

The Semantic Web and the Semantics of the Web: Where Does Meaning Come From?

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Abstract

We would like to understand the meaning of content on the web. But where should that meaning come from? From markup language annotations created by the authors of the content? Crowdsourced from readers of the content? Automatically extracted by machine learning algorithms? This talk investigates the possibilities.

CCS Concepts

• Graph-based database models: Semi-structured data; Information integration; Collaborative and social computing systems and tools; Data mining; World Wide Web: Web mining; Data extraction and integration; Web data description languages; Artificial Intelligence: Natural language processing; Knowledge representation and reasoning; Machine Learning

Keywords

Semantic web; knowledge extraction; question answering



Short Bio: Peter Norvig is a Director of Research at Google Inc; previously he directed Google's core search algorithms group. He is co-author of *Artificial Intelligence: A Modern Approach*, the leading textbook in the field, and co-teacher of an Artificial Intelligence class that signed up 160,000 students, helping to kick off the current round of massive open online classes. He is a fellow of the AAAI, ACM, California Academy of Science and American Academy of Arts & Sciences.