



A Developer's Guide to the Semantic Web

By Liyang Yu

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Covering the theory, technical components and applications of the Semantic Web, this book's unrivalled coverage includes the latest on W3C standards such as OWL 2, and discusses new projects such as DBpedia. It also shows how to put theory into practice.

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A Developer's Guide to the Semantic Web By Liyang Yu Bibliography

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Editorial Review

Review

From the reviews:

“As the title suggests, this book is about the semantic Web, the standards and technologies that allow computers to understand the meaning of information posted online. . . . this book covers numerous aspects of the semantic Web in significant detail . . . primarily intended for software developers, researchers, and practicing professionals who want to gain expertise in the fundamentals quickly. It may also be useful for students taking courses on the semantic Web. Summing Up: Recommended. Upper-division undergraduates through professionals/practitioners.” (M. B. DuBois, Choice, Vol. 48 (11), August, 2011)

“This book is a good starting point, especially since finding all of this information on the Web can be difficult. . . . for developers who are interested in establishing a toehold, this is a nice introduction that should serve for now.” (Jeffrey Putnam, ACM Computing Reviews, September, 2011)

From the Back Cover

The Semantic Web represents a vision for how to make the huge amount of information on the Web automatically processable by machines on a large scale. For this purpose, a whole suite of standards, technologies and related tools have been specified and developed over the last couple of years, and they have now become the foundation for numerous new applications.

A Developer's Guide to the Semantic Web helps the reader to learn the core standards, key components, and underlying concepts. It provides in-depth coverage of both the what-is and how-to aspects of the Semantic Web. From Yu's presentation, the reader will obtain not only a solid understanding about the Semantic Web, but also learn how to combine all the pieces to build new applications on the Semantic Web.

The second edition of this book not only adds detailed coverage of the latest W3C standards such as SPARQL 1.1 and RDB2RDF, it also updates the readers by following recent developments. More specifically, it includes five new chapters on schema.org and semantic markup, on Semantic Web technologies used in social networks, and on new applications and projects such as data.gov and Wikidata, and it also provides a complete coding example of building a search engine that supports Rich Snippets.

Software developers in industry and students specializing in Web development or Semantic Web technologies will find in this book the most complete guide to this exciting field available today. Based on the step-by-step presentation of real-world projects, where the technologies and standards are applied, they will acquire the knowledge needed to design and implement state-of-the-art applications.

About the Author

Liyang Yu is Senior Software Developer with Delta Air Lines in Atlanta, GA, USA. His previously published Semantic Web books are widely used as textbooks and often referenced by developers worldwide. He also actively provides services and assistance to a variety of organizations and companies about

development and applications of Semantic Web technologies.

Users Review

From reader reviews:

Joseph Woodruff:

The reserve untitled A Developer's Guide to the Semantic Web is the book that recommended to you to see. You can see the quality of the book content that will be shown to a person. The language that author use to explained their ideas are easily to understand. The writer was did a lot of analysis when write the book, so the information that they share for your requirements is absolutely accurate. You also will get the e-book of A Developer's Guide to the Semantic Web from the publisher to make you much more enjoy free time.

Kristy Douglas:

The actual book A Developer's Guide to the Semantic Web has a lot of information on it. So when you make sure to read this book you can get a lot of help. The book was published by the very famous author. The author makes some research prior to write this book. This kind of book very easy to read you can find the point easily after scanning this book.

Eric Baur:

This A Developer's Guide to the Semantic Web is great guide for you because the content which is full of information for you who also always deal with world and also have to make decision every minute. This kind of book reveal it info accurately using great organize word or we can claim no rambling sentences in it. So if you are read the item hurriedly you can have whole details in it. Doesn't mean it only offers you straight forward sentences but tough core information with wonderful delivering sentences. Having A Developer's Guide to the Semantic Web in your hand like obtaining the world in your arm, data in it is not ridiculous just one. We can say that no book that offer you world inside ten or fifteen small right but this publication already do that. So , this is good reading book. Hey Mr. and Mrs. busy do you still doubt in which?

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