10 References

[1] Amazon Web service, http://www.amazon.com/

[2] eBay developers program, http://developer.ebay.com/

[3] Google Web APIs, http://www.google.com/apis/

[4] Smart shopping, 2nd place in the competition "Imagine Cup 2004" Germany area, implemented by Naumowicz, et. al.

[5] D. A. Menascé, "QoS Issues in Web Services", *IEEE Internet Computing*, pp. 72-75, Dec. 2002, http://csdl.computer.org/comp/mags/ic/2002/06/w6072abs.htm

[6] W3C, Web services Activity, http://www.w3.org/2002/ws/

[7] Universal Description, Discovery, and Integration, UDDI, http://www.uddi.org

[8] Business Process Execution Language for Web service, http://www-128.ibm.com/developerworks/library/specification/ws-bpel/

[9] Web Services Transactions specifications, http://www-128.ibm.com/developerworks/library/specification/ws-tx/

[10] A. Eberhart and S. Fischer, "Web Services", ISBN 3-446-22530-7, Carl-Hanser-Verlag, 2003.

[11] Mark Little and T. J. Freund, A comparative analysis of WS-C/WS-Tx and OASIS BTP, http://www-128.ibm.com/developerworks/webservices/library/ws-comproto/

[12] Web service Security (WSS), http://www.oasis-open.org/

[13] Web Services Trust Language (WS-Trust), http://www-106.ibm.com/developerworks/library/specification/ws-trust/

[14] Web Services Addressing (WS-Addressing), http://www.w3.org/Submission/ws-addressing/

[15] Web Services Dynamic Discovery (WS-Discovery), http://msdn.microsoft.com/library/en-us/dnglobspec/html/ws-discovery1004.pdf

[16] S. I. Maniatis, E. G. Nikolouzou, and I. S. Venieris, QoS Issues in the Converged 3G Wireless and Wired Networks, IEEE Communications Magazine, Vol.40 No.8, August 2002

[17] H, Ritter, Bedarfsorientierte Dienstgüteunterstützung durch adaptive Endsysteme, Fortschritt-Berichte VDI, Reihe 10, ISBN 3-18-368110-2. VDI-Verlag, Düsseldorf, 2001

[18] T. Voigt, R. Tewari, D. Freimuth, and A. Mehra. Kernel Mechanisms for Service Differentiation in Overloaded Web Servers. 2001 Usenix Annual Technical Conference, Boston, MA, USA, June 2001.

[19] D. Cotroneo, M. Gargiulo, S. Russo, and G. Ventre, Improving the availability of web services, ICSE 2002 Workshop on Architecting Dependable Systems, Orlando, Florida, May, 2002, www.cs.kent.ac.uk/events/conf/2002/wads/Proceedings/cotroneo.pdf

[20] M. Tian, A. Gramm, H. Ritter, and J. Schiller. A Survey of current Approaches towards Specification and Management of Quality of Service for Web Services, PIK 3/04 (Praxis der Informationsverarbeitung und Kommunikation, Fachzeitschrift für den Einsatz von Informationssystemen) Sonderthemenheft "Web services"

[21] H. Kreger, IBM Software Group, Web Service Conceptual Architecture (WSCA 1.0), May 2001, http://dwdemos.dfw.ibm.com/wstk/common/wstkdoc/ettk/wstk/doc/WebServicesArchitecture.pdf

[22] M.P. Papazoglou and D. Georgakopoulos, Service-Oriented Computing, In Communications of the ACM, 46(10):25-28, October 2003, http://www.uvt.nl/infolab/pub/db/

[23] M.Clark, UDDI - The Weather Report, http://www.webservicesarchitect.com/content/articles/clark04print.asp

[24] A ShaikhAli, O. F. Rana, R. Al-Ali, and D W. Walker, UDDIe: An Extended Registry for Web Services, 2003 Symposium on Applications and the Internet Workshops (SAINT'03 Workshops), Orlando, Florida, January 2003, http://csdl.computer.org/comp/proceedings/saint-w/2003/1873/00/18730085abs.htm

[25] M. Ouzzani and B. Bouguettaya, Efficient Access to Web Services, IEEE Internet Computing, 37(3), March, 2004.

[26] G. Saez, A. L. Sliva, and M. Brian Blake, Web Services-Based Data Management: Evaluating the Performance of UDDI registry, Proceedings of the IEEE International Conference on Web Services (ICWS'04), June 6-9, 2004, San Diego, California, USA, http://www.cs.georgetown.edu/~blakeb/pubs/blake_ICWS2004.pdf

[27] F. Curbera, R. Khalaf, N. Mukhi, S. Tai, and S. Weerawarana, The next step in Web services, In Communications of the ACM, 46(10):29-34, October 2003, http://portal.acm.org/citation.cfm?id=944234&jmp=cit&dl=GUIDE&dl=ACM

[28] A. Keller, H. Ludwig (IBM), The WSLA Framework: Specifying and Monitoring of Service Level Agreements for Web Services, IBM research report RC22456, 2002, http://www.research.ibm.com/resources/paper_search.shtml

[29] V. Tosic, B. Pagurek, K. Patel, B. Esfandiari, and W. Ma, Management Applications of the Web Service Offerings Language (WSOL), The 15th International Conference on Advanced Information Systems Engineering(CAiSE'03), Velden, Austria, June 2003, http://www.sce.carleton.ca/~vladimir/publications.html

[30] D. D. Lamanna, J. Skene, and W. Emmerich, SLAng: A language for defining Service Level Agreements, The Ninth IEEE Workshop on Future Trends of Distributed Computing Systems (FTDCS'03), San Juan, Puerto Rico, May 2003, http://csdl.computer.org/comp/proceedings/ftdcs/2003/1910/00/19100100abs.htm

[31] Z. Chen, C. Liang-Tien, B. Silverajan, and L. Bu-Sung, UX – An Architecture Providing QoS-Aware and Federated Support for UDDI, The 2003 International Conference on Web Services (ICWS'03), Las Vegas, Nevada, USA, June 2003, http://www.ntu.edu.sg/home5/PG04878518/ Articles/ICWS03_Paper.pdf

[32] A. Keller and H. Ludwig, Defining and Monitoring Service Level Agreements for dynamic e-Business, The 16th USENIX System Administration Conference (LISA'02), Philadelphia, USA, November 2002, http://www.research.ibm.com/people/a/akeller/#Publications

[33] IBM Emerging Technologies Toolkit, http://www.alphaworks.ibm.com/tech/ettk

[34] D. Belaid, N. Provenzano, and C. Taconet, Dynamic Management of CORBA Trader Federation, 4th USENIX Conference on Object-Orented Technologies and Systems (COOTS), 1998, http://www.usenix.org/publications/library/proceedings/coots98/full_papers/belaid/belaid.pdf

[35] S. Kalepu, S. Krishnaswamy, and S. Loke, Verity: A QoS Metric for Selecting Web Services and Providers1st Web Services Quality Workshop (WQW 2003), in conjunction with IEEE Computer Society 4th International Conference on Web Information Systems Engineering (WISE 2003), Rome, Italy, December 2003, http://alarcos.inf-cr.uclm.es/wqw2003/kalepu%20ABSTRACT.pdf

[36] M. Tian, A. Gramm, T. Naumowicz, H. Ritter, and J. Schiller. A Concept for QoS Integration in Web Services. Fourth International Conference on Web Information Systems Engineering Workshops (WISEW'03) pp. 149-155, 2003, http://doi.ieeecomputersociety.org/10.1109/WISEW.2003.1286797

[37] R. Al-Ali, O. Rana, D. Walker, S. Jha, and S. Sohail, G-QoSM: Grid service discovery using QoS properties, Computing and Informatics Journal, Special Issue on Grid Computing, 21(5), 2003, http://www.cse.unsw.edu.au/~nrl/pub/papers/cijnl.pdf

[38] H. Kreger, IBM Software Group, Web Service Conceptual Architecture (WSCA 1.0), http://dwdemos.dfw.ibm.com/wstk/common/wstkdoc/ettk/wstk/doc/WebServicesArchitecture.pdf

[39] J.F. Barnes, R. Olsson, and R. Pandey Supporting Quality of Service in HTTP Servers in Proceedings of the Seventeenth Annual ACM Symposium on Principles of Distributed Computing 1998 , Puerto Vallarta, Mexico, pp. 247-256, June 1998.

[40] M. Tian, A. Gramm, H. Ritter, J. Schiller, and T. Voigt. QoS-aware cross-layer communication for Mobile Web services with the WS-QoS framework. GI Jahrestagung (2), pp. 286, 2004.

[41] A. Mani and A. Nagarajan. Understanding quality of service for Web services, Jan. 2002, http://www-106.ibm.com/developerworks/library/ws-quality.html.

[42] M. Tian, T. Voigt, T. Naumowicz, H. Ritter, and J. Schiller. Performance Considerations for Mobile Web Services. Elsevier Computer Communications Journal, Volume 27, Issue 11, 1 July 2004, Pages 1097-1105. http://page.mi.fu-berlin.de/~tian/

[43] K. Barr and K. Asanovic, Massachusetts Institute of Technology, Energy Aware Lossless Data Compression, USENIX MobiSys '03, http://www.usenix.org/publications/library/proceedings/mobisys03/tech/barr.html0

[44] A. Gramm. Building WS-QoS - compliant Web services. Institute of Computer Science, Freie Universität Berlin. Technical Report B-04-12, Berlin, Germany 2004

[45] Homepage of the WS-QoS project, http://www.wsqos.net/

[46] An XML Web services solution provider, http:// www.webservicex.net

[47] M. Tian, A. Gramm, H. Ritter, and J. Schiller. Efficient Selection and Monitoring of QoS-Aware Web Services with the WS-QoS Framework. ACM/IEEE/WIC International Conference on Web Intelligence (WI'04), http://doi.ieeecomputersociety.org/10.1109/WI.2004.10084

[48] M. Nabulsi, A concept for QoS aware Web Services, Diploma thesis, 2003

[49] J. Schiller. Mobile Communications 2nd edition, Addison-Wesley, 2003.

[50] M. Cai, S. Ghandeharizadeh, R. Schmidt, and S. Song. A Comparison of Alternative Encoding Mechanisms for Web Services. 13th International Conference on Database and Expert Systems Applications, Aix en Provence, France, September 2002.

[51] NIST Net, National Institute of Standards and Technology, http://snad.ncsl.nist.gov/itg/nistnet/

[52] G. Banga and P. Druschel. Measuring the capacity of a web server. Usenix Symposium on Internet Technologies and Systems, December 1997.

[53] R. Chakravorty, J. Cartwright, and I. Pratt. Practical Experience with TCP over GPRS. IEEE GLOBECOM 2002, Taipei, Taiwan, Nov. 2002.

[54] NET Framework class library, version 1.1.4322, November 15, 2002.

[55] SharpZipLib, http://www.icsharpcode.net/OpenSource/SharpZipLib/default.asp

[56] C. Werner, C. Buschmann, and S. Fischer: Compressing SOAP Messages by using Differential Encoding, in Proceedings of the IEEE International Conference on Web Services, July 2004, http://www.ibr.cs.tu-bs.de/users/fischer/index.xml?xslt=1&lang=en