From Metadata to Linked Data

Overview

Prof. Owen Conlan, Introduction to Metadata to Linked Data
A vision for Linked Data

• “a method of publishing structured data, so that it can be interlinked and become more useful”
Module Overview

• From Metadata to Linked Data (CS7063)
• XML etc.
  – Fundamentals of XML
  – Transforming XML Documents (2015)
• Intermission
  – Introduction to Information Retrieval
  – Introduction to AI and Machine Learning
  – ADAPT Technologies Overview

• Ontology
  – Introduction to Ontology (2015)
  – Introduction to OWL (2015)
  – SKOS and Linked Data (2015) / Web Search
  – Semantic Web (2015)
  – Linked Data and the Semantic Web (2016)
Be prepared to get your hands dirty...
Questions?

• Contact: Owen.Conlan@scss.tcd.ie
Module Assessment

• Overview
  – 25% for Assignment
    • Building your own Ontology
  – 75% for Essay