

## Irodalom

- [1] Sharon Adler. Extensive Stylesheet Language (XSL). <http://www.w3.org/TR/xsl>, 2001. W3C recommendation.
- [2] Aduna BV. Sesame. <http://www.openrdf.org/>.
- [3] Apache Software Foundation. Formatting object processor. <http://xml.apache.org/fop/>.
- [4] F. Baader, D. Calvanese, D. McGuinness, D. Nardi, and P. F. Patel-Schneider, editors. *The Description Logic Handbook: Theory, Implementation and Applications*. Cambridge University Press, 2003.
- [5] F. Baader and U. Sattler. Expressive number restrictions in description logics. *Journal of Logic and Computation*, 9(3):319–350, 1999.
- [6] BEA Liquid Data. [http://www.bea.com/framework.jsp?CNT=index.htm&FP=/content/products/liquid\\_data](http://www.bea.com/framework.jsp?CNT=index.htm&FP=/content/products/liquid_data).
- [7] BEA WebLogic Integration. <http://www.bea.com/framework.jsp?CNT=index.htm&FP=/content/products/integrate>.
- [8] Sean Bechhofer. OWL web ontology language reference. W3C recommendation, February 2004.
- [9] Sean Bechhofer, Ian Horrocks, Carole Goble, and Robert Stevens. OilEd: a reasonable ontology editor for the Semantic Web. In *Proceedings of KI2001, Joint German/Austrian conference on Artificial Intelligence*, number 2174 in Lecture Notes in Computer Science, pages 396–408, Vienna, September 2001. Springer-Verlag.
- [10] Dave Beckett. RDF/XML syntax specification. W3C working draft, November 2002.
- [11] Dave Beckett. RDF/XML syntax specification (revised). W3C recommendation, February 2004.
- [12] Dave J. Beckett. The design and implementation of the redland RDF application framework. In *World Wide Web*, pages 449–456, 2001. <http://citeseer.ist.psu.edu/beckett01design.html>.

- [13] Tim Berners-Lee. Ideas about Web architecture – yet another notation, Notation 3. <http://www.w3.org/DesignIssues/Notation3.html>, 1998.
- [14] Tim Berners-Lee, R. Fielding, U.C. Irvine, and L. Masinter. RFC2396. <http://www.ietf.org/rfc/rfc2396.txt>, August 1998. Uniform Resource Identifiers (URI): Generic Syntax.
- [15] Alexander Borgida and Peter F. Patel-Schneider. A semantics and complete algorithm for subsumption in the CLASSIC description logic. *JAIR*, 1:277–308, 1994.
- [16] Dan Brickley, R.V. Guha, and Brian McBride. RDF Vocabulary Description Language 1.0: RDF Schema. W3C recommendation, February 2004.
- [17] Sergey Brin and Lawrence Page. The anatomy of a large-scale hypertextual Web search engine. *Computer Networks and ISDN Systems*, 30(1–7):107–117, 1998. <http://citeseer.ist.psu.edu/brin98anatomy.html>.
- [18] brindsys. WinRSS. <http://www.brindys.com/iuk/index.html>. Syndicated news feeds reader.
- [19] Jamie Callan and Margaret Connell. Query-based sampling of text databases. *ACM Trans. Inf. Syst.*, 19(2):97–130, 2001.
- [20] Diego Calvanese, Maurizio Lenzerini, and Daniele Nardi. Description logics for conceptual data modeling. In Jan Chomicki and Günter Saake, editors, *Logics for Databases and Information Systems*, pages 229–264. Kluwer Academic Publisher, 1998.
- [21] Carnegie Group, Inc., Pittsburgh (Pennsylvania, U.S.A.). *Carnegie Representation Language*, 1986. Knowledge Craft User's Manual.
- [22] P. P. Chen. The entity-relational model: Toward a unified view of data. *ACM Transactions on Database Systems*, 1(1):9–36, 1976.
- [23] James Clark. XML Transformations (XSLT). <http://www.w3.org/TR/xslt>, 1999. W3C recommendation.
- [24] Willem Conradie. The Beth property for the modal logic of graded modalities, with an application to the description logic  $\mathcal{ALCQ}$ . In *Proceedings of the Eighth ESSLLI Student Session*, pages 59–68, 2003.
- [25] Steve DeRose and James Clark. XML Path Language (XPath). <http://www.w3.org/TR/xpath>, 1999. W3C recommendation.
- [26] A. Dovier, E. Omoteo, E. Pontelli, and G. Rossi. {log}: A Language for Programming in Logic with Finite Sets. *Journal of Logic Programming*, 28(1):1–44, 1996.
- [27] Dublin Core Metadata Initiative. Dublin Core. <http://dublincore.org/>.
- [28] Michael Eisfeld. Model construction for configuration design. In *Proceedings of the Workshop of Applications of Description Logics*. Technical University of Dresden, Germany, 2002.
- [29] Joseph E. Fasel, Paul Hudak, and John Peterson. *A Gentle Introduction to Haskell 98*, 1999.
- [30] C. Fellbaum. Wordnet an electronic lexical database. <http://citeseer.ist.psu.edu/lin98wordnet.html>, 1998. Christiane Fellbaum, editor. 1998. WordNet An Electronic Lexical Database. The MIT Press.

- [31] Ferenczi Miklós. *Matematikai Logika*. Műszaki Könyvkiadó, Budapest, 2002.
- [32] Fourthought, Inc. 4suite: an open-source platform for XML and RDF processing. <http://4suite.org>.
- [33] N. Freed. RFC2045. <http://www.faqs.org/rfcs/rfc2045.html>, November 1996. Multipurpose Internet Mail Extensions (MIME).
- [34] Th. Fruehwirth. Theory and Practice of Constraint Handling Rules. In P. Stuckey and K. Marriot, editors, *Journal of Logic Programming*, volume 37(1–3), pages 95–138, October 1998.
- [35] GALEN (Generalised Architecture for Languages, Encyclopaedias and Nomenclatures in Medicine). <http://www.opengalen.org/>.
- [36] Google. Google Scholar. <http://scholar.google.com/>.
- [37] R.V. Guha. rdfDB: An RDF database. <http://guha.com/rdfdb>.
- [38] R.V. Guha and Patrick Hayes. LBase: Semantics for languages of the semantic web. W3C note, October 2003.
- [39] R.V. Guha, Ora Lassila, Eric Miller, and Dan Brickley. Enabling inferencing. <http://www.w3.org/TandS/QL/QL98/pp/enabling.html>, 1998. W3C Query Languages meeting in Boston, December 3-4th 1998.
- [40] Volker Haarslev and Ralf Möller. *RACER User's Guide and Reference Manual Version 1.7.19*. Concordia University, Montreal, Canada, 2003.
- [41] David Hawking and Nick Craswell. Very large scale retrieval and web search. In Ellen Voorhees and Donna Harman, editors, *TREC: Experiment and Evaluation in Information Retrieval*. MIT Press, 2005. [http://es.csiro.au/pubs/trecbook\\_for\\_website.pdf](http://es.csiro.au/pubs/trecbook_for_website.pdf).
- [42] P. Hayes. RDF semantics, February 2004. W3C recommendation.
- [43] P. Hayes and C. Menzel. A semantics for the knowledge interchange format. In *Proceedings of Workshop on the IEEE Standard Upper Ontology*, 2001.
- [44] Y. L. Hedley, M. Younas, A. James, and M. Sanderson. A two-phase sampling technique for information extraction from hidden web databases. In *WIDM '04: Proceedings of the 6th annual ACM international workshop on Web information and data management*, pages 1–8. ACM Press, 2004.
- [45] Kevin Hemenway. Amphetadesk. <http://disobey.com/amphetadesk/>. Syndicated news aggregator.
- [46] Hewlett-Packard Development Company. Jena toolkit. <http://jena.sf.net/>.
- [47] Bernhard Hollunder. Consistency checking reduced to satisfiability of concepts in terminological systems. *Annals of Mathematics and Artificial Intelligence*, 18:95–131, 1996.
- [48] I. Horrocks. *Optimising Tableaux Decision Procedures for Description Logics*. PhD thesis, University of Manchester, 1997.
- [49] I. Horrocks. The FaCT system. In H. de Swart, editor, *Automated Reasoning with Analytic Tableaux and Related Methods: International Conference Tableaux'98*, number 1397 in Lecture Notes in Artificial Intelligence, pages 307–312.

- Springer-Verlag, 1998. <http://www.cs.man.ac.uk/~horrocks/Publications/download/1998/t98-paper.ps.gz>.
- [50] I. Horrocks and P.F. Patel-Schneider. Reducing OWL entailment to description logic satisfiability. In *Proc. Second International Semantic Web Conference (ISWC2003)*, 2003.
  - [51] I. Horrocks and U. Sattler. A description logic with transitive and inverse roles and role hierarchies. In Enrico Franconi, editor, *1998 International Workshop on Description Logics (DL'98)*, 1998.
  - [52] I. Horrocks and U. Sattler. Ontology reasoning in the  $\mathcal{SHOQ(D)}$  description logic. In *Proceedings of the Seventeenth International Joint Conference on Artificial Intelligence*, 2001.
  - [53] I. Horrocks and U. Sattler. Decidability of  $\mathcal{SHIQ}$  with complex role inclusion axioms. LTCS-Report LTCS-02-06, Chair for Automata Theory, Institute for Theoretical Computer Science, Dresden University of Technology, Germany, 2002.
  - [54] I. Horrocks and U. Sattler. Optimised reasoning for  $\mathcal{SHIQ}$ . In *Proc. of the 15th European Conference on Artificial Intelligence*, 2002.
  - [55] I. Horrocks, U. Sattler, and S. Tobies. A description logic with transitive and converse roles, role hierarchies and qualifying number restrictions. LTCS-Report LTCS-99-08, LuFG Theoretical Computer Science, RWTH Aachen, 1999. Revised version. See <http://www-lti.informatik.rwth-aachen.de/Forschung/Reports.html>.
  - [56] I. Horrocks, U. Sattler, and S. Tobies. Practical reasoning for expressive description logics. In H. Ganzinger, D. McAllester, and A. Voronkov, editors, *Proceedings of the 6th International Conference on Logic for Programming and Automated Reasoning (LPAR'99)*, number 1705 in Lecture Notes in Artificial Intelligence, pages 161–180. Springer-Verlag, 1999.
  - [57] Ian Horrocks. Implementation and optimization techniques. In *The Description Logic Handbook: Theory, Implementation and Applications*, pages 306–346. Cambridge University Press, 2003.
  - [58] Ian Horrocks. Three Theses of Representation in the Semantic Web. In *Proceedings of WWW2003, The Twelfth International World Wide Web Conference*, pages 39–47, Budapest, May 2003. Association for Computing Machinery.
  - [59] Internet Archive. <http://www.archive.org/>.
  - [60] ISO Prolog standard. <http://pauillac.inria.fr/~deransar/prolog/>, 1995. ISO/IEC 13211-1.
  - [61] J. Jaffar and S. Michaylov. Methodology and Implementation of a CLP system. In J.L. Lassez, editor, *Logic Programming - Proceedings of the 4th International Conference*, volume 1. MIT Press, Cambridge, MA, 1987.
  - [62] Java Database Connectivity. <http://java.sun.com/products/jdbc/>.
  - [63] Kiegészítő anyagok „A szemantikus világháló elmélete és gyakorlata” c. könyvhöz. [http://www.cs.bme.hu/~szeredi/szemweb\\_konyv/](http://www.cs.bme.hu/~szeredi/szemweb_konyv/).

- [64] Graham Klyne and Jeremy J. Carroll. Resource Description Framework (RDF) concepts and abstract syntax. W3C recommendation, January 2003.
- [65] M. Koster. A method for web robots control. <http://www.robotstxt.org/wc/norobots-rfc.html>, 1996. Technical report, Internet Engineering Task Force (IETF).
- [66] O. Lassila. Enabling semantic web programming by integrating rdf and common lisp. <http://citeseer.ist.psu.edu/lassila01enabling.html>, 2001.
- [67] Dik L. Lee, Huei Chuang, and Kent Seamons. Document ranking and the vector-space model. *IEEE Softw.*, 14(2):67–75, 1997.
- [68] Lukácsy Gergely. RDF alapú források intelligens kezelése. Budapesti Műszaki és Gazdaság tudományi Egyetem, 2003. Diplomamunka.
- [69] Massimo Marchiori. Metalog. <http://www.w3.org/RDF/Metalog/>. Research paper.
- [70] O. A. McBryan. GENVL and WWW: Tools for taming the web. In *In Proceedings of the 1st World-Wide Web Conference (WWW-1)*, pages 58–67. Elsevier, 1994.
- [71] MetaMatrix System. <http://www.metamatrix.com/technology/overview.html>.
- [72] Libby Miller, Andy Seaborne, and Alberto Reggiori. Three implementations of SquishQL, a simple RDF query language. In *ISWC '02: Proceedings of the First International Semantic Web Conference on The Semantic Web*, pages 423–435. Springer-Verlag, 2002.
- [73] Model Driven Architecture. <http://www.omg.org/mda/>.
- [74] Graham Moore and Andy Seaborne. RDF Net API. <http://www.w3.org/Submission/2003/SUBM-rdf-netapi-20031002/>.
- [75] Ralf Möller. Expressive description logics: Foundations for practical applications, 2001. Habilitation Thesis.
- [76] National Institute of Standards and Technology. Text REtrieval Conference. <http://trec.nist.gov/>.
- [77] Bernhard Nebel. Terminological cycles: Semantics and computational properties. In J. Sowa, editor, *Principles of Semantic Networks*. Morgan Kaufmann, 1991.
- [78] Netscape. Open directory project. <http://dmoz.org>.
- [79] N. Noy, R. Fergerson, and M. Musen. The knowledge model of Protege-2000: Combining interoperability and flexibility. <http://citeseer.nj.nec.com/noy01knowledge.html>, 2000.
- [80] OMG IDL, July 1995. <http://www.omg.org/cgi-bin/doc?formal/1998-12-01>.
- [81] Lawrence Page, Sergey Brin, Rajeev Motwani, and Terry Winograd. The page-rank citation ranking: Bringing order to the web. Technical report, Stanford Digital Library Technologies Project, 1998. <http://citeseer.ist.psu.edu/article/page98pagerank.html>.

- [82] Shelley Powers. *Developing ASP Components*. O'Reilly, 2001.
- [83] Dave Raggett, Arnaud Le Hors, and Ian Jacobs. HTML 4.01 specification. W3C recommendation, December 1999.
- [84] U. Sattler. Description logics for ontologies. Technical report, Technical University Dresden, 2003. Habilitationsschrift.
- [85] M. Schmidt-Schaubß and G. Smolka. Attributive concept descriptions with complements. *Artificial Intelligence*, 48:1–26, 1991.
- [86] Manfred Schmidt-Schaubß. Subsumption in KL-ONE is undecidable. In *Proceedings of the first international conference on Principles of knowledge representation and reasoning*, pages 421–431, San Francisco, CA, USA, 1989. Morgan Kaufmann Publishers Inc.
- [87] SOAP version 1.2 part 1: Messaging framework, June 2003. <http://www.w3.org/TR/2003/REC-soap12-part1-20030624/>.
- [88] Stanford Logic Group. Knowledge interchange format. <http://logic.stanford.edu/kif/kif.html>.
- [89] Danny Sullivan. Checking your listing in search engines. October 2001. <http://searchenginewatch.com/webmasters/article.php/2167861>.
- [90] Henry S. Thompson. XML Schema Part 1: Structures. W3C recommendation, October 2004.
- [91] Jeffrey D. Ullman és Jennifer Widom. *Adatbázisrendszerek*. Panem, 1998.
- [92] Unified Modeling Language. <http://www.uml.org/>.
- [93] University of Aberdeen. Qubex. <http://www.cs.abdn.ac.uk/research/AgentCities/QueryByExample/>.
- [94] P. Varga, T. Meszaros, Cs. Dezsényi, and T. P. Dobrowiecki. An ontology-based information retrieval system. In P. W. H. CHung, C. J. Hinde, and M. Ali, editors, *Developments in Applied Artificial Intelligence*, volume 16th International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems (IEA/AIE 2003) of *Lecture Notes in Artificial Intelligence*, pages 359–368. Springer Verlag, 2003.
- [95] WebSphere Business Integration Message Broker. <http://www-306.ibm.com/software/integration/wbimessagebroker/>.
- [96] Stuart Weibel, Jean Godby, Eric Miller, and Ron Daniel. OCLC/NCSA metadata workshop report. OCLC/NCSA Metadata Workshop, March 1–3, 1995, Dublin, Ohio USA, June 1995.
- [97] Jan Wielemaker, Guus Schreiber, and Bob Wielinga. Prolog-based infrastructure for RDF: performance and scalability. In D. Fensel, K. Sycara, and J. Mylopoulos, editors, *The Semantic Web - Proceedings ISWC'03, Sanibel Island, Florida*, pages 644–658, Berlin, Germany, october 2003. Springer Verlag.
- [98] Yahoo! Inc. Yahoo! <http://yahoo.com>.