List of Abbreviations

AI Artificial Intelligence
AJAX Asynchronous JavaScript And XML
API Application Programming Interface
AUI Abstract User Interface]
BFO Basic Formal Ontology
BMBF Bundesministerium für Bildung und Forschung (German Federal Ministry of Education and Research)
BPEL Business Process Execution Language
CAB Composite UI Application Block
CCT Concur[rent] Task Trees
CIDL Component Interface Description Language
COM Component Object Model
CSS Cascading Style Sheet
CUI Concrete User Interface
DIG DL Implementation Group
DAML DARPA Markup Language
DARPA Defense Advanced Research Projects Agency
DHTML Dynamic HTML
DOLCE Descriptive Ontology for Linguistic and Cognitive Engineering
DL Description Logics
DnS Descriptions and Situations
DTD Document Type Definition
EBNF Extended Backus Naur Form
ECA Event Condition Action
EMF Eclipse Modeling Framework
EMML Enterprise Mashup Markup Language
ER Entity Relationship
F-Logic Frame Logic
FOAF Friend of a Friend
GFO General Formal Ontology
HCI Human Computer Interaction

H. Paulheim, *Ontology-based Application Integration*,
DOI 10.1007/978-1-4614-1430-8, © Springer Science+Business Media, LLC 2011

HTML HyperText Markup Language
HTTP HyperText Transport Protocol
ISO International Organization for Standardization
JavaCC Java Compiler Compiler
JDIC Java Desktop Integration Components
JSF Java Server Faces
JNI Java Native Interface
JRON JavaScript RDF Object Notation
JSON JavaScript Object Notation
JSP Java Server Pages
JSR Java Specification Request
JQL Java Query Language
KIF Knowledge Interchange Format
LINQ Language Integrated Query
LISP List Processing
LZX The XML based language used in OpenLaszlo; a resolution of the abbreviation is not given.
MARIA Model-based lAnguage foR Interactive Applications
MDA Model Driven Architecture
MDL MashArt Description Language
MXML The XML based language used in Adobe Flex; it is likely that it originally stands for Macromedia XML.
N3 Notation 3
OASIS Organization for the Advancement of Structured Information Standards
OIL Ontology Inference Layer
OMA Open Mashup Alliance
OMG Object Management Group
OWL Web Ontology Language
OWL DL OWL Description Logics
OWL-S Semantic Markup for Web Services (not really an abbreviation)
PROTON PROTo ONtology
RCP Rich Client Platform
RIF Rule Interchange Format
RDF Resource Description Framework
RDF-S Resource Description Framework Schema
RMI Remote Method Invocation
RSS Really Simple Syndication
RuleML Rule Markup Language
SAWSDL Semantic Annotations for WSDL
SCA Service Component Architecture
SOA Service Oriented Architecture
SOAP Simple Object Access Protocol
SoKNOS Service-orientierte Architekturen für Netzwerke im Bereich Öffentlicher Sicherheit (Service oriented architectures for networks in the public security area)
SOS Sensor Observation Service
SQL Structured Query Language

SPARQL SPARQL Protocol And RDF Query Language (a recursive acronym)
SUMO Suggested Upper Merged Ontology
SWRL Semantic Web Rule Language
THW Technisches Hilfswerk (Federal Agency for Technical Relief)
UCL Universal Composition Language
UI User Interface
UIDL User Interface Description Language
UIML User Interface Markup Language
UISDL User Interface Service Description Language
UML Universal Modeling Language
URI Uniform Resource Identifier
UsiXML USer Interface eXtensible Markup Language
W3C World Wide Web Consortium
WAI ARIA Web Accessibility Initiative – Accessible Rich Internet Applications
WIMP Window, Icon, Menu, Pointing Device
WML Wireless Markup Language
WSDL Web Service Description Language
WSDL-S Web Services Semantics (not really an abbreviation)
WSML Web Service Modeling Language
WSMO Web Service Modeling Ontology
WSMX Web Service Execution Environment
XAML eXtensible Application Markup Language
XBL XML Binding Language, also eXtensible Bindings Language
XIML eXtensible Interface Markup Language
XML eXtensible Markup Language
XPIL eXtensible Presentation Integration Language
XSLT eXtensible Stylesheet Language Transformation
XUL XML User Interface Language
YAML YAML Ain't Markup Language (a recursive acronym)

List of Figures

List of Tables

References

Aasman J (2008) Unification of Geospatial Reasoning, Temporal Logic, & Social Network Analysis in Event-Based Systems. In: DEBS '08: Proceedings of the Second International Conference on Distributed Event-Based Systems, ACM, pp 139–145

Abdelnur A, Heppner S (2003) JSR 168: Portlet Specification. http://www.jcp.org/en/jsr/detail?id=168, accessed April 12th, 2011.

Abrams M, Phanouriou C, Batongbacal AL, Williams SM, Shuster JE (1999) UIML: an appliance-independent XML user interface language. Computer Networks 31(11-16):1695 – 1708

Adler D (2004) The JACOB Project: A JAva-COM Bridge. http://danadler.com/jacob/, accessed April 12th, 2011.

Adobe Systems Inc (2011) Adobe Flex. http://www.adobe.com/products/flex/, accessed April 12th, 2011.

Agnew B (2006) Java Object Querying Using JXPath. http://today.java.net/pub/a/today/2006/08/03/java-object-querying-using-jxpath.html, accessed April 12th, 2011.

Alasoud A, Haarslev V, Shiri N (2009) An Empirical Comparison of Ontology Matching Techniques. Journal of Information Science 35(4):379–397

Alferes JJ, Eckert M, May W (2009) Evolution and Reactivity in the Semantic Web. In: Bry F, Maluszynski J (eds) Semantic Techniques for the Web, LNCS, vol 5500, pp 161–200

Alishevskikh A (2011) RDFBeans. http://rdfbeans.sourceforge.net/, accessed April 12th, 2011.

Altova (2011) SemanticWorks Semantic Web tool - Visual RDF and OWL editor. http://www.altova.com/semanticworks.html, accessed April 12th, 2011.

Aßmann U, Zschaler S, Wagner G (2006) Ontologies, Meta-models, and the Model-Driven Paradigm. In: (Calero et al, 2006), chap 9, pp 249–273

Aßmann U, Bartho A, Wende C (eds) (2010) Reasoning Web - Semantic Technologies for Software Engineering, LNCS, vol 6325, Springer

Amsden J (2001) Levels Of Integration - Five ways you can integrate with the Eclipse Platform. http://www.eclipse.org/articles/Article-Levels-Of-Integration/levels-of-integration.html, accessed April 12th, 2011.

Andersson N, Broberg A, Bränberg A, Janlert LE, Jonsson E, Holmlund K, Pettersson J (2002) Emegent Interaction - A Pre-study. Tech. rep., Department of Computing Science, Umeå University, Sweden

Angele J, Lausen G (2009) Ontologies in F-Logic. In: (Staab and Studer, 2009), chap 3, pp 45–70

Angele J, Erdmann M, Wenke D (2008) Ontology-Based Knowledge Management in Automotive Engineering Scenarios. In: (Hepp et al, 2008), pp 245–264

Anicic D, Stojanovic N (2008) Towards Creation of Logical Framework for Event-Driven Information Systems. In: Cordeiro J, Filipe J (eds) ICEIS 2008 - Proceedings of the Tenth International

Conference on Enterprise Information Systems, Volume ISAS-2, Barcelona, Spain, June 12-16, 2008, pp 394–401

Ankolekar A, Krötzsch M, Tran T, Vrandecic D (2007a) The Two Cultures: Mashing Up Web 2.0 and the Semantic Web. In: (Williamson et al, 2007), pp 825–834

Ankolekar A, Paolucci M, Srinivasan N, Sycara K (2007b) Tools for Semantic Web Services. In: Studer R, Grimm S, Abecker A (eds) Semantic Web Services - Concepts, Technologies and Applications, Springer, chap 11, pp 311–337

Antoniou G, Bikakis A (2007) DR-Prolog: A System for Defeasible Reasoning with Rules and Ontologies on the Semantic Web. IEEE Transactions on Knowledge and Data Engineering 19:233–245

Antoniou G, Damásio CV, Grosof B, Horrocks I, Kifer M, Maluszynski J, Patel-Schneider PF (2005a) Combining Rules and Ontologies. A survey. Deliverable I3-D3, REWERSE

Antoniou G, Franconia E, van Harmelen F (2005b) Introduction to Semantic Web Ontology Languages. In: (Eisinger and Maluszynski, 2005), pp 1–21

Apache Software Foundation (2010) Welcome to Pluto. http://portals.apache.org/pluto/, accessed April 12th, 2011.

de Araújo SFC, Schwabe D (2009) Explorator: a tool for exploring RDF data through direct manipulation. In: Bizer C, Heath T, Berners-Lee T, Idehen K (eds) Proceedings of the WWW2009 Workshop on Linked Data on the Web, CEUR-WS, vol 538

Ardissono L, Felfernig A, Friedrich G, Jannach D, Zanker M, Schäfer R (2002) A Framework for Rapid Development of Advanced Web-based Configurator Applications. In: van Harmelen F (ed) Proceedings of the 15th Eureopean Conference on Artificial Intelligence, ECAI'2002, Lyon, France, July 2002, IOS Press, pp 618–622

Aroyo L, Traverso P, Ciravegna F, Cimiano P, Heath T, Hyvönen E, Mizoguchi R, Oren E, Sabou M, Simperl EPB (eds) (2009) The Semantic Web: Research and Applications (ESWC 2009), LNCS, vol 5554, Springer

Aroyo L, Antoniou G, Hyvönen E, ten Teije A, Stuckenschmidt H, Cabral L, Tudorache T (eds) (2010) The Semantic Web: Research and Applications (ESWC 2010), Part II, LNCS, vol 6089, Springer

Arpírez JC, Corcho O, Fernández-López M, Gómez-Pérez A (2001) WebODE: a scalable workbench for ontological engineering. In: K-CAP '01: Proceedings of the 1st international conference on Knowledge capture, ACM, pp 6–13

Artz D, Gil Y (2007) A Survey of Trust in Computer Science and the Semantic Web. Journal of Web Semantics 5(2):58–71

Atkinson C, Gutheil M, Kiko K (2006) On the Relationship of Ontologies and Models. In: Brockmans S, Jung J, Sure Y (eds) Workshop on Meta-Modelling (WoMM), GI, LNI, vol 96, pp 47–60

Auer S, Dietzold S, Lehmann J, Hellmann S, Aumueller D (2009) Triplify: Light-Weight Linked Data Publication from Relational Databases. In: WWW '09: Proceedings of the 18th international conference on World wide web, ACM, pp 621–630

Babitski G, Bergweiler S, Hoffmann J, Schön D, Stasch C, Walkowski AC (2009a) Ontology-Based Integration of Sensor Web Services in Disaster Management. In: Proceedings of the 3rd International Conference on GeoSpatial Semantics, Springer, GeoS '09, pp 103–121

Babitski G, Probst F, Hoffmann J, Oberle D (2009b) Ontology Design for Information Integration in Catastrophy Management. In: Proceedings of the 4th International Workshop on Applications of Semantic Technologies (AST'09)

Babitski G, Probst F, Walkowski A, Bergweiler S, Schön D, Oberle D, Hutter D, Kleser G, Hoffmann J, Paulheim H (2009c) SoKNOS Deliverable D10.7: Finaler Demonstrator

Babitski G, Bergweiler S, Grebner O, Paulheim DOH, Probst F (2011) SoKNOS - Using Semantic Technologies in Disaster Management Software. In: The Semantic Web: Research and Applications (ESWC 2011), Part II, pp 183–197

Bailey J, Bry F, Furche T, Schaffert S (2005) Web and Semantic Web Query Languages: A Survey. In: (Eisinger and Maluszynski, 2005), pp 35–133

Bandelloni R, Paternò F, Santoro C (2008) Reverse Engineering Cross-Modal User Interfaces for Ubiquitous Environments. In: Gulliksen J, Harning MB, Palanque P, Veer GC, Wesson J (eds) Engineering Interactive Systems, Springer, pp 285–302

Barrasa J, Óscar Corcho, Gómez-Pérez A (2004) R2O, an Extensible and Semantically Based Database-to-ontology Mapping Language. http://www.cs.man.ac.uk/~ocorcho/documents/SWDB2004_BarrasaEtAl.pdf, accessed April 12th, 2011.

Batini C, Lenzerini M, Navathe SB (1986) A Comparative Analysis of Methodologies for Database Schema Integration. ACM Computing Surveys 18(4):323–364

Bechhofer S, Carroll JJ (2004) Parsing OWL DL: Trees or Triples? In: Proceedings of the 13th international conference on World Wide Web, ACM Press, pp 266–275

Bechhofer S, Möller R, Crowther P (2003a) The DIG Description Logic Interface. In: Proceedings of the International Workshop on Description Logics (DL-2003)

Bechhofer S, Volz R, Lord PW (2003b) Cooking the Semantic Web with the OWL API. In: Fensel D, Sycara KP, Mylopoulos J (eds) The Semantic Web - ISWC 2003, Second International Semantic Web Conference, Springer, LNCS, vol 2870, pp 659–675

Bechhofer S, Hauswirth M, Hoffmann J, Koubarakis M (eds) (2008) The Semantic Web: Research and Applications (ESWC 2008), LNCS, vol 5021, Springer

Behrends E, Fritzen O, May W, Schenk F (2006) Combining ECA Rules with Process Algebras for the Semantic Web. In: RULEML '06: Proceedings of the Second International Conference on Rules and Rule Markup Languages for the Semantic Web, IEEE Computer Society, pp 29–38

Ben-Kiki O, Evans C, döt Net I (2009) YAML Ain't Markup Language Version 1.2. http://yaml.org/spec/1.2/spec.html, accessed April 12th, 2011.

Benatallah B, Nezhad HRM (2007) Service Oriented Architecture: Overview and Directions. In: Börger E, Cisternino A (eds) Advances in Software Engineering, Springer, LNCS, vol 5316, pp 116–130

Bénel A, Zhou C, Cahier JP (2010) Beyond Web 2.0 ... and Beyond the Semantic Web. In: Randall D, Salembier P (eds) From CSCW to Web 2.0: European Developments in Collaborative Design, Computer Supported Cooperative Work, Springer London, pp 155–171

Berners-Lee T (1998) Relational Databases on the Semantic Web. http://www.w3.org/DesignIssues/RDB-RDF.html, accessed April 12th, 2011.

Berners-Lee T (2009) Semantic Web and Linked Data. http://www.w3.org/2009/Talks/0120-campus-party-tbl/, accessed April 12th, 2011.

Berners-Lee T, Connolly D (1993) Hypertext Markup Language (HTML). http://www.w3.org/MarkUp/draft-ietf-iiir-html-01.txt, accessed April 12th, 2011.

Berners-Lee T, Connolly D (2011) Notation3 (N3): A readable RDF syntax. http://www.w3.org/TeamSubmission/n3/, accessed April 12th, 2011.

Berners-Lee T, Hendler J, Lassila O (2001) The Semantic Web. Scientific American 284(5):34–43

Berners-Lee T, Fielding RT, Masinter L (2005) RFC 3986 - Uniform Resource Identifier (URI): Generic Syntax. http://tools.ietf.org/html/rfc3986, accessed April 12th, 2011.

Berners-Lee T, Chen Y, Chilton L, Connolly D, Dhanaraj R, Hollenbach J, Lerer A, Sheets D (2006) Tabulator: Exploring and Analyzing linked data on the Semantic Web. In: (Rutledge et al, 2006)

Birsan D (2005) On plug-ins and extensible architectures. ACM Queue 3(2):40–46

Bizer C, Schultz A (2009) The Berlin SPARQL Benchmark. International Journal on Semantic Web and Information Systems 5(2):1–24

Bizer C, Seaborne A (2004) D2RQ - Treating Non-RDF Databases as Virtual RDF Graphs. In: International Semantic Web Conference 2004 - Posters

Bizer C, Westphal D (2007) Developers Guide to Semantic Web Toolkits for different Programming Languages. http://www4.wiwiss.fu-berlin.de/bizer/toolkits/, accessed April 12th, 2011.

Bizer C, Heath T, Idehen K, Berners-Lee T (eds) (2008) Proceedings of the WWW2008 Workshop on Linked Data on the Web, CEUR-WS, vol 369

Bizer C, Heath T, Berners-Lee T (2009) Linked Data - The Story So Far. International Journal on Semantic Web and Information Systems 5(3):1–22

Blechar M (2010) Hype Cycle for Application Development. http://www.gartner.com/DisplayDocument?id=1412014, accessed April 12th, 2011.

Blechar M, Norton D, Natis YV, Knipp E, Murphy TE, Malinverno P, Duggan J, Sholler D, Murphy J, Altman R, Driver M (2010) IT Market Clock for Application Development, 2010. http://www.gartner.com/DisplayDocument?doc_cd=206032, accessed April 12th, 2011.

Boley H, Kifer M, Pătrânjan PL, Polleres A (2007) Rule Interchange on the Web. In: Antoniou G, Aßmann U, Baroglio C, Decker S, Henze N, Pătrânjan PL, Tolksdorf R (eds) Reasoning Web, LNCS, vol 4636, Springer Berlin / Heidelberg, pp 269–309

Boley H, Paschke A, Tabet S, Grosof B, Bassiliades N, Governatori G, Hirtle D, Shafiq O (2010) Schema Specification of RuleML 1.0. http://ruleml.org/1.0/, accessed April 12th, 2011.

Bontcheva K, Wilks Y (2004) Automatic Report Generation from Ontologies: The MIAKT Approach. In: 9th International Conference on Applications of Natural Language to Information Systems, pp 324–335

Bottazzi E, Catenacci C, Gangemi A, Lehmann J (2006) From Collective Intentionality to Intentional Collectives: an Ontological Perspective. Cognitive Systems Research 7(2-3):192–208

Bowley D (2009) Rapid Portlet Development with WebSphere Portlet Factory: Step-by-Step Guide for Building Your Own Portlets. IBM Press

Brickley D, Miller L (2010) FOAF Vocabulary Specification 0.98. http://xmlns.com/foaf/spec/, accessed April 12th, 2011.

Broekstra J, Kampman A, van Harmelen F (2002) Sesame: A Generic Architecture for Storing and Querying RDF and RDF Schema. In: (Horrocks and Hendler, 2002), pp 54–68

de Bruijn J, Kerrigan M, Zaremba M, Fensel D (2009) Semantic Web Services. In: (Staab and Studer, 2009), chap 29, pp 617–636

Burel G, Cano AE, Lanfranchi V (2009) Ozone Browser: Augmenting the Web with Semantic Overlays. In: Bizer C, Auer S, Grimnes GA (eds) 5th Workshop on Scripting and Development for the Semantic Web

Calì A, Calvanese D, Grau BC, Giacomo GD, Lembo D, Lenzerini M, Lutz C, Milano D, Möller R, Poggi A, Sattler U (2005) State of the Art Survey - Deliverable D01 of the TONES project. http://www.inf.unibz.it/tones/index.php?option=com_docman&task=docclick&Itemid=45&bid=11&limitstart=0&limit=20, accessed April 12th, 2011.

Calero C, Ruiz F, Piattini M (eds) (2006) Ontologies for Software Engineering and Software Technology. Springer

Calvary G, Coutaz J, Thevenin D, Bouillon L, Florins M, Limbourg Q, Souchon N, Vanderdonckt J, Marucci L, Paternò F, Santoro C (2002) The CAMELEON Reference Framework. Deliverable 1.1 of the CAMELEON Project. http://giove.isti.cnr.it/projects/cameleon/pdf/CAMELEON%20D1.1RefFramework.pdf, accessed April 12th, 2011.

Calvary G, Coutaz J, Thevenin D, Limbourg Q, Bouillon L, Vanderdonckt J (2003) A Unifying Reference Framework for multi-target user interfaces. Interacting with Computers 15(3):289–308

Calvary G, Graham TCN, Gray P (eds) (2009) Proceedings of the 1st ACM SIGCHI Symposium on Engineering Interactive Computing Systems (EICS 2010), ACM

Cardoso J (2007) The Semantic Web Vision: Where Are We? IEEE Intelligent Systems 22(5):84–88

Carr L, Hall W, Bechhofer S, Goble C (2001) Conceptual linking: ontology-based open hypermedia. In: WWW '01: Proceedings of the 10th international conference on World Wide Web, ACM, pp 334–342

Carroll JJ, Dickinson I, Dollin C, Reynolds D, Seaborne A, Wilkinson K (2004) Jena: Implementing the Semantic Web Recommendations. In: Feldman SI, Uretsky M, Najork M, Wills CE (eds) Proceedings of the 13th international conference on World Wide Web - Alternate Track Papers & Posters, ACM, pp 74–83

Catarci T, Dongilli P, Mascio TD, Franconi E, Santucci G, Tessaris S (2004) An Ontology Based Visual Tool for Query Formulation Support. In: de Mántaras RL, Saitta L (eds) 16th European Conference on Artificial Intelligence ECAI, IOS Press, pp 308–312

Chappell D (2007) Introducing SCA. http://www.davidchappell.com/articles/Introducing_SCA.pdf, accessed April 12th, 2011.
Cheyer A, Park J, Giuli R (2005) IRIS: Integrate. Relate. Infer. Share. In: (Decker et al, 2005)
Cimiano P, Mädche A, Staab S, Völker J (2010) Ontology Learning. In: (Staab and Studer, 2009), pp 245–267
Codd EF (1985a) Does Your DBMS Run By the Rules? ComputerWorld October 21st
Codd EF (1985b) Is Your DBMS Really Relational? ComputerWorld October 14th
CodeWeavers Inc (2011) WineHQ - Run Windows applications on Linux, BSD, Solaris and Mac OS X. http://www.winehq.org/, accessed April 12th, 2011.
Coenraets C (2008) Getting Started with BlazeDS. http://www.adobe.com/devnet/livecycle/articles/blazeds_gettingstarted.html, accessed April 12th, 2011.
Cohen M, Schwabe D (2010) RExplorator - supporting reusable explorations of Semantic Web Linked Data. In: (Polleres and Chen, 2010)
Collberg C, Thomborson C, Low D (1997) A Taxonomy of Obfuscating Transformations. Tech. Rep. 148, University of Auckland, Department of Computer Science
Coskun G, Heese R, Luczak-Rösch M, Oldakowski R, Paschke A, Schäfermeier R, Streibel O (2009) Towards a Corporate Semantic Web. In: Proceedings of I-KNOW '09 and I-SEMANTICS '09, pp 602–610
Coutaz J, Lachenal C, Dupuy-Chessa S (2003) Ontology for Multi-surface Interaction. In: Proceedings of IFIP INTERACT03: Human-Computer Interaction, IFIP Technical Committee No 13 on Human-Computer Interaction, pp 447–454
Cowan T (2008) Jenabean: Easily bind JavaBeans to RDF. http://www.ibm.com/developerworks/java/library/j-jenabean.html, accessed April 12th, 2011.
Cruz IF, Antonelli FP, Stroe C (2009) AgreementMaker: efficient matching for large real-world schemas and ontologies. In: Proceedings of the VLDB Endowment, vol 2, pp 1586–1589
Cycorp, Inc (2002) OpenCyc Selected Vocabulary and Upper Ontology. http://www.cyc.com/cycdoc/vocab/upperont-diagram.html, accessed April 12th, 2011.
Cycorp Inc (2011) OpenCyc.org. http://www.opencyc.org/, accessed April 12th, 2011.
Cyganiak R, Jentzsch A (2010) Linking Open Data cloud diagram. http://lod-cloud.net/, accessed April 12th, 2011.
van Dam A (1997) Post-WIMP user interfaces. Commun ACM 40(2):63–67
Daniel F, Matera M (2008) Mashing Up Context-Aware Web Applications: A Component-Based Development Approach. In: WISE '08: Proceedings of the 9th international conference on Web Information Systems Engineering, Springer, LNCS, vol 5175, pp 250–263
Daniel F, Yu J, Benatallah B, Casati F, Matera M, Saint-Paul R (2007) Understanding UI Integration: A Survey of Problems, Technologies, and Opportunities. IEEE Internet Computing 11(3):59–66
Daniel F, Casati F, Benatallah B, Shan MC (2009) Hosted Universal Composition: Models, Languages and Infrastructure in mashArt. In: ER '09: Proceedings of the 28th International Conference on Conceptual Modeling, Springer, pp 428–443
Davies J, Weeks R, Krohn U (2004) QuizRDF: Search Technology for the Semantic Web. Hawaii International Conference on System Sciences 4:40,112
Decker S, Erdmann M, Fensel D, Studer R (1999) Ontobroker: Ontology Based Access to Distributed and Semi-Structured Information. In: Meersman R, Tari Z, Stevens SM (eds) Database Semantics - Semantic Issues in Multimedia Systems, IFIP TC2/WG2.6 Eighth Working Conference on Database Semantics (DS-8), Rotorua, New Zealand, January 4-8, 1999, Kluwer, IFIP Conference Proceedings, vol 138, pp 351–369
Decker S, Park J, Quan D, Sauermann L (eds) (2005) Proceedings of the ISWC 2005 Workshop on The Semantic Desktop - Next Generation Information Management & Collaboration Infrastructure, CEUR-WS, vol 175
Deckers C (2011) The DJ Project Native Swing Website. http://djproject.sourceforge.net/ns/index.html, accessed April 12th, 2011.
Dentler K, Cornet R, ten Teije A, de Keizer N (2011) Comparison of Reasoners for large Ontologies in the OWL 2 EL Profile. Semantic Web - Interoperability, Usability, Applicability 1(1-5)

Desbiens F, Moskovits P, Weckerle P (2010) Oracle WebCenter 11g Handbook: Build Rich, Customizable Enterprise 2.0 Applications. McGraw-Hill Osborne Media

Desiderata Software (2008) EZ JCom. http://www.ezjcom.com/, accessed April 12th, 2011.

Dettborn T, König-Ries B, Welsch M (2008) Using Semantics in Portal Development. In: Proceedings of the 4th International Workshop on Semantic Web Enabled Software Engineering, pp 109–110

Díaz O, Iturrioz J, Irastorza A (2005) Improving portlet interoperability through deep annotation. In: WWW '05: Proceedings of the 14th international conference on World Wide Web, ACM, pp 372–381

Dix A, Hussein T, Lukosch S, Ziegler J (eds) (2010) Proceedings of the First Workshop on Semantic Models for Adaptive Interactive Systems (SEMAIS)

Doan A, Halevy AY (2005) Semantic Integration Research in the Database Community: A Brief Survey. AI Magazine 26(1):83–94

Doerr J, Hartkopf S, Kerkow D, Landmann D, Amthor P (2007) Built-in User Satisfaction - Feature Appraisal and Prioritization with AMUSE. In: 15th IEEE International Requirements Engineering Conference, pp 101 –110

Domingue J, Motta E (1999) A Knowledge-Based News Server Supporting Ontology-Driven Story Enrichment and Knowledge Retrieval. In: EKAW '99: Proceedings of the 11th European Workshop on Knowledge Acquisition, Modeling and Management, Springer, pp 103–120

Dou D, LePendu P (2006) Ontology-based integration for relational databases. In: SAC '06: Proceedings of the 2006 ACM symposium on Applied computing, ACM, pp 461–466

Drabent W (2010) Hybrid Reasoning with Non-monotonic Rules. In: (Aßmann et al, 2010), pp 28–61

Döweling S, Probst F, Ziegert T, Manske K (2009) SoKNOS - An Interactive Visual Emergency Management Framework. In: Amicis RD, Stojanovic R, Conti G (eds) GeoSpatial Visual Analytics, Springer, NATO Science for Peace and Security Series C: Environmental Security, pp 251–262

Dzbor M (2008) Best of Both: Using Semantic Web Technologies to Enrich User Interaction with the Web and Vice Versa. In: Geffert V, Karhumäki J, Bertoni A, Preneel B, Návrat P, Bieliková M (eds) SOFSEM 2008: Theory and Practice of Computer Science, 34th Conference on Current Trends in Theory and Practice of Computer Science, Springer, LNCS, vol 4910, pp 34–49

Eberhart A (2002) Automatic Generation of Java/SQL Based Inference Engines from RDF Schema and RuleML. In: (Horrocks and Hendler, 2002), pp 102–116

Eick SG, Wills GJ (1995) High Interaction Graphics. European Journal of Operational Research 84:445–459

Eisinger N, Maluszynski J (eds) (2005) Reasoning Web, First International Summer School 2005, Msida, Malta, July 25-29, 2005, Tutorial Lectures, LNCS, vol 3564, Springer

Ennals R (2010) Intel Mash Maker: Mashups for the Masses. http://software.intel.com/en-us/articles/intel-mash-maker-mashups-for-the-masses/, accessed April 12th, 2011.

Ennals R, Brewer E, Garofalakis M, Shadle M, Gandhi P (2007) Intel Mash Maker: Join the Web. SIGMOD Record 36:27–33

Ennals RJ, Garofalakis MN (2007) MashMaker: mashups for the masses. In: Proceedings of the 2007 ACM SIGMOD international conference on Management of data, ACM, SIGMOD '07, pp 1116–1118

Erling O, Mikhailov I (2009) RDF Support in the Virtuoso DBMS. In: Pellegrini T, Auer S, Tochtermann K, Schaffert S (eds) Networked Knowledge - Networked Media, Studies in Computational Intelligence, vol 221, Springer, pp 7–24

ESRI Inc (2010) ArcGIS: A Complete Integrated System. http://www.esri.com/software/arcgis/index.html, accessed April 12th, 2011.

ESRI Inc (2011) ArcObjects Java API. http://edndoc.esri.com/arcobjects/9.2/Java/api/arcobjects/, accessed April 12th, 2011.

Euzenat J, Shvaiko P (2007) Ontology Matching. Springer

Euzenat J, Ferrara A, Hollink L, Isaac A, Joslyn C, Malaisé V, Meilicke C, Nikolov A, Pane J, Sabou M, Scharffe F, Shvaiko P, Spiliopoulos V, Stuckenschmidt H, Sváb-Zamazal O, Svátek V, dos Santos CT, Vouros GA, Wang S (2009) Results of the Ontology Alignment Evaluation Initiative 2009. In: Shvaiko P, Euzenat J, Giunchiglia F, Stuckenschmidt H, Noy NF, Rosenthal A (eds) Proceedings of the 4th International Workshop on Ontology Matching (OM-2009), CEUR Workshop Proceedings, vol 551

Euzenat J, Ferrara A, Meilicke C, Pane J, Scharffe F, Shvaiko P, Stuckenschmidt H, Sváb-Zamazal O, Svátek V, Trojahn C (2010) Results of the Ontology Alignment Evaluation Initiative 2010. In: (Shvaiko et al, 2010)

Evans AS (1998) Reasoning with UML class diagrams. In: 2nd IEEE Workshop on Industrial Strength Formal Specification Techniques, pp 102 –113

Feldt KC (2007) Programming Firefox. O'Reilly

Fensel D, Lausen H, Polleres A, de Bruijn J, Stollberg M, Roman D, Domingue J (2007a) Enabling Semantic Web Services. Springer

Fensel D, Lausen H, Polleres A, de Bruijn J, Stollberg M, Roman D, Domingue J (2007b) Introduction to WSMO. In: (Fensel et al, 2007a), chap 5, pp 57–81

Fensel D, Lausen H, Polleres A, de Bruijn J, Stollberg M, Roman D, Domingue J (2007c) WSML - a Language for WSMO. In: (Fensel et al, 2007a), chap 7, pp 83–110

Fernández M, Gómez-Pérez A, Juristo N (1997) METHONTOLOGY: From Ontological Art Towards Ontological Engineering. In: Proceedings of the AAAI97 Spring Symposium, pp 33–40

Finin T (2001) Re: NAME: SWOL versus WOL. http://lists.w3.org/Archives/Public/www-webont-wg/2001Dec/0169.html, accessed April 12th, 2011.

Fischer P, Haddorp H, Stober T (2006) Building Composite Applications and Templates in WebSphere Portal V6. http://download.boulder.ibm.com/ibmdl/pub/software/dw/wes/pdf/0608_stober-CompositeApps.pdf, accessed April 12th, 2011.

Fluit C, Sabou M, Harmelen FV (2003) Supporting User Tasks through Visualisation of Lightweight Ontologies. In: Handbook on Ontologies in Information Systems, Springer, pp 415–434

Foundation for Intelligent Phyiscal Agents (2002) FIPA Device Ontology Specification. http://www.fipa.org/specs/fipa00091/index.html, accessed April 12th, 2011.

Fowler M (2003) Patterns of Enterprise Application Architecture. Addison Wesley

Franz Inc (2010) AllegroGraph RDFStore Web 3.0's Database. http://www.franz.com/agraph/allegrograph/, accessed April 12th, 2011.

Friedl J (2006) Mastering Regular Expressions. O'Reilly

Fritz C, Kirschner C, Reker D, Wisplinghoff A, Paulheim H, Probst F (2010) Geospatial Web Mining for Emergency Management. In: GIScience 2010 - Extended Abstracts

Furtado E, Furtado JJV, Silva WB, Rodrigues DWT, da Silva Taddeo L, Limbourg Q, Vanderdonckt J (2002) An Ontology-Based Method for Universal Design of User Interfaces. In: Task Models and Diagrams For User Interface Design (TAMODIA 2002), pp 25–31

Gabrilovich E, Finkelstein L (2001) JNI-C++ Integration Made Easy. C/C++ Users Journal 19:10–21

Gaffar A, Javahery H, Seffah A, Sinnig D (2003) A Pattern Framework for Eliciting and Delivering UCD Knowledge and Practices. In: Proceedings of the Tenth International Conference on Human-Computer Interaction, Lawrence Erlbaum Associates, pp 108–112

Gangemi A, Mika P (2003) Understanding the Semantic Web through Descriptions and Situations. In: On The Move to Meaningful Internet Systems 2003: CoopIS, DOA, and ODBASE, LNCS, vol 2888, Springer, pp 689–706

Gangemi A, Presutti V (2009) Ontology Design Patterns. In: (Staab and Studer, 2009), pp 221–243

Gangemi A, Guarino N, Masolo C, Oltramari A, Schneider L (2002) Sweetening Ontologies with DOLCE. In: Proceedings of the 13th International Conference on Knowledge Engineering and Knowledge Management. Ontologies and the Semantic Web, Springer, pp 166–181

Gangemi A, Borgo S, Catenacci C, Lehmann J (2005) Task Taxonomies for Knowledge Content. http://www.loa-cnr.it/Papers/D07_v21a.pdf, accessed April 12th, 2011.

García-Barriocanal E, Sicilia MA, Sánchez-Alonso S (2005) Usability evaluation of ontology editors. Knowledge Organization 32(1):1–9

Gartner (2007) Gartner Identifies the Top 10 Strategic Technologies for 2008. http://www.gartner.com/it/page.jsp?id=530109, accessed April 12th, 2011.
Gartner (2008) Gartner Identifies the Top 10 Strategic Technologies for 2009. http://www.gartner.com/it/page.jsp?id=777212, accessed April 12th, 2011.
Gašević D, Djurić D, Devedžić V (2006) Model Driven Architecture and Ontolology Development. Springer
Genesereth MR, Fikes RE (1992) Knowledge Interchange Format Version 3.0 Reference Manual. Tech. Rep. Logic-92-1, Stanford University, Computer Science Department, Logic Group
Gennari JH, Musen M, Fergerson RW, Grosso WE, Crubézy M, Eriksson H, Noy NF, Tu SW (2003) The Evolution of Protégé: An Environment for Knowledge-Based System Development. International Journal of Human-Computer Studies 58(1):89–123
Gerber A, van der Merwe A, Barnard A (2008) A Functional Semantic Web Architecture. In: (Bechhofer et al, 2008), pp 273–287
Gómez-Pérez A, Fernández-López M, Corcho O (2004) Ontological Engineering. Advanced Information and Knowledge Processing, Springer
Goessner S (2007) JSONPath - XPath for JSON. http://goessner.net/articles/JsonPath/, accessed April 12th, 2011.
Google Inc (2010) Google Mashup Editor. http://code.google.com/gme/, accessed April 12th, 2011.
Gootzit D, Phifer G, Valdes R, Knipp E (2009) Magic Quadrant for Horizontal Portals. http://www.gartner.com/technology/media-products/reprints/oracle/article95/article95.html, accessed April 12th, 2011.
Goyal S, Westenthaler R (2004) RDF Gravity (RDF Graph Visualization Tool). http://semweb.salzburgresearch.at/apps/rdf-gravity/, accessed April 12th, 2011.
Grammel L, Storey MA (2010) A Survey of Mashup Development Environments. In: Chignell M, Cordy J, Ng J, Yesha Y (eds) The Smart Internet, LNCS, vol 6400, Springer Berlin / Heidelberg, pp 137–151
Grenon P, Smith B, Goldberg L (2004) Biodynamic Ontology: Applying BFO in the Biomedical Domain. In: Pisanelli DM (ed) Ontologies in Medicine, IOS Press, pp 20–38
Gribova V (2007) Automatic Generation of Context-Sensitive Help Using a User Interface Project. In: Gladun VP, Markov KK, Voloshin AF, Ivanova KM (eds) Proceedings of the 8th International Conference "Knowledge-Dialogue-Solution", vol 2, pp 417–422
Griffin E (2008) Foundations of Popfly: Rapid Mashup Development. Apress
Gruber TR (1995) Toward Principles for the Design of Ontologies Used for Knowledge Sharing. International Journal Human-Computer Studies 43(5-6):907–928
Grüninger M, Fox MS (1995) Methodology for the Design and Evaluation of Ontologies. In: IJCAI'95, Workshop on Basic Ontological Issues in Knowledge Sharing, April 13, 1995
Guarino N (ed) (1998) Formal Ontology and Information Systems, IOS Press
Guarino N, Giaretta P (1995) Ontologies and Knowledge Bases: Towards a Terminological Clarification. In: Mars NJI (ed) Towards Very Large Knowledge Bases: Knowledge Building and Knowledge Sharing, IOS Press, Amsterdam, pp 25–32
Guarino N, Welty CA (2009) An Overview of OntoClean. In: (Staab and Studer, 2009), chap 10, pp 201–220
Guarino N, Masolo C, Vetere G (1999) OntoSeek: Content-Based Access to the Web. IEEE Intelligent Systems 14(3):70–80
Guarino N, Smith B, Welty C (eds) (2001) FOIS '01: Proceedings of the international conference on Formal Ontology in Information Systems, ACM
Guerrero-Garcia J, Gonzalez-Calleros JM, Vanderdonckt J, Munoz-Arteaga J (2009) A Theoretical Survey of User Interface Description Languages: Preliminary Results. In: LA-WEB '09: Proceedings of the 2009 Latin American Web Congress (la-web 2009), IEEE Computer Society, pp 36–43
Guruge A (2002) Corporate Portals Empowered with XML and Web Services. Digital Press

Gutierrez-Pulido JR, Garcia-Ruiz MA, Herrera R, Cabello E, Legrand S, Elliman D (2006) Ontology languages for the semantic web: A never completely updated review. Knowledge Based Systems 19(7):489–497

Haarslev V, Möller R (2003) Racer: A Core Inference Engine for the Semantic Web. In: Proceedings of the 2nd International Workshop on Evaluation of Ontology-based Tools (EON2003), pp 27–36

Haase P, Broekstra J, Eberhart A, Volz R (2004) A Comparison of RDF Query Languages. In: McIlraith SA, Plexousakis D, van Harmelen F (eds) The Semantic Web – ISWC 2004, Springer Berlin / Heidelberg, LNCS, vol 3298, pp 502–517

Haase P, Lewen H, Studer R, Tran DT, Erdmann M, d'Aquin M, Motta E (2008) The NeOn Ontology Engineering Toolkit. In: WWW 2008 Developers Track

Handschuh S, Heath T, Thai V (eds) (2009) Workshop on Visual Interfaces to the Social and the Semantic Web (VISSW2009), CEUR-WS, vol 443

Happel HJ, Seedorf S (2006) Applications of Ontologies in Software Engineering. In: Workshop on Semantic Web Enabled Software Engineering (SWESE)

Happel HJ, Korthaus A, Seedorf S, Tomczyk P (2006) KOntoR: An Ontology-enabled Approach to Software Reuse. In: Zhang K, Spanoudakis G, Visaggio G (eds) Proceedings of the Eighteenth International Conference on Software Engineering & Knowledge Engineering (SEKE), pp 349–354

Harris S, Gibbins N (2003) 3Store: Efficient Bulk RDF Storage. In: Volz R, Decker S, Cruz IF (eds) First International Workshop on Pracitical and Scalable Semantic Systems, CEUR Workshop Proceedings, vol 89

Harris S, Shadbolt N (2005) SPARQL Query Processing with Conventional Relational Database Systems. In: Dean M, Guo Y, Jun W, Kaschek R, Krishnaswamy S, Pan Z, Sheng QZ (eds) Web Information Systems Engineering - WISE 2005 Workshops, Springer, LNCS, vol 3807, pp 235–244

Harth A (2010) VisiNav: A system for visual search and navigation on web data. Web Semantics: Science, Services and Agents on the World Wide Web 8(4):348 – 354

Hasselbring W (2000) Information System Integration. Communications of the ACM 43(6):32–38

Hastrup T, Cyganiak R, Bojars U (2008) Browsing Linked Data with Fenfire. In: (Bizer et al, 2008)

Hawke S (2010) From JSON to RDF in Six Easy Steps with JRON. http://decentralyze.com/2010/06/04/from-json-to-rdf-in-six-easy-steps-with-jron/, accessed April 12th, 2011.

Hawkey K, Kellar M, Reilly D, Whalen T, Inkpen KM (2005) The Proximity Factor: Impact of Distance on Co-located Collaboration. In: Proceedings of the 2005 international ACM SIGGROUP conference on Supporting group work, ACM, GROUP '05, pp 31–40

van Heijst G, Schreiber ATG, Wielinga BJ (1997) Using Explicit Ontologies in KBS Development. International Journal of Human-Computer Studies 46(2-3):183–292

Heim P, Ziegler J, Lohmann S (2008) gFacet: A Browser for the Web of Data. In: Auer S, Dietzold S, Lohmann S, Ziegler J (eds) Proceedings of the International Workshop on Interacting with Multimedia Content in the Social Semantic Web (IMC-SSW'08), CEUR WS, vol 417, pp 49–58

Henninger S, Keshk M, Kinworthy R (2003) Capturing and Disseminating Usability Patterns with Semantic Web Technology. In: CHI 2003 Workshop: Concepts and Perspectives on HCI Patterns

Hepp M (2007) Ontologies: State of the Art, Business Potential, and Grand Challenges. In: Hepp M, Leenheer PD, de Moorand York Sure A (eds) Ontology Management: Semantic Web, Semantic Web Services, and Business Applications, Springer, chap 1, pp 3–22

Hepp M, Leenheer PD, Moor AD, Sure Y (eds) (2008) Ontology Management, Semantic Web and Beyond, vol 7. Springer

Heppner S (2008) JSR 286: Portlet Specification 2.0. http://www.jcp.org/en/jsr/detail?id=286, accessed April 12th, 2011.

Herman I, Melançon G, Marshall MS (2000) Graph Visualization and Navigation in Information Visualization: A Survey. IEEE Transactions on Visualization and Computer Graphics 6(1):24–43

Herre H (2009) General Formal Ontology (GFO) : A Foundational Ontology for Conceptual Modelling. In: Poli R, Obrst L (eds) Theory and Applications of Ontology, vol 2, Springer

Hesse W (2005) Ontologies in the Software Engineering Process. In: Lenz R, Hasenkamp U, Hasselbring W, Reichert M (eds) Proceedings of the 2nd GI-Workshop on Enterprise Application Integration (EAI), CEUR-WS.org, CEUR Workshop Proceedings, vol 141

Heymans S, Ma L, Anicic D, Zhilei M, Steinmetz N, Pan Y, Mei J, Fokoue A, Kalyanpur A, Kershenbaum A, Schonberg E, Srinivas K, Feier C, Hench G, Wetzstein B, Keller U (2008) Ontology Reasoning with Large Data Repositories. In: (Hepp et al, 2008), chap 4, pp 89–128

Hildebrand M, van Ossenbruggen J (2009) Configuring Semantic Web Interfaces by Data Mapping. In: (Handschuh et al, 2009)

Hillairet G, Bertrand F, Lafaye JY (2008) Bridging EMF applications and RDF data sources. In: Kendall EF, Pan JZ, Sabbouh M, Stojanovic L, Bontcheva K (eds) Proceedings of the 4th International Workshop on Semantic Web Enabled Software Engineering (SWESE)

Hirsch C, Hosking J, Grundy J (2009) Interactive Visualization Tools for Exploring the Semantic Graph of Large Knowledge Spaces. In: (Handschuh et al, 2009)

Horrocks I, Hendler JA (eds) (2002) The Semantic Web - ISWC 2002, LNCS, vol 2342, Springer

Hoyer V, Fischer M (2008) Market Overview of Enterprise Mashup Tools. In: ICSOC '08: Proceedings of the 6th International Conference on Service-Oriented Computing, Springer, pp 708–721

Hussein T, Münter D (2010) Automated Generation of Faceted Navigation Interfaces Using Semantic Models. In: (Dix et al, 2010)

Huynh D, Mazzocchi S, Karger DR (2005) Piggy Bank: Experience the Semantic Web Inside Your Web Browser. In: Gil Y, Motta E, Benjamins VR, Musen MA (eds) International Semantic Web Conference, Springer, LNCS, vol 3729, pp 413–430

Hyvönen E, Styrman A, Saarela S (2002) Ontology-Based Image Retrieval. In: Hyvönen E, Klemettinen M (eds) Towards the semantic Web and Web services. Proceedings of the XML Finland 2002 Conference, HIIT Publications, pp 15–27

IBM Corporation (2008) IBM Web Portal software from WebSphere. http://www.ibm.com/websphere/portal, accessed April 12th, 2011.

IBM Corporation (2010) IBM Enterprise Mashups - IBM Mashup Center. http://www.ibm.com/software/info/mashup-center/, accessed April 12th, 2011.

Igarashi T, Zeleznik B (2007) Sketch-Based Interaction. IEEE Computer Graphics and Applications 27(1):26–27

Intel Corporation (2007) Extractors in Intel Mash Maker. http://software.intel.com/en-us/articles/extractors-in-intel-mash-maker/, accessed May 3rd, 2011.

International Organization for Standardization (ISO) (1996) ISO/IEC 14977: Information technology – Syntactic metalanguage – Extended BNF. http://www.iso.org/iso/iso_catalogue/catalogue_tc/catalogue_detail.htm?csnumber=26153, accessed April 12th, 2011.

JackBe Corporation (2011) Presto: The Real-Time Intelligence Solution. http://www.jackbe.com/products/, accessed April 12th, 2011.

Jay R (2008) SAP NetWeaver Portal Technology: The Complete Reference. McGraw-Hill Osborne Media

JBoss Community (2011) GateIn Portal. http://www.jboss.org/gatein/, accessed April 12th, 2011.

Jean-Mary YR, Shironoshita EP, Kabuka MR (2009) Ontology Matching with Semantic Verification. Web Semantics: Science, Services and Agents on the World Wide Web 7(3):235–251

JGraph (2011) JavaScript and Java Diagram Library Components. http://www.jgraph.com/, accessed April 12th, 2011.

Jin Z, Hongqiao Z, Zhuoning C, Xiaoguang Y (2009) A Framework for Supporting Business, Data and User Interface Integration between Multiple CAD and PDM Systems. In: International Conference on Measuring Technology and Mechatronics Automation, IEEE, vol 2, pp 3 –7

Junghans M, Agarwal S, Studer R (2010) Towards Practical Semantic Web Service Discovery. In: (Aroyo et al, 2010), pp 15–29

Kagal L, Finin T, Joshi A (2003) A policy language for a pervasive computing environment. In: Proceedings of the IEEE 4th International Workshop on Policies for Distributed Systems and Networks.

Kalfoglou Y, Schorlemmer M (2005) Ontology Mapping: The State of the Art. In: Kalfoglou Y, Schorlemmer M, Sheth A, Staab S, Uschold M (eds) Semantic Interoperability and Integration, Internationales Begegnungs- und Forschungszentrum für Informatik (IBFI), Schloss Dagstuhl, Germany, no. 04391 in Dagstuhl Seminar Proceedings

Kaljurand K, Fuchs NE (2007) Verbalizing OWL in Attempto Controlled English. In: Golbreich C, Kalyanpur A, Parsia B (eds) Proceedings of the OWLED 2007 Workshop on OWL: Experiences and Directions, Innsbruck, Austria, June 6-7, 2007, CEUR WS, vol 258

Kalyanpur A, Pastor DJ, Battle S, Padget JA (2004) Automatic Mapping of OWL Ontologies into Java. In: Maurer F, Ruhe G (eds) Proceedings of the Sixteenth International Conference on Software Engineering & Knowledge Engineering (SEKE'2004), Banff, Alberta, Canada, June 20-24, 2004, pp 98–103

Kalyanpur A, Parsia B, Sirin E, Grau BC, Hendler J (2006) Swoop: A Web Ontology Editing Browser. Journal of Web Semantics 4(2):144–153

Karim S, Tjoa AM (2006) Towards the Use of Ontologies for Improving User Interaction for People with Special Needs. In: Miesenberger K, Klaus J, Zagler WL, Karshmer AI (eds) 10th International Conference on Computers Helping People with Special Needs (ICCHP), Springer, LNCS, vol 4061, pp 77–84

Katifori A, Halatsis C, Lepouras G, Vassilakis C, Giannopoulou EG (2007) Ontology Visualization Methods - A Survey. ACM Comput Surv 39(4)

Kiryakov A, Simov KI, Dimitrov M (2001) OntoMap: Portal for Upper-Level-Ontologies. In: (Guarino et al, 2001), pp 47–58

Kiryakov A, Ognyanov D, Manov D (2005) OWLIM - a Pragmatic Semantic Repository for OWL. In: Proceedings of the International Workshop on Scalable Semantic Web Knowledge Base Systems (SSWS 2005), LNCS, vol 3807, pp 182–192

Knight A, Dai N (2002) Objects and the Web. IEEE Software 19(2):51–59

Knipp E, Valdes R, Bradley A (2009) Open Mashup Alliance Needs More Support to Create Standardization. http://www.gartner.com/DisplayDocument?doc_cd=171619, accessed April 12th, 2011.

Kobilarov G, Dickinson I (2008) Humboldt: Exploring Linked Data. In: (Bizer et al, 2008)

Kodaganallur V (2004) Incorporating Language Processing into Java Applications: A JavaCC Tutorial. IEEE Software 21:70–77

Kohlhase A, Kohlhase M (2009) Semantic Transparency in User Assistance Systems. In: Proceedings of the 27th annual ACM international conference on Design of Communication. Special Interest Group on Design of Communication (SIGDOC-09), Bloomington,, IN, United States, ACM Special Interest Group for Design of Communication, ACM Press, pp 89–96

Korpipää P, Häkkilä J, Kela J, Ronkainen S, Känsälä I (2004) Utilising context ontology in mobile device application personalisation. In: MUM '04: Proceedings of the 3rd international conference on Mobile and ubiquitous multimedia, ACM, pp 133–140

Kotsalis D (2009) Managing Non-Native Widgets in Model-Based UI Engineering. In: (Calvary et al, 2009), pp 313–316

Laahs K, McKenna E, Vickers D (2001) Microsoft SharePoint Portal Server: Building Knowledge Sharing Applications. Digital Press

Lanzenberger M, Sampson J, Rester M (2009) Visualization in Ontology Tools. In: Complex, Intelligent and Software Intensive Systems, International Conference, IEEE Computer Society, pp 705–711

Larsson A, Ingmarsson M, Sun B (2007) A Development Platform for Distributed User Interfaces. In: Proceedings of the Nineteenth International Conference on Software Engineering & Knowledge Engineering (SEKE'2007), Boston, Massachusetts, USA, July 9-11, 2007, Knowledge Systems Institute Graduate School, pp 704–709

Lassila O, McGuinness D (2001) The Role of Frame-Based Representation on the Semantic Web. Linköping Electronic Articles in Computer and Information Science 6(5)

Laszlo Systems (2006) OpenLaszlo - An Open Architecture Framework for Advanced Ajax Applications. http://www.openlaszlo.org/whitepaper/LaszloWhitePaper.pdf, accessed April 12th, 2011.

Laugwitz B, Held T, Schrepp M (2008) Construction and Evaluation of a User Experience Questionnaire. In: Holzinger A (ed) HCI and Usability for Education and Work, 4th Symposium of the Workgroup Human-Computer Interaction and Usability Engineering of the Austrian Computer Society (USAB 2008), Springer, LNCS, vol 5298, pp 63–76

Lawson JY (2008) OpenInterface Platform - Description Languages Specification. https://forge.openinterface.org/frs/download.php/75/DL_spec.pdf, accessed April 12th, 2011.

Lawson JYL, Al-Akkad AA, Vanderdonckt J, Macq B (2009) An Open Source Workbench for Prototyping Multimodal Interactions Based on Off-The-Shelf Heterogeneous Components. In: (Calvary et al, 2009), pp 245–254

Lee A (2010) Exploiting Context for Mobile User Experience. In: (Dix et al, 2010)

Lee C, Park S, Lee D, won Lee J, Jeong OR, goo Lee S (2008) A Comparison of Ontology Reasoning Systems Using Query Sequences. In: ICUIMC '08: Proceedings of the 2nd international conference on Ubiquitous information management and communication, ACM, pp 543–546

Lee R (2004) Scalability Report on Triple Store Applications. http://simile.mit.edu/reports/stores/stores.pdf, accessed April 12th, 2011.

Lei Y, Motta E, Domingue J (2003) Design of customized web applications with OntoWeaver. In: K-CAP '03: Proceedings of the 2nd international conference on Knowledge capture, ACM, pp 54–61

Lenat DB (1995) CYC: a Large-Scale Investment in Knowledge Infrastructure. Communications of the ACM 38(11):33–38

Ley M (2009) DBLP - Some Lessons Learned. In: Proceedings of the Very Large Data Bases (VLDB) Endowment, vol 2, pp 1493–1500

Li J, Tang J, Li Y, Luo Q (2009) RiMOM: A Dynamic Multistrategy Ontology Alignment Framework. IEEE Transactions on Knowledge and Data Engineering 21(8):1218–1232

Lieberman H, Paternò F, Klann M, Wulf V (2006) End-User Development: An Emerging Paradigm. In: Lieberman H, Paternò F, Wulf V (eds) End User Development, Human-Computer Interaction Series, vol 9, Springer, pp 1–8

Limbourg Q, Vanderdonckt J, Michotte B, Bouillon L, Florins M, Trevisan D (2004) USIXML: A User Interface Description Language for Context-Sensitive User Interfaces. In: Developing User Interfaces with XML: Advances on User Interface Description Languages, pp 55–62

Linthicum DS (1999) Enterprise Application Integration. Addison Wesley

Liu B, Hu B (2005) An Evaluation of RDF Storage Systems for Large Data Applications. In: International Conference on Semantics, Knowledge and Grid, IEEE Computer Society, pp 59–61

Liu B, Chen H, He W (2005) Deriving User Interface from Ontologies: A Model-Based Approach. In: ICTAI '05: Proceedings of the 17th IEEE International Conference on Tools with Artificial Intelligence, IEEE Computer Society, pp 254–259

Liu X, Hui Y, Sun W, Liang H (2007) Towards Service Composition based on Mashups. In: IEEE Congress on Services, pp 332–339

Lohmann S, Heim P, Stegemann T, Ziegler J (2010) The RelFinder User Interface: Interactive Exploration of Relationships between Objects of Interest. In: IUI '10: Proceeding of the 14th international conference on Intelligent user interfaces, ACM, pp 421–422

Luo S, Wang Y, Guo J (2009) Research on Ontology-Based Usable User Interface Layout Approach. In: IEEE International Conference on Intelligent Computing and Intelligent Systems, 2009. ICIS 2009., vol 1, pp 234 –238

Luther M, Liebig T, Böhm S, Noppens O (2009) Who the Heck is the Father of Bob? In: (Aroyo et al, 2009), pp 66–80

Lutz C (2002) Reasoning about Entity Relationship Diagrams with Complex Attribute Dependencies. In: Proceedings of the International Workshop in Description Logics 2002 (DL2002), no. 53 in CEUR WS, pp 185–194

Mascardi V, Cordì V, Rosso P (2007) A Comparison of Upper Ontologies. In: Baldoni M, Boccalatte A, Paoli FD, Martelli M, Mascardi V (eds) 8th AI*IA/TABOO Joint Workshop "From Objects to Agents" (WOA), Seneca Edizioni Torino, pp 55–64

Masolo C, Borgo S, Gangemi A, Guarino N, Oltramari A (2003) WonderWeb Deliverable D18 – Ontology Library (final). http://wonderweb.semanticweb.org/deliverables/documents/D18.pdf, accessed April 12th, 2011.

Matuszek C, Cabral J, Witbrock M, Deoliveira J (2006) An introduction to the syntax and content of Cyc. In: Proceedings of the 2006 AAAI Spring Symposium on Formalizing and Compiling Background Knowledge and Its Applications to Knowledge Representation and Question Answering, pp 44–49

Maximilien EM, Singh MP (2004) A Framework and Ontology for Dynamic Web Services Selection. IEEE Internet Computing 8(5):84–93

Meijer E, Beckman B, Bierman G (2006) LINQ: Reconciling Objects, Relations and XML in the .NET Framework. In: Proceedings of the 2006 ACM SIGMOD International Conference on Management of Data, p 706

Mendes PN, McKnight B, Sheth AP, Kissinger JC (2008) TcruziKB: Enabling Complex Queries for Genomic Data Exploration. In: ICSC '08: Proceedings of the 2008 IEEE International Conference on Semantic Computing, IEEE Computer Society, pp 432–439

Microsoft Corporation (2005) Smart Client - Composite UI Application Block. http://msdn.microsoft.com/en-us/library/ff648747.aspx, accessed April 12th, 2011.

Microsoft Corporation (2010a) Prism (Composite Client Application Guidance). http://msdn.microsoft.com/en-us/library/ff648465.aspx, accessed April 12th, 2011.

Microsoft Corporation (2010b) SharePoint 2010 - the Business Collaboration Platform for the Enterprise and the Internet. http://sharepoint.microsoft.com/, accessed April 12th, 2011.

Microsoft Corporation (2011a) COM: Component Object Model Technologies. http://www.microsoft.com/com/default.mspx, accessed April 12th, 2011.

Microsoft Corporation (2011b) The Official Microsoft Silverlight Site. http://www.silverlight.net/, accessed April 12th, 2011..

Microsoft Corporation (2011c) XAML Overview (WPF). http://msdn.microsoft.com/en-us/library/ms752059.aspx, accessed April 12th, 2011.

Miller GA (1995) WordNet: a lexical database for English. Commununications of the ACM 38(11):39–41

Miller RB (1968) Response time in man-computer conversational transactions. In: AFIPS '68: Proceedings of the Fall Joint Computer Conference, Part I, ACM, pp 267–277

Mirizzi R, Ragone A, Noia TD, Sciascio ED (2010) Semantic Wonder Cloud: Exploratory Search in DBpedia. In: Daniel F, Facca FM (eds) Current Trends in Web Engineering - 10th International Conference on Web Engineering ICWE 2010 Workshops, Springer, LNCS, vol 6385, pp 138–149

Mizoguchi R, Kozaki K (2009) Ontology Engineering Environments. In: (Staab and Studer, 2009), pp 315–336

Möller K, Heath T, Handschuh S, Domingue J (2007) Recipes for Semantic Web Dog Food - The ESWC and ISWC Metadata Projects. In: Aberer K, Choi KS, Noy N, Allemang D, Lee KI, Nixon L, Golbeck J, Mika P, Maynard D, Mizoguchi R, Schreiber G, Cudré-Mauroux P (eds) The Semantic Web, Springer Berlin / Heidelberg, LNCS, vol 4825, pp 802–815

Möller R, Haarslev V (2009) Tableau-based Reasoning. In: (Staab and Studer, 2009), pp 509–528

Moore MM, Rugaber S, Seaver P (1994) Knowledge-Based User Interface Migration. In: ICSM '94: Proceedings of the International Conference on Software Maintenance, IEEE Computer Society, pp 72–79

Motik B (2009) Resolution-Based Reasoning for Ontologies. In: (Staab and Studer, 2009), pp 529–550

Motik B, Sattler U (2006) A Comparison of Reasoning Techniques for Querying Large Description Logic ABoxes. In: Hermann M, Voronkov A (eds) Logic for Programming, Artificial Intelligence, and Reasoning, LNCS, vol 4246, Springer Berlin / Heidelberg, pp 227–241

Motik B, Horrocks I, Rosati R, Sattler U (2006) Can OWL and Logic Programming Live Together Happily Ever After? In: Cruz IF, Decker S, Allemang D, Preist C, Schwabe D, Mika P, Uschold M, Aroyo L (eds) The Semantic Web - ISWC 2006, Springer, LNCS, vol 4273, pp 501–514

Motik B, Shearer R, Horrocks I (2009) Hypertableau Reasoning for Description Logics. Journal of Artificial Intelligence Research 36:165–228

Mozilla (2011a) Gecko. https://developer.mozilla.org/en/Gecko, accessed April 12th, 2011.

Mozilla (2011b) XUL. https://developer.mozilla.org/en/XUL, accessed April 12th, 2011.

Murth M, Kühn E (2009) Knowledge-based coordination with a reliable semantic subscription mechanism. In: SAC '09: Proceedings of the 2009 ACM symposium on Applied Computing, ACM, pp 1374–1380

Murugesan S (2007) Understanding Web 2.0. IT Professional 9:34–41

Myers BA, Rosson MB (1992) Survey on user interface programming. In: CHI '92: Proceedings of the SIGCHI conference on Human factors in computing systems, ACM, pp 195–202

Naur P, Randell B (1968) Software Engineering: Report of a conference sponsored by the NATO Science Committee, Garmisch, Germany, 7-11 Oct. 1968, Brussels, Scientific Affairs Division, NATO

Nazarian R (2009) Von Türstehern und Torwächtern - Marktübersicht Portlet-Technologien. JavaSpektrum 1:26–29

java net (2006) JFlash Website. https://jflash.dev.java.net/, accessed April 12th, 2011.

java net (2008) JDIC - JDesktop Integration Components Website. https://jdic.dev.java.net/, accessed April 12th, 2011.

Niles I, Pease A (2001) Towards a Standard Upper Ontology. In: (Guarino et al, 2001), pp 2–9

Niles I, Terry A (2004) The MILO: A general-purpose, mid-level ontology. In: International conference on information and knowledge engineering (IKE'04), pp 15–19

Nilsson EG, Nordhagen EK, Oftedal G (1990) Aspects of systems integration. In: ISCI '90: Proceedings of the first international conference on systems integration on Systems integration '90, IEEE Press, pp 434–443

North C, Shneiderman B (2000) Snap-together visualization: a user interface for coordinating visualizations via relational schemata. In: AVI '00: Proceedings of the working conference on Advanced visual interfaces, ACM, pp 128–135

Nottingham M, Sayre R (2005) RFC 4287 - The Atom Syndication Format. http://tools.ietf.org/html/rfc4287, accessed April 12th, 2011.

Noy NF (2004) Semantic Integration: A Survey Of Ontology-Based Approaches. SIGMOD Rec 33(4):65–70

OASIS (2007) Web Services Business Process Execution Language Version 2.0. http://docs.oasis-open.org/wsbpel/2.0/OS/wsbpel-v2.0-OS.html, accessed April 12th, 2011.

OASIS (2009) User Interface Markup Language (UIML) Version 4.0. http://docs.oasis-open.org/uiml/v4.0/uiml-4.0.html, accessed April 12th, 2011. Page numbers follow the PDF version: http://docs.oasis-open.org/uiml/v4.0/cs01/uiml-4.0-cs01.pdf

Oberle D, Lamparter S, Grimm S, Vrandečić D, Staab S, Gangemi A (2006) Towards Ontologies for Formalizing Modularization and Communication in Large Software Systems. Applied Ontology 1(2):163–202

Oberle D, Grimm S, Staab S (2009) An Ontology for Software. In: (Staab and Studer, 2009), chap 18, pp 383–402

Ogrinz M (2009) Mashup Patterns - Designs and Examples for the Modern Enterprise. Addison-Wesley

OMG (2003) MDA Guide Version 1.0.1. http://www.omg.org/cgi-bin/doc?omg/03-06-01.pdf, accessed April 12th, 2011.

ontoprise GmbH (2011a) OntoBroker Website. http://www.ontoprise.de/en/products/ontobroker/, accessed April 12th, 2011.
ontoprise GmbH (2011b) ontoprise:OntoStudio. http://www.ontoprise.de/en/products/ontostudio/, accessed April 12th, 2011.
Open Mashup Alliance (2009) EMML Changes Everything: Profitability, Predictability & Performance through Enterprise Mashups. http://openmashup.org/whitepaper/docs/oma_whitepaper_120309.pdf, accessed April 12th, 2011.
openRDF (2009) ELMO. http://www.openrdf.org/doc/elmo/1.5/, accessed April 12th, 2011.
Oracle Corporation (2010) Drag and Drop Subsystem for the Java 2 Platform Standard Edition 5.0. http://java.sun.com/javase/6/docs/technotes/guides/dragndrop/spec/dnd1.html, accessed April 12th, 2011.
Oracle Corporation (2011) Oracle WebLogic Portal. http://www.oracle.com/us/products/middleware/user-interaction/059320.html, accessed April 12th, 2011.
Oren E, Delbru R, Gerke S, Haller A, Decker S (2007) ActiveRDF: object-oriented semantic web programming. In: (Williamson et al, 2007), pp 817–824
json org (2011) Introducing JSON. http://www.json.org/, accessed April 12th, 2011.
Pajntar B, Grobelnik M (2008) SearchPoint - a New Paradigm of Web Search. In: WWW 2008 Developers Track
Parallels Holdings Ltd (2011) Parallels Desktop 6 for Mac. http://www.parallels.com/products/desktop/, accessed April 12th, 2011.
Parnas DL (1972) On the criteria to be used in decomposing systems into modules. Commun ACM 15(12):1053–1058
Parreiras FS, Saathoff C, Walter T, Franz T, Staab S (2009) APIs à gogo: Automatic Generation of Ontology APIs. In: Proceedings of the International Conference on Semantic Computing, IEEE Computer Society, pp 342–348
Paschke A, Kozlenkov A, Boley H (2007) A Homogenous Reaction Rules Language for Complex Event Processing. In: 2nd International Workshop on Event Driven Architecture and Event Processing Systems (EDA-PS 2007)
Paternò F, Santoro C, Mäntyjärvi J, Mori G, Sansone S (2008a) Authoring Pervasive Multimodal User Interfaces. International Journal on Web Engineering and Technology 4(2):235–261
Paternò F, Santoro C, Spano LD (2008b) XML Languages for User Interface Models - Deliverable D2.1 of the ServFace Project. http://www.servface.org/index.php?option=com_docman&task=doc_download&gid=5&Itemid=61, accessed April 12th, 2011.
Paternò F, Santoro C, Spano LD (2009) MARIA: A Universal, Declarative, Multiple Abstraction-Level Language for Service-Oriented Applications in Ubiquitous Environments. ACM Transactions on Computer-Human Interaction 16(4):1–30
Paternò F, Mancini C, Meniconi S (1997) ConcurTaskTrees: A Diagrammatic Notation for Specifying Task Models. In: INTERACT '97: Proceedings of the IFIP TC13 Interantional Conference on Human-Computer Interaction, Chapman & Hall, Ltd., pp 362–369
Paton NW, Stevens R, Baker P, Goble CA, Bechhofer S, Brass A (1999) Query processing in the TAMBIS bioinformatics source integration system. In: Eleventh International Conference on Scientific and Statistical Database Management, pp 138–147
Paulheim H (2010a) Efficient Semantic Event Processing: Lessons Learned in User Interface Integration. In: (Aroyo et al, 2010), pp 60–74
Paulheim H (2010b) Seamlessly Integrated, but Loosely Coupled - Building UIs from Heterogeneous Components. In: ASE '10: Proceedings of the IEEE/ACM International Conference on Automated Software Engineering, ACM, pp 123–126
Paulheim H (2011) Improving the Usability of Integrated Applications by Using Visualizations of Linked Data. In: Proceedings of the International Conference on Web Intelligence, Mining and Semantics (WIMS'11), ACM
Paulheim H, Erdogan A (2010) Seamless Integration of Heterogeneous UI Components. In: (Sukaviriya et al, 2010), pp 303–308

Paulheim H, Probst F (2010a) Application Integration on the User Interface Level: an Ontology-Based Approach. Data & Knowledge Engineering Journal 69(11):1103–1116

Paulheim H, Probst F (2010b) Improving UI Integration with Formal Semantics. In: (Dix et al, 2010)

Paulheim H, Probst F (2010c) Ontology-Enhanced User Interfaces: A Survey. International Journal on Semantic Web and Information Systems 6(2):36–59

Paulheim H, Probst F (2011) A Formal Ontology on User Interfaces – Yet Another User Interface Description Language? In: Hussein T, Lukosch S, Paulheim H, Ziegler J, Calvary G (eds) Proceedings of the Second Workshop on Semantic Models for Adaptive Interactive Systems (SEMAIS), to appear

Paulheim H, Döweling S, Tso-Sutter K, Probst F, Ziegert T (2009) Improving Usability of Integrated Emergency Response Systems: The SoKNOS Approach. In: Proceedings "39. Jahrestagung der Gesellschaft für Informatik e.V. (GI) - Informatik 2009", LNI, vol 154, pp 1435–1449

Paulheim H, Fengel J, Rebstock M (2011a) Context-Sensitive Semantic Synchronization Enablement in Electronic Negotiations. Group Decision and Negotiation To appear.

Paulheim H, Plendl R, Probst F, Oberle D (2011b) Mapping Pragmatic Class Models to Reference Ontologies. In: The 2011 IEEE 27th International Conference on Data Engineering Workshops - 2nd International Workshop on Data Engineering meets the Semantic Web (DESWeb), pp 200–205

Pease A (2011) Suggested Upper Merged Ontology (SUMO). http://www.ontologyportal.org/, accessed April 12th, 2011.

Peng Z, Chen H, Rao J, Liu Y, Wang L, Chen J (2010) Semantic-based Mobile Mashup Platform. In: (Polleres and Chen, 2010)

Pietschmann S (2009) A Model-Driven Development Process and Runtime Platform for Adaptive Composite Web Applications. International Journal On Advances in Internet Technology 2(4):277–288

Pietschmann S, Voigt M, Meißner K (2009a) Dynamic Composition of Service-Oriented Web User Interfaces. In: Proceedings of the 4th International Conference on Internet and Web Applications and Services (ICIW 2009), IEEE, pp 217–222

Pietschmann S, Voigt M, Rümpel A, Meißner K (2009b) CRUISe: Composition of Rich User Interface Services. In: Gaedke M, Grossniklaus M, Díaz O (eds) Proceedings of the 9th International Conference on Web Engineering (ICWE 2009), Springer, LNCS, vol 5648, pp 473–476

Platt DS (2008) Programming Microsoft Composite Application Block and Smart Client Software. Microsoft Press

Polleres A, Chen H (eds) (2010) Proceedings of the ISWC 2010 Posters & Demonstrations Track: Collected Abstracts, CEUR-WS, vol 658

Potter R, Wright H (2006) An Ontological Approach to Visualization Resource Management. In: Doherty GJ, Blandford A (eds) Interactive Systems. Design, Specification, and Verification, 13th International Workshop, DSVIS 2006, Dublin, Ireland, July 26-28, 2006. Revised Papers, Springer, LNCS, vol 4323, pp 151–156

Probst F, Ziegert T (2010) SoKNOS Deliverable D1.10 - Ausführliche SoKNOS Dokumentation

Protégé Community of Practice (2010) SWRLEditor FAQ. http://protege.cim3.net/cgi-bin/wiki.pl?SWRLEditorFAQ, accessed May 4th, 2011.

Puerta A, Eisenstein J (2001) XIML: A Universal Language for User Interfaces. http://www.ximl.org/documents/XimlWhitePaper.pdf, accessed April 12th, 2011.

Puerta A, Eisenstein J (2002) XIML: a common representation for interaction data. In: IUI '02: Proceedings of the 7th international conference on Intelligent user interfaces, ACM, pp 214–215

Puleston C, Parsia B, Cunningham J, Rector A (2008) Integrating Object-Oriented and Ontological Representations: A Case Study in Java and OWL. In: (Sheth et al, 2008), pp 130–145

Quasthoff M, Meinel C (2009) Design Pattern for Object Triple Mapping. In: 2009 IEEE International Conference on Services Computing (SCC 2009), 21-25 September 2009, Bangalore, India, IEEE Computer Society, pp 443–450

Rafatirad S, Gupta A, Jain R (2009) Event composition operators: ECO. In: EiMM '09: Proceedings of the 1st ACM international workshop on Events in multimedia, ACM, pp 65–72

Rao R (2009) JBoss Portal Server Development. Packt Publishing
Rauschmayer A (2005) Semantic-Web-Backed GUI Applications. In: Proceedings of the ISWC 2005 Workshop on End User Semantic Web Interaction
Rebstock M, Fengel J, Paulheim H (2008) Ontologies-based Business Integration. Springer
Red Hat, Inc (2011) Cygwin Information and Installation. http://www.cygwin.com/, accessed April 12th, 2011.
RedWhale Software (2000) The XIML Specification. Available as part of the XIML Starter Kit version 1, available at http://www.ximl.org/download/step1.asp, accessed April 12th, 2011.
Reed S (2007) Semantic Annotation for Persistence. In: Proceedings of AAAI2007's Workshop on Semantic e-Science
Ross PE (2005) 5 Commandments. IEEE Spectrum 40(12):30–35
RSS Advisory Board (2009) RSS 2.0 Specification (version 2.0.11). http://www.rssboard.org/rss-specification, accessed April 12th, 2011.
Rubel D (2006) The Heart of Eclipse. ACM Queue 4(8):36–44
Ruiz F, Hilera JR (2006) Using Ontologies in Software Engineering and Technology. In: (Calero et al, 2006), chap 2, pp 49–102
Russell S, Norvig P (2010) Artificial Intelligence: A Modern Approach, 3rd edn. Pearson Education
Rutledge L, mc schraefel, Bernstein A, Degler D (eds) (2006) Procedings of the The 3rd International Semantic Web User Interaction Workshop (SWUI06) Workshop
Sahoo SS, Halb W, Hellmann S, Idehen K, Jr TT, Auer S, Sequeda J, Ezzat A (2009) A Survey of Current Approaches for Mapping of Relational Databases to RDF. http://www.w3.org/2005/Incubator/rdb2rdf/RDB2RDF_SurveyReport.pdf, accessed April 12th, 2011.
SAP AG (2011) SAP - Components & Tools of SAP Netweaver: SAP Netweaver Portal. http://www.sap.com/platform/netweaver/components/portal/index.epx, accessed April 12th, 2011.
Sauermann L, Bernardi A, Dengel A (2005) Overview and Outlook on the Semantic Desktop. In: (Decker et al, 2005)
Saxon S (2003) XPath Querying Over Objects with ObjectXPathNavigator. http://msdn.microsoft.com/en-us/library/ms950764.aspx, accessed April 12th, 2011.
Scerri S, Davis B, Handschuh S, Hauswirth M (2009) Semanta - Semantic Email Made Easy. In: (Aroyo et al, 2009), pp 36–50
Schefström D (1999) System Development Environments: Contemporary Concepts. In: Schefström D, van den Broek G (eds) Tool Integration - Environments and Frameworks, John Wiley & Sons Ltd.
Scheifler RW, Gettys J (1986) The X Window System. ACM Transactions on Graphics 5(2):79–109
Schmidt B, Stoitsev T, Mühlhäuser M (2010) Activity-centric Support for Weakly-structured Business Processes. In: (Sukaviriya et al, 2010), pp 251–260
Schmidt KU, Anicic D, Stühmer R (2008a) Event-driven Reactivity: A Survey and Requirements Analysis. In: Proceedings of the 3rd International Workshop on Semantic Business Process Management
Schmidt KU, Dörflinger J, Rahmani T, Sahbi M, Stojanovicand L, Thomas SM (2008b) An User Interface Adaptation Architecture for Rich Internet Applications. In: (Bechhofer et al, 2008), pp 736–750
Schmitt N, Niepert M, Stuckenschmidt H (2010) BRAMBLE: A Web-based Framework for Interactive RDF-Graph Visualisation. In: (Polleres and Chen, 2010)
mc schraefel, Karger D (2006) The Pathetic Fallacy of RDF. In: (Rutledge et al, 2006)
Seaborne A, Steer D, Williams S (2007) SQL-RDF. http://www.w3.org/2007/03/RdfRDB/papers/seaborne.html, accessed April 12th, 2011.
Seeling C, Becks A (2003) Exploiting metadata for ontology-based visual exploration of weakly structured text documents. In: Seventh International Conference on Information Visualization (IV 2003), pp 652–657

Sergevich KA, Viktorovna GV (2003) From an Ontology-Oriented Approach Conception to User Interface Development. International Journal "Information Theories and Applications" 10(1):89–98

Shadbolt N, Berners-Lee T, Hall W (2006) The Semantic Web Revisited. IEEE Intelligent Systems 21(3):96–101

Shaer O, Jacob RJ (2009) A Specification Paradigm for the Design and Implementation of Tangible User Interfaces. ACM Transactions on Computer-Human Interaction 16:1–39

Shahzad SK, Granitzer M (2010) Ontological Framework Driven GUI Development. In: Proceedings of I-KNOW, pp 198–206

Sheth AP, Staab S, Dean M, Paolucci M, Maynard D, Finin TW, Thirunarayan K (eds) (2008) The Semantic Web - ISWC 2008, LNCS, vol 5318, Springer

Shneiderman B (1984) Response Time and Display Rate in Human Performance with Computers. ACM Computing Surveys 16(3):265–285

Shvaiko P, Euzenat J (2008) Ten Challenges for Ontology Matching. In: On the Move to Meaningful Internet Systems: OTM 2008, Springer, LNCS, vol 5332, pp 1164–182

Shvaiko P, Euzénat J, Giunchiglia F, Stuckenschmidt H, Mao M, Cruz IF (eds) (2010) Proceedings of the The Fifth International Workshop on Ontology Matching (OM-2010), CEUR-WS, vol 689

Pinheiro da Silva P, McGuinness D, Del Rio N, Ding L (2008) Inference Web in Action: Lightweight Use of the Proof Markup Language. In: (Sheth et al, 2008), pp 847–860

Silva V (2009) Practical Eclipse Rich Client Platform Projects. Apress

Simon R, Kapsch MJ, Wegscheider F (2004) A Generic UIML Vocabulary for Device- and Modality Independent User Interfaces. In: WWW Alt. '04: Proceedings of the 13th international World Wide Web conference on Alternate track papers & posters, ACM, pp 434–435

Sirin E, Parsia B, Grau BC, Kalyanpur A, Katz Y (2007) Pellet: A practical OWL-DL reasoner. Journal of Web Semantics: Science, Services and Agents on the World Wide Web 5(2):51–53

Skovronski J, Chiu K (2006) An Ontology-Based Publish Subscribe Framework. In: Proceedings of the 8th International Conference on Information Integration and Web-based Applications & Services (iiWAS2006)

Software AG (2011) ARIS MashZone - Cool Business Mashups. http://www.mashzone.com/, accessed April 12th, 2011.

SoKNOS Consortium (2009) SoKNOS – Service-orientierte ArchiteKturen zur Unterstützung von Netzwerken im Rahmen Oeffentlicher Sicherheit. http://www.soknos.de/, accessed April 12th, 2011.

Sonntag D, Deru M, Bergweiler S (2009) Design and Implementation of Combined Mobile and Touchscreen-based Multimodal Web 3.0 Interfaces. In: Arabnia HR, de la Fuente D, Olivas JA (eds) Proceedings of the 2009 International Conference on Artificial Intelligence (ICAI 2009), CSREA Press, pp 974–979

Souchon N, Vanderdonckt J (2003) A Review of XML-compliant User Interface Description Languages. In: Interactive Systems. Design, Specification, and Verification, Springer, LNCS, vol 2844, pp 377–391

Sousa K (2009) Model-Driven Approach for User Interface - Business Alignment. In: (Calvary et al, 2009), pp 325–328

Sowa JF (2000) Knowledge Representation: Logical, Philosophical, and Computational Foundations. Brooks Cole Publishing Co.

Spahn M, Kleb J, Grimm S, Scheidl S (2008) Supporting business intelligence by providing ontology-based end-user information self-service. In: OBI '08: Proceedings of the first international workshop on Ontology-supported business intelligence, ACM, pp 1–12

Spyns P, Meersmanand R, Jarrar M (2002) Data modelling versus ontology engineering. SIGMOD Rec 31(4):12–17

Staab S, Studer R (eds) (2009) Handbook on Ontologies, 2nd edn. International Handbooks on Information Systems, Springer

Stachowiak H (1973) Allgemeine Modelltheorie. Springer

Stadlhofer B, Salhofer P (2008) SeGoF: semantic e-government forms. In: Proceedings of the 2008 international conference on Digital government research, Digital Government Society of North America, pp 427–428

Steinberg D, Budinsky F, Paternostro M, Merks E (2008) EMF: Eclipse Modeling Framework, 2nd edn. Addison Wesley

Story H (2009) Sommer - Semantic Object (Medata) Mapper. https://sommer.dev.java.net/, accessed April 12th, 2011.

Stuckenschmidt H, Klein M (2003) Integrity and Change in Modular Ontologies. In: Proceedings of the 18th International Joint Conference on Artificial intelligence, pp 900–905

Stühmer R, Anicic D, Sen S, Ma J, Schmidt KU, Stojanovic N (2009) Lifting Events in RDF from Interactions with Annotated Web Pages. In: Bernstein A, Karger DR, Heath T, Feigenbaum L, Maynard D, Motta E, Thirunarayan K (eds) The Semantic Web - ISWC 2009, Springer, LNCS, vol 5823, pp 893–908

Su X, Ilebrekke L (2006) A Comparative Study of Ontology Languages and Tools. In: Pidduck A, Ozsu M, Mylopoulos J, Woo C (eds) Advanced Information Systems Engineering, LNCS, vol 2348, Springer Berlin / Heidelberg, pp 761–765

Sukaviriya N, Vanderdonckt J, Harrison M (eds) (2010) Proceedings of the 2nd ACM SIGCHI Symposium on Engineering Interactive Computing Systems (EICS 2010), ACM

Sun Microsystems (2010) Annotations. http://java.sun.com/j2se/1.5.0/docs/guide/language/annotations.html, accessed April 12th, 2011.

Sure Y, Erdmann M, Angele J, Staab S, Studer R, Wenke D (2002) OntoEdit: Collaborative Ontology Development for the Semantic Web. In: Horrocks I, Hendler J (eds) The Semantic Web - ISWC 2002, Springer Berlin / Heidelberg, LNCS, vol 2342, pp 221–235

Swartz A (2002) TRAMP: Makes RDF look like Python data structures. http://www.aaronsw.com/2002/tramp/, accessed April 12th, 2011.

Szyperski C (2002) Component Software - Beyond Object-Oriented Programming, 2nd edn. ACM Press

Tane J, Schmitz C, Stumme G (2004) Semantic resource management for the web: an e-learning application. In: WWW Alt. '04: Proceedings of the 13th international World Wide Web conference on Alternate track papers & posters, ACM, pp 1–10

TeamDev Ltd (2011) ComfyJ Website. http://www.teamdev.com/comfyj/, accessed April 12th, 2011.

Terenziani P, Anselma L (2003) Towards a Temporal Reasoning Approach Dealing with Instance-of, Part-of, and Periodicity. In: Proceedings of the 10th International Symposium on Temporal Representation and Reasoning, and Fourth International Conference on Temporal Logic, pp 37–46

Terziev I, Kiryakov A, Manov D (2005) Base upper-level ontology (BULO) Guidance. http://proton.semanticweb.org/D1_8_1.pdf, deliverable D1.8.1 of the SEKT project. Accessed April 12th, 2011.

Teymourian K, Paschke A (2009) Towards semantic event processing. In: DEBS '09: Proceedings of the Third ACM International Conference on Distributed Event-Based Systems, ACM, pp 1–2

The Dojo Foundation (2011) The Dojo Toolkit - Unbeatable JavaScript Tools. http://dojotoolkit.org/, accessed April 12th, 2011.

The Lobo Project (2009) The Lobo Project: Home of Lobo (Java Web Browser) and Cobra (HTML Rendering Engine). http://lobobrowser.org/, accessed April 12th, 2011.

Tsarkov D, Horrocks I (2006) FaCT++ Description Logic Reasoner: System Description. In: Furbach U, Shankar N (eds) Automated Reasoning, LNCS, vol 4130, Springer Berlin / Heidelberg, pp 292–297

Turhan AY (2010) Reasoning and Explanation in EL and in Expressive Description Logics. In: (Aßmann et al, 2010), pp 1–27

UIMLorg (2000) Formal Vocabulary Definitions of UIML Vocabularies. http://uiml.org/toolkits/, accessed April 12th, 2011.

Unicode Inc (2011) Unicode 6.0.0. http://www.unicode.org/versions/Unicode6.0.0/, accessed April 12th, 2011.

Uschold M, Grüninger M (1996) Ontologies: Principles, Methods and Applications. Knowledge Engineering Review 11:93–136
Uschold M, Grüninger M (2004) Ontologies and Semantics for Seamless Connectivity. SIGMOD Record 33(4):58–64
Uschold M, Jasper R (1999) A framework for understanding and classifying ontology applications. In: Proceedings of the IJCAI99 Workshop on Ontologies, pp 16–21
Uschold M, King M (1995) Towards a Methodology for Building Ontologies. In: Workshop on Basic Ontological Issues in Knowledge Sharing
UsiXML Consortium (2007) USer Interface eXtensible Markup Language V1.8 Reference Manual. http://www.usixml.org/index.php?mod=download&file=usixml-doc/UsiXML_v1.8.0-Documentation.pdf, accessed April 12th, 2011.
Vanderdonckt J (2000) XIML Specification of a simple dictionary. Available as part of the XIML Starter Kit version 1, available at http://www.ximl.org/download/step1.asp, accessed April 12th, 2011.
Vanderdonckt J (2005) A MDA-Compliant Environment for Developing User Interfaces of Information Systems. In: Proceedings of the 17th Conference on Advanced Information Systems Engineering (CAiSE'05), Springer, pp 13–17
VersaEdge Software (2011) JFlashPlayer Web Page. http://www.jpackages.com/jflashplayer, accessed April 12th, 2011.
Voigt K, Ivanov P, Rummler A (2010) MatchBox: Combined Meta-model Matching for Semi-automatic Mapping Generation. In: Proceedings of the 2010 ACM Symposium on Applied Computing, ACM, pp 2281–2288
Völkel M, Sure Y (2005) RDFReactor - From Ontologies to Programmatic Data Access. In: Posters and Demos at International Semantic Web Conference (ISWC) 2005, Galway, Ireland
Völkel M, Krötzsch M, Vrandecic D, Haller H, Studer R (2006) Semantic Wikipedia. In: WWW '06: Proceedings of the 15th international conference on World Wide Web, ACM, pp 585–594
W3C (2001) DAML+OIL Web Ontology Language. http://www.w3.org/Submission/2001/12/, accessed April 12th, 2011.
W3C (2004a) OWL-S: Semantic Markup for Web Services. http://www.w3.org/Submission/OWL-S/, accessed April 12th, 2011.
W3C (2004b) OWL Web Ontology Language Overview. http://www.w3.org/TR/owl-features/, accessed April 12th, 2011.
W3C (2004c) RDF Primer. http://www.w3.org/TR/rdf-primer/, accessed April 12th, 2011.
W3C (2004d) RDF Vocabulary Description Language 1.0: RDF Schema. http://www.w3.org/TR/rdf-schema/, accessed April 12th, 2011.
W3C (2004e) Resource Description Framework (RDF): Concepts and Abstract Syntax. http://www.w3.org/TR/rdf-concepts/, accessed April 12th, 2011.
W3C (2004f) SWRL: A Semantic Web Rule Language Combining OWL and RuleML. http://www.w3.org/Submission/SWRL/, accessed April 12th, 2011.
W3C (2005a) Web Service Execution Environment (WSMX). http://www.w3.org/Submission/WSMX/, accessed April 12th, 2011.
W3C (2005b) Web Service Modeling Language (WSML). http://www.w3.org/Submission/WSML/, accessed April 12th, 2011.
W3C (2005c) Web Service Modeling Ontology (WSMO). http://www.w3.org/Submission/WSMO/, accessed April 12th, 2011.
W3C (2005d) Web Service Semantics - WSDL-S. http://www.w3.org/Submission/WSDL-S/, accessed April 12th, 2011.
W3C (2007a) RDF Validation Service. http://www.w3.org/RDF/Validator/, accessed April 12th, 2011.
W3C (2007b) Semantic Annotations for WSDL and XML Schema. http://www.w3.org/TR/sawsdl/, accessed April 12th, 2011.
W3C (2007c) SOAP Specifications. http://www.w3.org/TR/soap/, accessed April 12th, 2011.

W3C (2007d) Web Services Description Language (WSDL) Version 2.0. http://www.w3.org/TR/wsdl20/, accessed April 12th, 2011.
W3C (2008a) Best Practice Recipes for Publishing RDF Vocabularies. http://www.w3.org/TR/swbp-vocab-pub/, accessed April 12th, 2011.
W3C (2008b) Extensible Markup Language (XML) 1.0 (Fifth Edition). http://www.w3.org/TR/xml/, accessed April 12th, 2011.
W3C (2008c) RDFa in XHTML: Syntax and Processing. http://www.w3.org/TR/rdfa-syntax/, accessed April 12th, 2011.
W3C (2008d) SPARQL Query Language for RDF. http://www.w3.org/TR/rdf-sparql-query/, accessed April 12th, 2011.
W3C (2009a) OWL 2 Web Ontology Language – New Features and Rationale. http://www.w3.org/TR/2009/REC-owl2-new-features-20091027/, accessed April 12th, 2011.
W3C (2009b) OWL 2 Web Ontology Language - Manchester Syntax. http://www.w3.org/TR/owl2-manchester-syntax/, accessed April 12th, 2011.
W3C (2009c) OWL 2 Web Ontology Language - Structural Specification and Functional-Style Syntax. http://www.w3.org/TR/owl2-syntax/, accessed April 12th, 2011.
W3C (2009d) SPARQL New Features and Rationale. http://www.w3.org/TR/sparql-features/, accessed April 12th, 2011.
W3C (2009e) XForms 1.1. http://www.w3.org/TR/xforms/l, accessed April 12th, 2011.
W3C (2010a) Cascading Style Sheets Level 2 Revision 1 (CSS 2.1) Specification. http://www.w3.org/TR/CSS2/, accessed April 12th, 2011.
W3C (2010b) RIF Overview. http://www.w3.org/TR/rif-overview/, accessed April 12th, 2011.
W3C (2010c) Voice Extensible Markup Language (VoiceXML) 3.0. http://www.w3.org/TR/voicexml30/, accessed April 12th, 2011.
W3C (2010d) XML Path Language (XPath) 2.0 (Second Edition). http://www.w3.org/TR/xpath20/, accessed April 12th, 2011.
W3C (2011a) Accessible Rich Internet Applications (WAI-ARIA) 1.0. http://www.w3.org/TR/wai-aria/, accessed April 12th, 2011.
W3C (2011b) HTML5 – A vocabulary and associated APIs for HTML and XHTML. http://www.w3.org/TR/html5/, accessed April 12th, 2011.
Wagner A, Curran P, O'Brien R (1995) Drag Me, Drop Me, Treat Me Like an Object. In: CHI '95: Proceedings of the SIGCHI conference on Human factors in computing systems, ACM, pp 525–530
Wagner J, Babi F, Bednar P (2009) Java RDF framework for knowledge repository. In: 7th International Symposium on Applied Machine Intelligence and Informatics (SAMI 2009), pp 99–102
Wang J, Jin B, Li J (2004) An ontology-based publish/subscribe system. In: Middleware '04: Proceedings of the 5th ACM/IFIP/USENIX international conference on Middleware, Springer New York, Inc., pp 232–253
Wang Y, Haase P, Bao J (2007) A Survey of Formalisms for Modular Ontologies. In: International Joint Conference on Artificial Intelligence 2007 (IJCAI'07) Workshop SWeCKa
Wege C (2002) Portal Server Technology. IEEE Internet Computing 6(3):73–77
Weiss W, Hausenblas M, Sprung G (2008) Visual Exploration, Query, and Debugging of RDF Graphs. In: Semantic Web User Interaction at CHI 2008
Weithöner T, Liebig T, Luther M, Böhn S, von Henke F, Noppens O (2007) Real-World Reasoning with OWL. In: Franconi E, Kifer M, May W (eds) The Semantic Web: Research and Applications, LNCS, vol 4519, Springer Berlin / Heidelberg, pp 296–310
Westermann U, Jain R (2007) Toward a Common Event Model for Multimedia Applications. IEEE MultiMedia 14(1):19–29
Wiederhold G, Genesereth M (1997) The Conceptual Basis for Mediation Services. IEEE Expert 12(5):38 –47

Wilkinson K, Sayers C, Harumi K, Reynolds D (2003) Efficient RDF Storage and Retrieval in Jena2. In: Cruz IF, Kashyap V, Decker S (eds) Proceedings of the First International Workshop on Semantic Web and Databases, pp 131–150

Williamson CL, Zurko ME, Patel-Schneider PF, Shenoy PJ (eds) (2007) Proceedings of the 16th International Conference on World Wide Web, WWW 2007, Banff, Alberta, Canada, May 8-12, 2007, ACM

Willis D, Pearce D, Noble J (2006) Efficient Object Querying for Java. In: Thomas D (ed) ECOOP 2006 – Object-Oriented Programming, LNCS, vol 4067, Springer Berlin / Heidelberg, pp 28–49

Wireless Application Protocol Forum, Ltd (2001) Wireless Markup Language Version 2.0. http://www.openmobilealliance.org/tech/affiliates/wap/wap-238-wml-20010911-a.pdf, accessed April 12th, 2011.

Xu P, Wang Y, Cheng L, Zang T (2010) Alignment Results of SOBOM for OAEI 2010. In: (Shvaiko et al, 2010)

Yahoo! Inc (2011) Pipes: Rewire the web. http://pipes.yahoo.com/pipes/, accessed April 12th, 2011.

Yee R (2008) Pro Web 2.0 Mashups: Remixing Data and Web Services. Apress

Young GO, Daley E, Gualtieri M, Lo H, Ashour M (2008) The Mashup Opportunity – How To Make Money In The Evolving Mashup Ecosystem. http://www.forrester.com/rb/Research/mashup_opportunity/q/id/44213/t/2, accessed April 12th, 2011.

Yu J, Benatallah B, Saint-Paul R, Casati F, Daniel F, Matera M (2007) A framework for rapid integration of presentation components. In: (Williamson et al, 2007), pp 923–932

Yu J, Benatallah B, Casati F, Daniel F (2008) Understanding Mashup Development. IEEE Internet Computing 12(5):44–52

Zyk C (2008) JSON Referencing in Dojo. http://www.sitepen.com/blog/2008/06/17/json-referencing-in-dojo/, accessed April 12th, 2011.

Index