



Prof. Harold Boley

National Research Council, Canada



Sematic Web Techniques

VO, 2 Semesterwochenstunden

Abstract:

The Semantic Web is a W3C Activity for representing information in the World Wide Web in a machine-readable fashion: such that it can be used by machines not just for display purposes, but for automation, integration, and reuse across applications. This course introduces techniques that are useful stand-alone and can be integrated for building a semantic web. It will cover XML with Document Type Definitions and Schemas; transformation/inference rules in XSLT, RuleML, and the W3C rule language RIF; metadata with RDF (Resource Description Framework); metadata taxonomies with RDF Schema; description logic and the W3C ontology language OWL; as well as integrating these techniques for high-precision search engines.

Time: First Lecture: 20.10.2008, 13:15

The succeeding lectures will be held between 27.10. and 3.12.08 always on
Monday and Wednesday, 13:15 – 14:45

Place: Gußhausstraße 27-29, CD 0404

Contact: velik@ict.tuwien.ac.at

www.ict.tuwien.ac.at/lva/Boley_SWT/index.html



VIENNA
UNIVERSITY OF
TECHNOLOGY

INSTITUTE OF
COMPUTER
TECHNOLOGY

o. Univ. Prof. Dr. Dietmar Dietrich