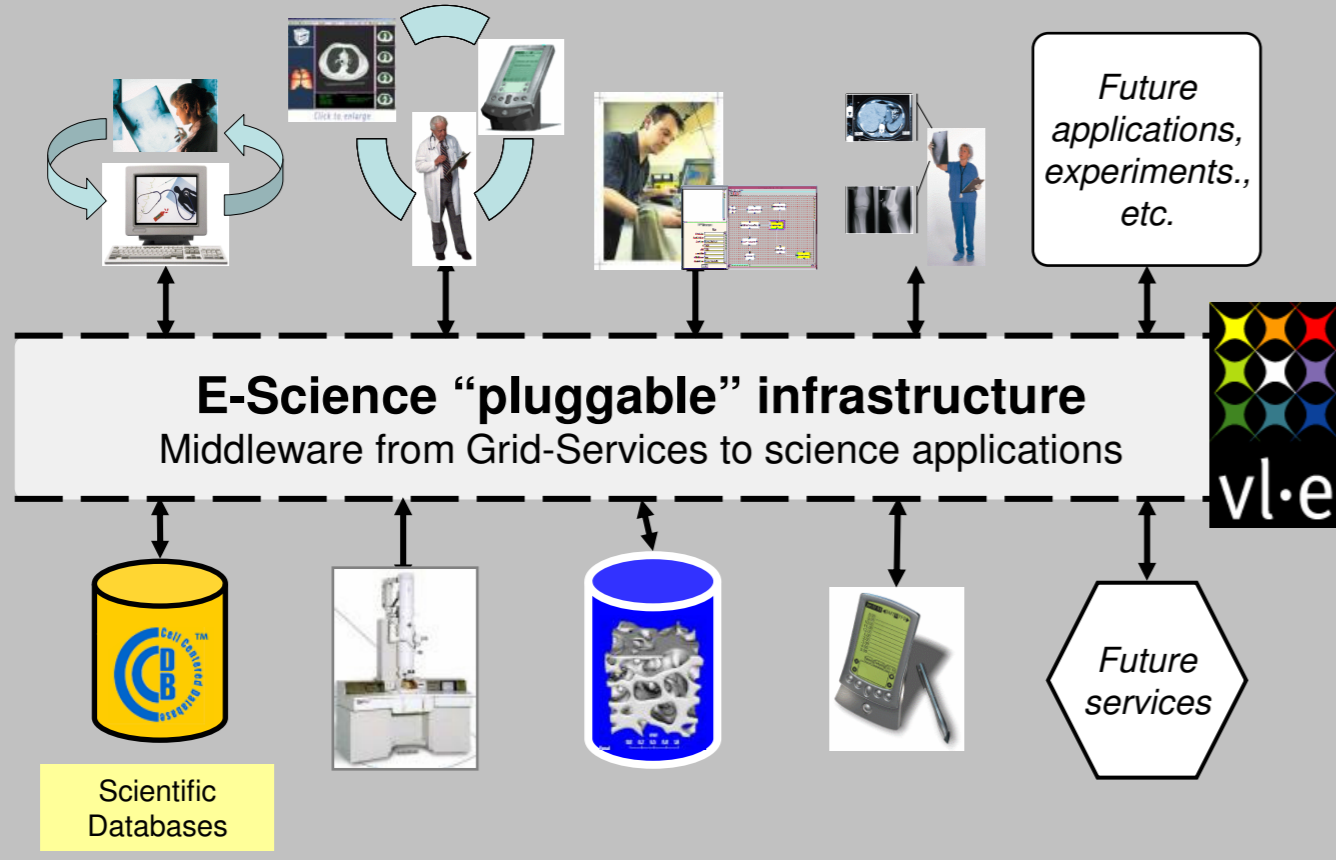


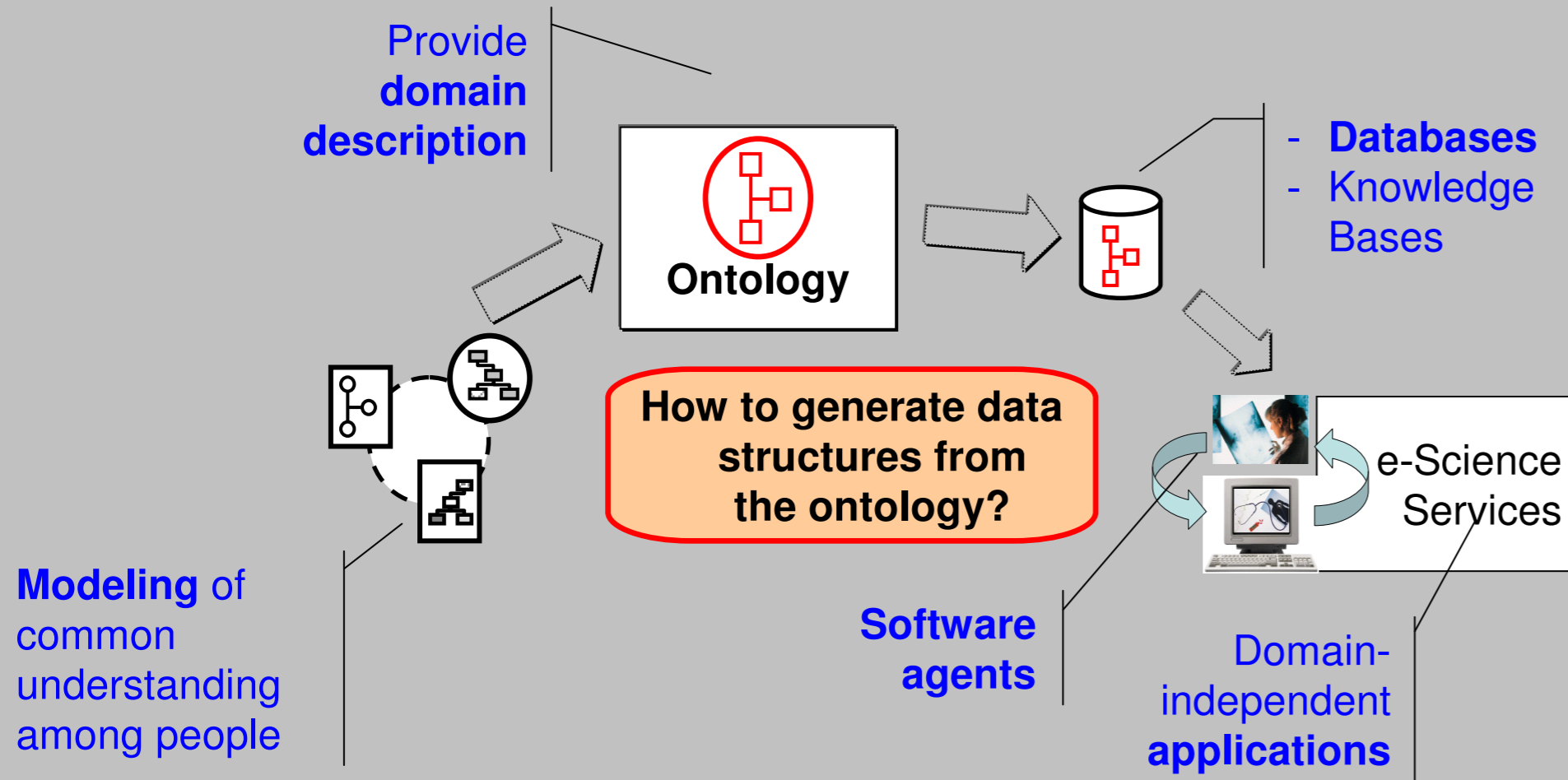
VL-e framework



What is an Ontology?

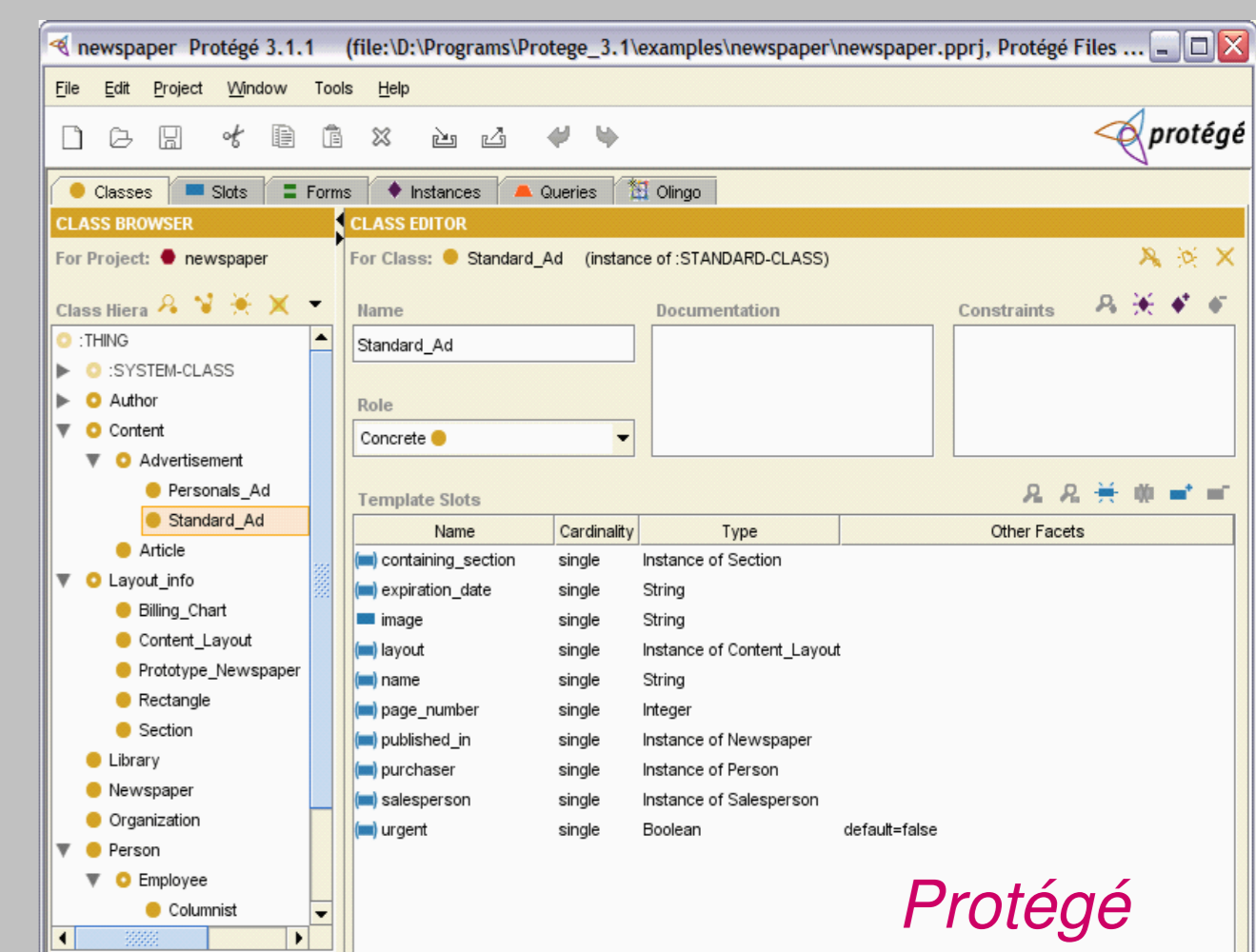
- An ontology is an **explicit description** of a domain:
 - concepts
 - properties and attributes of concepts
 - constraints on properties and attributes
 - Individuals (*often, but not always*)
- An ontology defines
 - a common **vocabulary**
 - a controlled **taxonomy**
 - a **shared understanding**

Olingo Web Tool

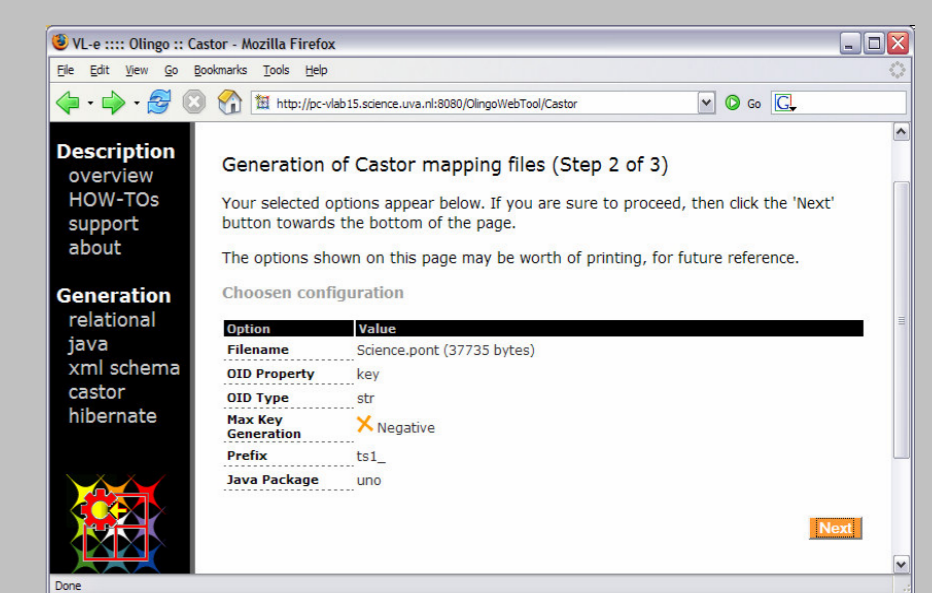
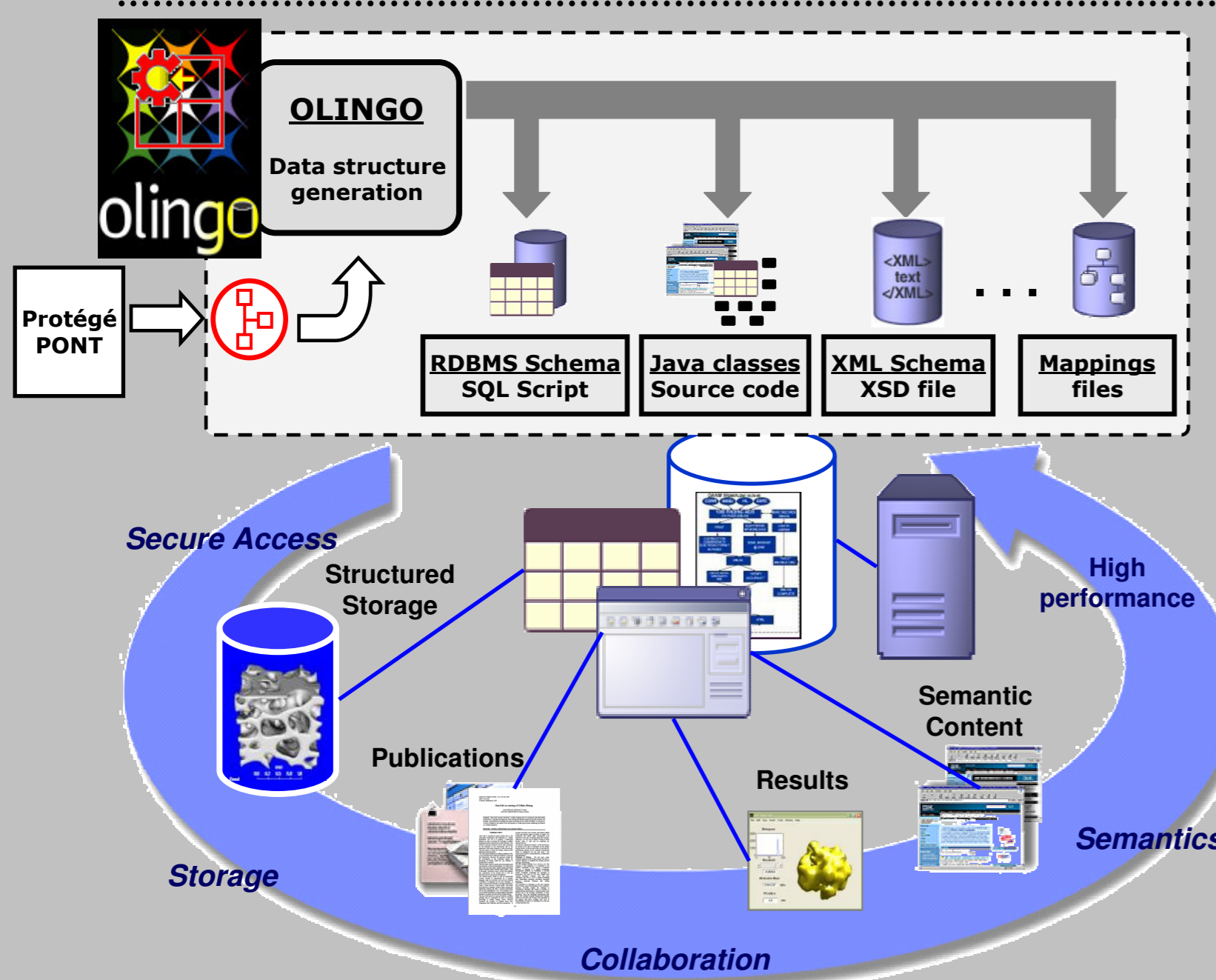


Ontology Editor

- Interactive tools for knowledge-system development
- Construction of knowledge bases in a principled fashion from reusable components



Olingo Web Site

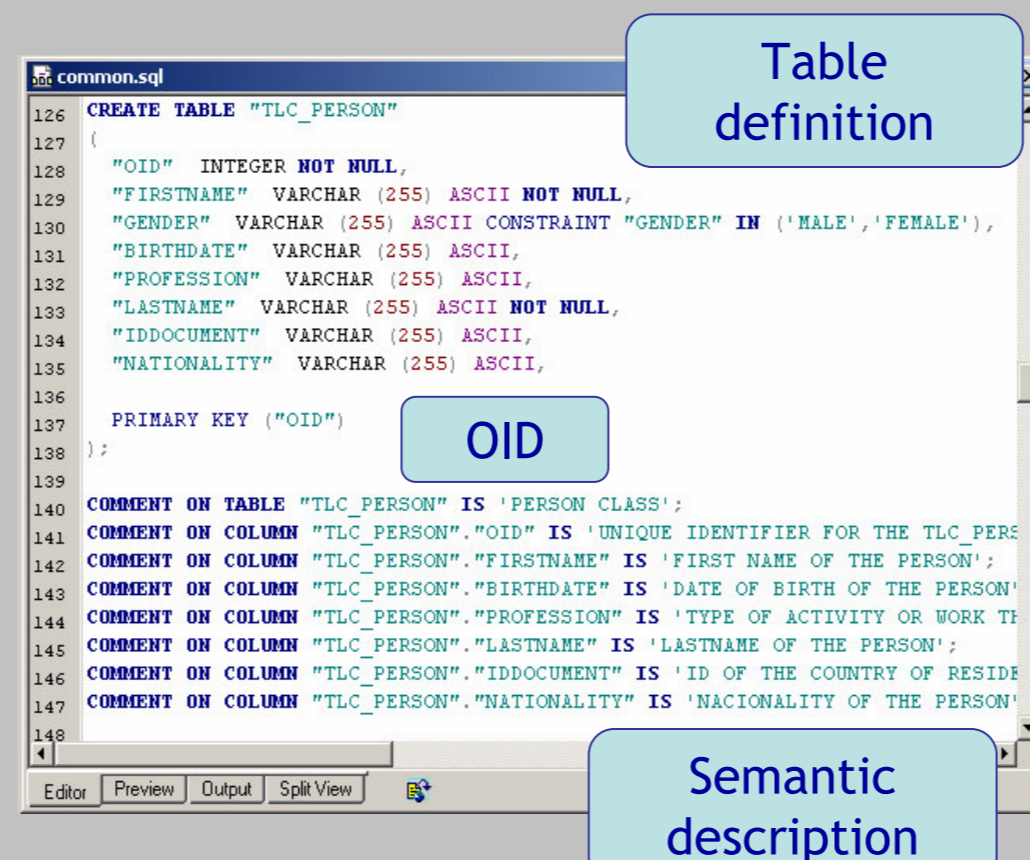
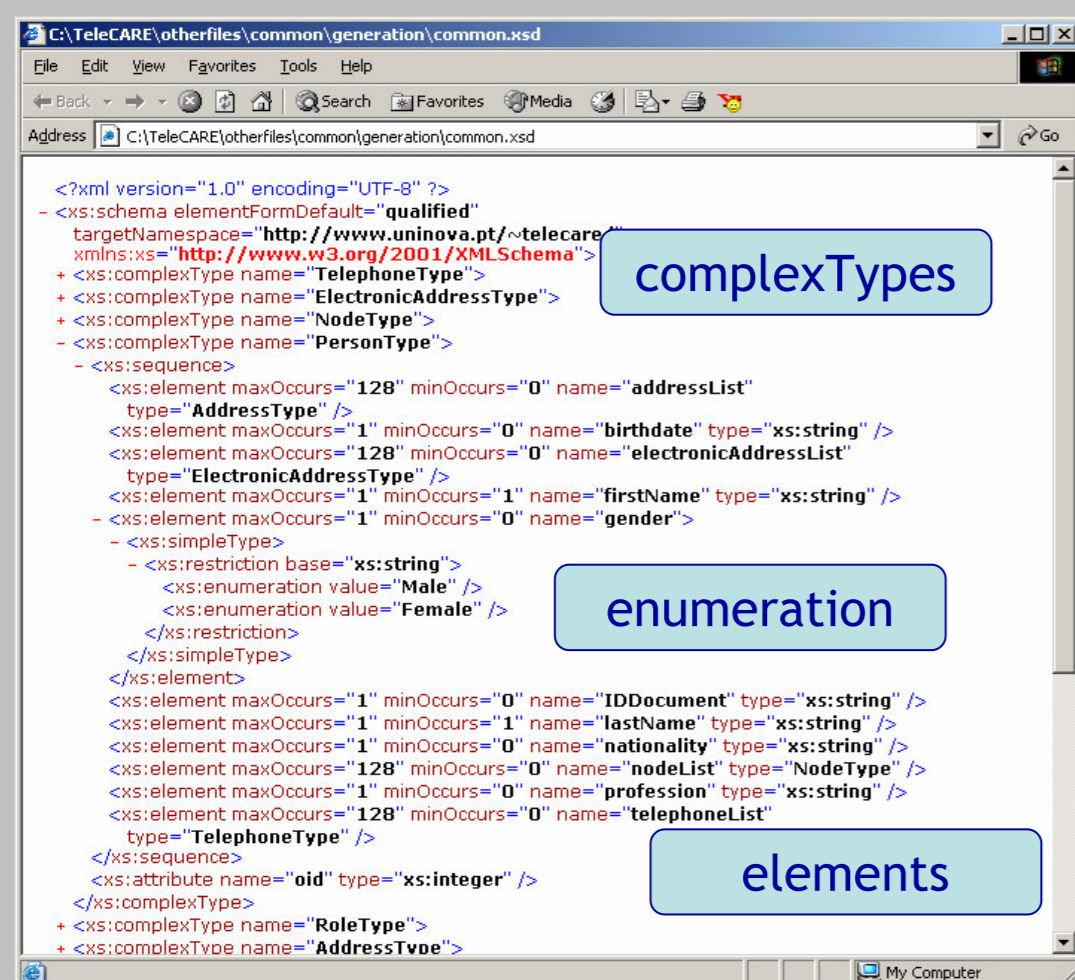


Data Structure Generation

XML Schema

Relational Database

Summary



- An ontology in the area is useful, powerful, and makes many difficult tasks easy
- Ontologies offer real value for interoperation
- Olingo Web Tool helps you integrate ontology concepts into Java/DB applications with minimal effort

