
Oxford Semantic Technologies

Improving Search and Recommendation with Knowledge Graphs and Rules-Based AI (Live Demo) Explainable AI: Using EXPLAIN to visualise semantic reasoning Ask Ian: How did RDFox begin? The RDFox Getting Started Guide, E1: How to start and use the RDFox Web Console [□](#) Samsung Boosts Galaxy AI with Oxford Semantic Technologies Acquisition! [□](#) Ask Ian: What are your motivations for RDFox? Who is the Greatest F1 Driver of All Time? Semantic reasoning and technical analysis has the answer Prof. Geoffrey Hinton - "Will digital intelligence replace biological intelligence?" Romanes Lecture Founder CEO shares all the books that helped build a \$100M enterprise | Daniel Ramsey 4 Books that will make you a smarter person in 2025 KGC 2023 Masterclass: Build a Semantic Layer in a Knowledge Graph — Stardog Harvard CS50's Artificial Intelligence with Python - Full University Course Webinar: "Introduction to Semantic Technologies with OWL Reasoning" The Linguistics Iceberg Explained MACC 2019: What is Semantic Technology [\u0026](#) Why it Owns the Future Harvard negotiator explains how

to argue | Dan Shapiro 4 Must Read Books for
Junior Developers in 2025 Configuration
Management, with RDFox - Webinar Reasoning
for the Answer: Who is the Greatest Formula 1
Driver of all Time? | Peter Crocker Olympics
Linked Data Platform - Wallscope and Oxford
Semantic Technologies Joint Solution Knowledge
Graphs and Semantic Reasoning: A Recipe for
Success - Peter Crocker DL 2020 - Industry panel
- Yavor Nenov (Oxford Semantic Technologies)
Knowledge Graph Insights From an Engineer |
Valerio Cocchi | #TwSEOs 100 The RDFox Getting
Started Guide, E2: How to Use SPARQL Queries
and Updates in the RDFox Web Console RDFox
v7.2: Upgraded Query Editor and Data
Visualisation Powering Personalized Search with
Knowledge Graphs PoolParty 2022 Release:
PoolParty and RDFox Integration, Intelligent
Search Review of Semantic Modeling for Data w/
author Panos Alexopoulos
The Semantic Web
CAA2016: Oceans of Data
Advances in Informatics, Management and
Technology in Healthcare
Emerging Topics in Semantic Technologies
Data Science with Semantic Technologies
Reasoning Web - Semantic Technologies for
Advanced Query Answering
Handbook of Semantic Web Technologies
Distributed Computing and Internet Technology
Reasoning Web. Semantic Technologies for the
Web of Data

It's Not Just Semantics
Ontologies and Semantic Technologies for
Intelligence
The Semantic Web - ISWC 2014
Semantic Media
The Semantic Web
Agency and the Semantic Web

Oxford *OMB No.*
Semantic *6721892045534*
Technologies *edited by*

BEARD
HERMAN

**The
Semantic
Web** IGI
Global
Gone are the
days when
data was
interlinked
with related
data by
humans and
human
interpretation
was required.
Data is no
longer just
data. It is now
considered a
Thing or Entity
or Concept

with meaning,
so that a
machine not
only
understands
the concept
but also
extrapolates
the way
humans do.
Data Science
with Semantic
Technologies:
Deployment
and
Exploration,
the second
volume of a
two-volume
handbook set,
provides a
roadmap for
the
deployment of

semantic
technologies
in the field of
data science
and enables
the user to
create
intelligence
through these
technologies
by exploring
the
opportunities
and
eradicating
the challenges
in the current
and future
time frame. In
addition, this
book offers
the answer to
various
questions like:

What makes a technology semantic as opposed to other approaches to data science? What is knowledge data science? How does knowledge data science relate to other fields? This book explores the optimal use of these technologies to provide the highest benefit to the user under one comprehensive source and title. As there is no dedicated book available in the market on this topic

at this time, this book becomes a unique resource for scholars, researchers, data scientists, professionals, and practitioners. This volume can serve as an important guide toward applications of data science with semantic technologies for the upcoming generation. CAA2016: Oceans of Data Springer Nature "This book presents the most relevant experiences and best

practices concerning the use and impact of ICTs in the courtroom"-- Provided by publisher.

ADVANCES IN INFORMATIC S, MANAGEMENT AND TECHNOLOG Y IN HEALTHCARE

IGI Global
This book provides a coherent introduction to semantic web methods and research issues with a particular emphasis on reasoning. It is based on a

collection of six thoroughly revised tutorial papers culled from lectures given by leading researchers.

Emerging Topics in Semantic Technologies

Springer
Science & Business Media
The concept of virtual worlds is strongly related to the current innovations of new media communication. As such, it is increasingly imperative to understand the criteria for creating virtual worlds as well as the

evolution in system architecture, information visualization and human interaction. Meta-plasticity in Virtual Worlds: Aesthetics and Semantics Concepts provides in-depth coverage of the state-of-the-art among the best international research experiences of virtual world concept creations from a wide range of media culture fields, at the edge of artistic and scientific inquiry and

emerging technologies. Written for professionals, researchers, artists and designers, this text is a perfect companion for those who want to improve their understanding of the strategic role of virtual worlds within the development of digital communication.

**DATA
SCIENCE
WITH
SEMANTIC
TECHNOLOGIES**

IGI Global

The author looks at the construction of the Semantic Web, which enables computers to automatically and independently consume Web-based information.

**REASONING
WEB -
SEMANTIC
TECHNOLOGI
ES FOR
ADVANCED
QUERY
ANSWERING**

Springer
This book constitutes the refereed proceedings of the 20th International Conference on

The Semantic Web, ESWC 2023, held in Hersonissos, Crete, Greece, during May 28–June 1, 2023. The 41 full papers included in this book were carefully reviewed and selected from 167 submissions. They are organized in topical sections as follows: research, resource and in-use.

[Handbook of Semantic Web Technologies](#)

Springer
Nature
This book includes a selection of

thoroughly refereed papers accepted at the Satellite Events of the 17th International Semantic Web Conference, ISWC 2018, held in Monterey, CA in October 2018. The key areas addressed by these events include the core Semantic Web technologies such as knowledge graphs and scalable knowledge base systems, ontology design and modelling, semantic deep learning and

statistics. Furthermore, several novel applications of semantic technologies to the topics of Internet of Things (IoT), healthcare, social media and social good are discussed. Finally, important topics at the interface of the Semantic Web technologies and their human users are addressed, including visualization and interaction paradigms for Web Data as well as

crowdsourcing applications. *Distributed Computing and Internet Technology* IGI Global This book constitutes the thoroughly refereed proceedings of the international workshops associated with the 35th International Conference on Advanced Information Systems Engineering, CAiSE 2023, which was held in Zaragoza, Spain, during June 12-16, 2023. The workshops included in

this volume are: · 1st International Workshop on Hybrid Artificial Intelligence and Enterprise Modelling for Intelligent Information Systems (HybridAIMS) · 1st Workshop on Knowledge Graphs for Semantics-Driven Systems Engineering (KG4SDSE) · Blockchain and Decentralized Governance Design for Information Systems (BC4IS and DGD) They reflect a broad range of

topics and trends ranging from blockchain technologies via digital factories, ethics, and ontologies, to the agile methods for business and information systems. The theme of this year's CAiSE was "Cyber-Human Systems". The 10 full papers and 9 short paper presented in this book were carefully reviewed and selected from 25 submissions.

REASONING

WEB. SEMANTIC TECHNOLOGI ES FOR THE WEB OF DATA

Springer Science & Business Media
The two-volume set LNCS 7649 + 7650 constitutes the refereed proceedings of the 11th International Semantic Web Conference, ISWC 2012, held in Boston, MA, USA, in November 2012. The International Semantic Web Conference is the premier

forum for Semantic Web research, where cutting edge scientific results and technological innovations are presented, where problems and solutions are discussed, and where the future of this vision is being developed. It brings together specialists in fields such as artificial intelligence, databases, social networks, distributed computing, Web engineering, information systems,

human-computer interaction, natural language processing, and the social sciences. Volume 1 contains a total of 41 papers which were presented in the research track. They were carefully reviewed and selected from 186 submissions. Volume 2 contains 17 papers from the in-use track which were accepted from 77 submissions. In addition, it presents 8 contributions

to the evaluations and experiments track and 7 long papers and 8 short papers of the doctoral consortium. *It's Not Just Semantics* CRC Press This highly topical text considers the construction of the next generation of the Web, called the Semantic Web. This will enable computers to automatically consume Web-based information, overcoming the human-centric focus

of the Web as it stands at present, and expediting the construction of a whole new class of knowledge-based applications that will intelligently utilise Web content. The text is structured into three main sections on knowledge representation techniques, reasoning with multi-agent systems, and knowledge services. For each of these topics, the text provides an overview of the state-of-the-art

techniques and the popular standards that have been defined. Numerous small programming examples are given, which demonstrate how the benefits of the Semantic Web technologies can be realised at the present time. The main theoretical results underlying each of the technologies are presented, and the main problems and research issues which remain are summarised.

Based on a course on 'Multi-Agent Systems and the Semantic Web' taught at the University of Edinburgh, this text is ideal for final-year undergraduate and graduate students in Mathematics, Computer Science, Artificial Intelligence, and Logic and researchers interested in Multi-Agent Systems and the Semantic Web. Ontologies and Semantic Technologies for

Intelligence
CRC Press
This book constitutes the refereed proceedings of the 10th International Conference on Web Reasoning and Rule Systems, RR 2016, held in Aberdeen, Scotland, UK, in September 2016. The 10 full papers and 3 technical communications presented were carefully reviewed and selected from 17 submissions. Extensions and adaptations of classical rule-based

languages have found their application in a range of areas, such as ontologies for the semantic web; querying web data; semantic data management; common-sense reasoning on the web

The Semantic Web - ISWC 2014 Springer
 "This book discusses the new technologies of semantic Web, transforming the way we use information and knowledge"--

Provided by publisher.

SEMANTIC MEDIA

Archaeopress Publishing Ltd
 The latest advances in technology development have been particularly useful to actor-network theory as a structure for much of its research. With a socio-technical approach to the understanding of information systems and applications, the actor-network theory aims to bring support for social

influence on technological innovations. Social and Professional Applications of Actor-Network Theory for Technology Development presents a platform for the approaches and implementations on the actor-network theory and its relationship with technology development. This book provides researchers and practitioners with a better understanding of the usefulness of

the social and technical connection. The Semantic Web IGI Global A selection of 50 papers presented at CAA2016. Papers are grouped under the following headings: Ontologies and Standards; Field and Laboratory Data Recording and Analysis; Archaeological Information Systems; GIS and Spatial Analysis; 3D and Visualisation; Complex Systems Simulation; Teaching

Archaeology in the Digital Age. *Agency and the Semantic Web* Springer Science & Business Media Data science, informatics and technology have inspired health professionals and informaticians to improve healthcare for the benefit of all patients, and the field of biomedical and health informatics is one which has become increasingly important in recent years. This volume

presents the papers delivered at ICIMTH 2022, the 20th International Conference on Informatics, Management, and Technology in Healthcare, held in Athens, Greece, from 1-3 July 2022. The ICIMTH Conference is an annual scientific event attended by scientists from around the world working in the field of biomedical and health informatics. This year, thanks to the improvement

in the situation as regards the COVID-19 pandemic and the consequent lifting of restrictions, the conference was once again a live event, but virtual sessions by means of teleconferencing were also enabled for those unable to travel due to local restrictions. The field of biomedical and health informatics was examined from a very broad perspective,

with participants presenting the research and application outcomes of informatics from cell to populations, including several technologies such as imaging, sensors, biomedical equipment, and management and organizational aspects, including legal and social issues. More than 230 submissions were received, with a total of 130 accepted as full papers and 19 as

short communication and poster papers after review. As expected, a significant number of papers were related to the COVID-19 pandemic. Providing a state-of-the-art overview of biomedical and health informatics, the book will be of interest to all those working in the field of healthcare, researchers and practitioners alike *Semantic Technologies for E-Government*

Oxford University Press on Demand Chapters “No. 10 and No. 21” are available open access under a Creative Commons Attribution 4.0 International License via link.springer.com.

Agency and the Semantic Web

Enhancing the Investigation of Malware-related Crimes Using Semantic Technologies Foundations of Semantic Web Technologies Featuring chapters by

selected contributors to the second international Ontology for the Intelligence Community (OIC) conference, this book offers a partial technology roadmap for decision makers in the field of information integration, sharing and situational awareness in the use of ontologies and semantic technologies for intelligence.

IOS Press
This book constitutes

the refereed proceedings of the 10th International Conference on Open Semantic Technologies for Intelligent System, OSTIS 2020, held in Minsk, Belarus, in February 2020. The 14 revised full papers and 2 short papers were carefully reviewed and selected from 62 submissions. The papers mainly focus on standardization of intelligent systems and cover wide research fields including

knowledge representation and reasoning, semantic networks, natural language processing, temporal reasoning, probabilistic reasoning, multi-agent systems, intelligent agents.

**E-JUSTICE:
USING
INFORMATION
COMMUNICATION
TECHNOLOGIES
IN THE
COURT
SYSTEM**

IOS Press
With more
substantial

funding from research organizations and industry, numerous large-scale applications, and recently developed technologies, the Semantic Web is quickly emerging as a well-recognized and important area of computer science. While Semantic Web technologies are still rapidly evolving, Foundations of Semantic Web Technologies focuses on **Metadata and Semantics Research**

Springer Science & Business Media
This book constitutes the refereed proceedings of the 10th Metadata and Semantics Research Conference, MTSR 2016, held in Göttingen, Germany, in November 2016. The 26 full papers and 6 short papers presented were carefully reviewed and selected from 67 submissions. The papers are organized in several sessions and

tracks: Digital Libraries, Information Retrieval, Linked and Social Data, Metadata and Semantics for Open Repositories,	Research Information Systems and Data Infrastructures , Metadata and Semantics for Agriculture, Food and	Environment, Metadata and Semantics for Cultural Collections and Applications, European and National Projects.
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