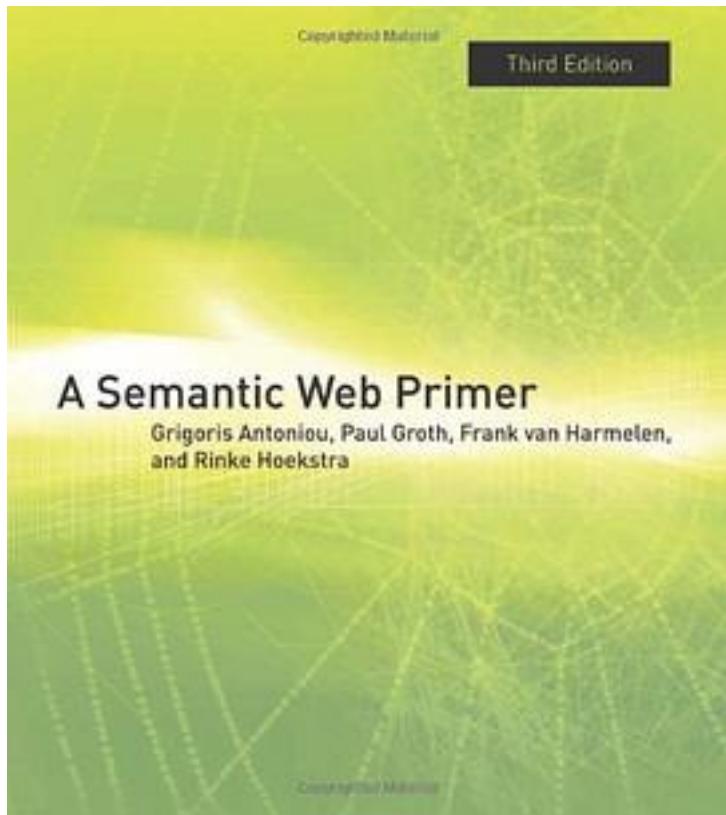


A Semantic Web Primer



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The development of the Semantic Web, with machine-readable content, has the potential to revolutionize the World Wide Web and its uses. A Semantic Web Primer provides an introduction and guide to this continuously evolving field, describing its key ideas, languages, and technologies. Suitable for use as a textbook or for independent study by professionals, it concentrates on undergraduate-level fundamental concepts and techniques that will enable readers to proceed with

building applications on their own and includes exercises, project descriptions, and annotated references to relevant online materials. The third edition of this widely used text has been thoroughly updated, with significant new material that reflects a rapidly developing field. Treatment of the different languages (OWL2, rules) expands the coverage of RDF and OWL, defining the data model independently of XML and including coverage of N3/Turtle and RDFa. A chapter is devoted to OWL2, the new W3C standard. This edition also features additional coverage of the query language SPARQL, the rule language RIF and the possibility of interaction between rules and ontology languages and applications. The chapter on Semantic Web applications reflects the rapid developments of the past few years. A new chapter offers ideas for term projects. Additional material, including updates on the technological trends and research directions, can be found at <http://www.semanticwebprimer.org>.

作者介绍:

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标签

语义网

计算机

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NLP

评论

书评

翻译的差强人意，但是书中内容显得有些陈旧，有许多作者的“预测”已经成为过去时了，建议阅读此书的英文版第二版《A Semantic Web Primer, 2nd Edition》(<http://book.douban.com/subject/3021156/>)。此外，关于书中第三章讲解RDF的部分和第四章讲解OWL的部分...

本书英文名是Semantic Web

Premier，非常基础、经典，同时又作为教科书，繁简得当，深浅皆宜。只是翻译得差强人意，不如看原文。Semantic Web翻译成“语义网”而不是“语义万维网”本身就有重大问题。另外，第二版已经出来，校正不少勘误，并有很多更新。有机会还是看新版吧，...

看过第一版的翻译，和第二版的英文原版，再看第三版的翻译，虽然不至于没法读，但翻译也算是挺糟糕的了，很多基本术语都翻译的不伦不类的，仿佛是用比百度翻译还糟糕的机器翻译的。读到中途已经放弃了，还是去看英文原版吧。

最近需要做相关的项目，所以在图书馆借了这本书，本书深入浅出的介绍了语义网，对语义网的概况，XML标准，RDF/RDFS/OWL等标准都给予了入门级别的介绍，并配有一些容易理解的例子。最后对规则和语义网的愿景等给出了介绍，建议后续阅读《web3.0与semantic web编程》