AAAI-2002 Workshop on Ontologies and the Semantic Web

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This workshop will address ontologies for the semantic web. The notion of the semantic web as promoted by Tim Berners-Lee and by Jim Hendler as the focus of a major DARPA-funded research effort, is to transform the current World Wide Web so that the information and services are understandable and useable by computers as well as humans. The Semantic Web will create an environment where software agents can readily perform sophisticated tasks and help humans find, understand, integrate, and use information. The key distinguishing feature of the Semantic Web will be ontologies which will enable software agents to find the meaning of the information on Web pages by following hyperlinks to definitions of key terms and rules for reasoning about them logically.

The aim of this workshop will be to make progress on addressing what ontology languages, tools, methodologies, and content are needed to support the Semantic Web.

All material from this workshop is available at:
http://projects.teknowledge.com/AAAI-2002/

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10:55	Mapping Ontologies into Cyc	Reed
11:20	The Suggested Upper Merged Ontology:A Large Ontology for the Semantic Web and its Applications	Pease
11:45	Lexical Databases as a Base for Broad Coverage Ontologies	Smrz
12:10	Lunch	
1:30	Merging Top Level Ontologies for Scientific Knowledge Management	Kingston
1:55	Haystack: A Platform for Personalized Information Management Built on RDF	Quan
2:20	A Reusable Time Ontology	Fikes
2:45	Ontology Analysis for the Semantic Web	Mehrotra
3:10	Break	
3:35	Learning Environments Using Reusable Knowledge Units	Sison
3:50	Linking Sensed Images to an Ontology of Obstacles to Aid in Autonomous Driving	Schlenoff
4:15	LCW-Based Agent Planning for the Semantic Web	Heflin
4:40	Discussion - Directions for Semantic Web Ontologies	
5:30	Adjourn	