

*New IOS Press Publication*

## **The Emerging Semantic Web**

Selected papers from the first Semantic Web Working Symposium

Volume 75 *Frontiers in Artificial Intelligence and Applications*

**Edited by:** I.F. Cruz, S. Decker, J. Euzenat and D.L. McGuinness

2002, 300 pp., hardcover

**ISBN:** 1 58603 255 0

**Price:** US\$79/EUR79/£50

The World Wide Web has been the main source of an important shift in the way people get information and order services. However, the current Web is aimed at people only. The Semantic Web is a Web defined and linked in a way that it can be used by machines not just for display purposes, but also for automation, integration and reuse of data across various applications. Facilities and technologies to put machine understandable data on the Web are rapidly becoming a high priority for many communities.

In order for computers to provide more help to people, the Semantic Web augments the current Web with formalized knowledge and data that can be processed by computers. It thus needs a language for expressing knowledge. This knowledge is used to describe the content of information sources, through ontologies, and the condition of operation of Web services. One of the challenges of the current Semantic Web development is the design of a framework that allows these resources to interoperate.

This book presents the state of the art in the development of the principles and technologies that will allow for the Semantic Web to become a reality. It contains revised versions of a selection of papers presented at the International Semantic Web Working Symposium that address the issues of languages, ontology's, services, and interoperability.

## **ORDER FORM**

If you would like to order one or more copies of the above, please fill in this order form and send it back to one of the addresses below.

I would like to order .... copies of The Emerging Semantic Web

Please bill me

Payment enclosed

Please charge my credit card

Amer. Express

Euro/Master

Visa

Card no.

Exp. Date

Name:

Address:

City/Zipcode:

Country:

Fax:

Date:

Signature:

IOS Press  
Nieuwe Hemweg 6B  
1013 BG Amsterdam  
The Netherlands  
Tel: +31 20 688 3355  
Fax: +31 20 620 3419

IOS Press/Lavis Marketing  
73 Lime Walk  
Headington, Oxford  
OX3 7AD, UK  
Fax: +44 18 657 50079

IOS Press, Inc.  
5795-G Burke  
Centre Parkway  
Burke, VA 22015  
USA  
Fax: +1 1703 323 3668

IOS Press/  
LSL.de  
Gerichtsweg 28  
D-04103  
Leipzig, Germany  
Fax: +49 341 995 4255

Ohmsha, Ltd.  
3-1 Kanda Nishihiki-cho  
Chiyoda-ku  
Tokyo 101  
Japan  
Fax: +81 33 233 2426

*FOR MORE INFORMATION  
VISIT OUR WEBSITE AT [WWW.IOSPRESS.NL](http://WWW.IOSPRESS.NL)*