



## **Introduction to the NeOn toolkit**

**<http://www.neon-toolkit.org/>**

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- Current project: NeOn
- Research Interests: Semantic Web and Access Control on semantic resources

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- Current project: X-Media
- Research Interests: Semantic Web and Data destination

- The exercise sessions are there to help you 😊
  - You have to correct at least two exercises on the black board
  - You have to send the 9 assignments on time (before the correction)

# The Project

## ■ EU IST Integrated Project

- Start date: March 2006
- Duration: 4 year project
- Funding: €10M (FP6)
- <http://www.neon-project.org/>

## ■ Key outcomes from NeOn

- Open, scalable and service-centered **reference architecture** for supporting the lifecycle of semantic applications
- The **NeOn Toolkit** – a resource for engineering contextualized networked ontologies and semantic applications
- Industry-strength documentation and reference material
- Three case studies in two sectors:
  - [pharmaceuticals and agriculture/fisheries](#)

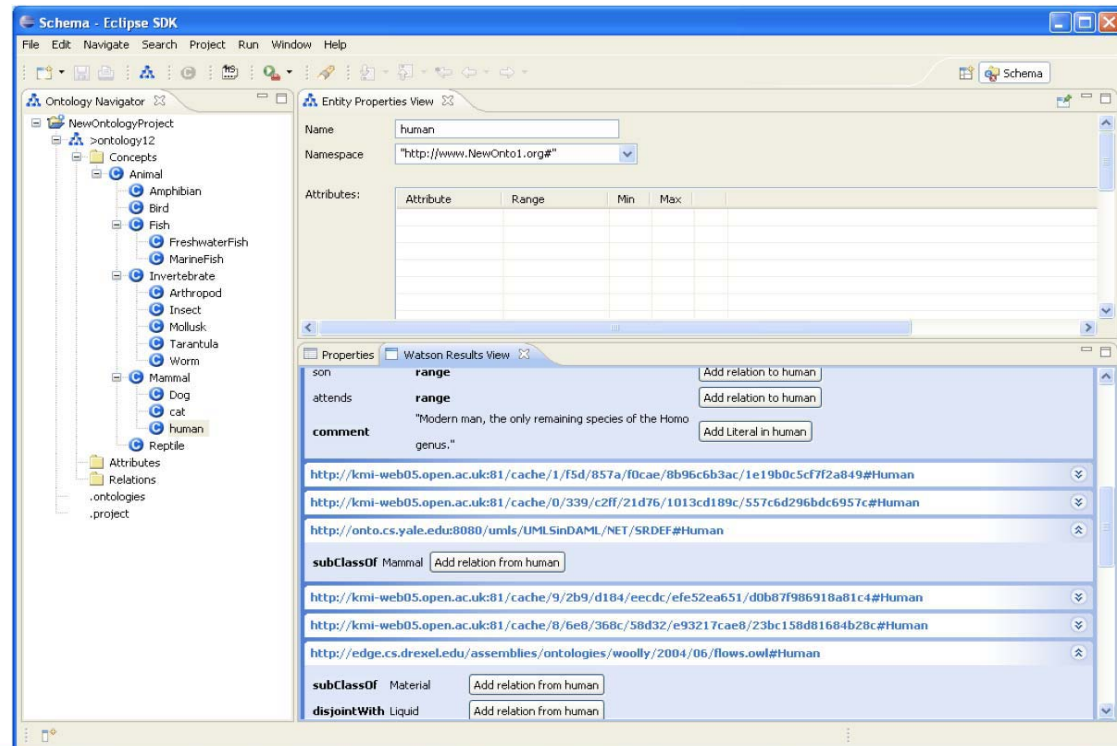


# What Is the NeOn Toolkit

- Reference implementation of the NeOn architecture
  - Support ontology engineering and management
  - Support for complete ontology lifecycle
  - Support for different languages (OWL, F-Logic)
  - Support for networked ontologies (modules, mappings)

- Built on the Eclipse platform

- Extensible architecture
  - Via Eclipse plugin mechanism
  - Via Web Services



# NeOn Toolkit Availability

- Basic configuration

- Completely free
- Open source

- Extended configuration

- Commercial version
- Free for academic use

- Community support

- For users and developers
- Tutorials, mailing lists

- NeOn Toolkit Portal: <http://www.neon-toolkit.org/>

- Download of the toolkit, plugins, online resources, wiki, ...

