

References for DoD Grid Reports

Geoffrey Fox^{1,2}, Alex Ho², Marlon Pierce¹
¹ Community Grids Laboratory, Indiana University
² Anabas Inc.
August 24, 2005

1 Introduction.....	1
2 References.....	1

1 Introduction

This document contains references cited in four reports prepared on the possible value of Grid technologies and architectures in DoD's Global Information Grid (GiG) and the Net-Centric Operations and Warfare (NCOW) system.

2 References

1. [AccessGrid] DoE Access Grid Collaboration Environment
<http://www.accessgrid.org/>
2. [ActiveBPEL] ActiveBPEL Open Source workflow engine
<http://www.activebpel.org/>
3. [AFEI] AFEI (Association for Enterprise Integration) NetCentric Enterprise Services Workshops http://www.afei.org/news/NCES_Workshops.cfm
4. [Aktas04A] Mehmet Aktas, Galip Aydin, Andrea Donnellan, Geoffrey Fox, Robert Granat , Lisa Grant, Greg Lyzenga, Dennis McLeod, Shrideep Pallickara, Jay Parker, Marlon Pierce, John Rundle, Ahmet Sayar, and Terry Tullis *iSERVO: Implementing the International Solid Earth Research Virtual Observatory by Integrating Computational Grid and Geographical Information Web Services* Technical Report December 2004, To be published in Special Issue of Pure and Applied Geophysics (PAGEOPH) for Beijing ACES Meeting July 2004,
http://grids.ucs.indiana.edu/ptliupages/publications/ISERVO_ACES_PAGEOPH.pdf.
5. [Anabas] Anabas Collaboration Environment. <http://www.anabas.com>
6. [Apache] Web site <http://www.apache.org>.
7. [Axis] Apache Axis Web Services Infrastructure <http://ws.apache.org/axis/>
8. [Aydin03A] Galip Aydin, Harun Altay, Mehmet S. Aktas, M. Necati Aysan, Geoffrey Fox, Cevat Ikibas, Jungkee Kim, Ali Kaplan, Ahmet E. Topcu, Marlon Pierce, Beytullah Yildiz, Ozgur Balsoy *Online Knowledge Center Tools for Metadata Management*, DoD HPCMP Users Group Meeting Seattle June 9-13 2003,
<http://grids.ucs.indiana.edu/ptliupages/publications/OKCUGC.pdf>
9. [Balsoy02A] Ozgur Balsoy, Mehmet S. Aktas, Galip Aydin, Mehmet N. Aysan, Cevat Ikibas, Ali Kaplan, Jungkee Kim, Marlon Pierce, Ahmet Topcu, Beytullah Yildiz, and Geoffrey Fox *The Online Knowledge Center: Building a Component Based Portal*, Proceedings of the International Conference on Information and Knowledge Engineering, Las Vegas June 2002,
<http://grids.ucs.indiana.edu/ptliupages/publications/OKCPaper1x1.pdf>

10. [Barrett2001] C. Barrett, R. Beckman, K. Berkbigler, K. Bisset, B. Bush, K. Campbell, S. Eubank, K. Henson, J. Hurford, D. Kubicek, M. Marathe, P. Romero, J. Smith, L. Smith, P. Speckman, P. Stretz, G. Thayer, E. Eeckhout, and M.D. Williams. TRANSIMS: Transportation Analysis Simulation System. Technical Report LA-UR-00-1725, Los Alamos National Laboratory Unclassified Report, 2001. An earlier version appears as a 7 part technical report series LA-UR-99-1658 and LA-UR-99-2574 to LA-UR-99-2580. See <http://transims.tsasa.lanl.gov/> and <http://www.transims.net/>.
11. [Barrett2002] C. Barrett, S. Eubank, M. Marathe, H. Mortveit and C. Reidys. *Science and Engineering of Large Scale Socio-Technical Simulations*, Proc. 1st International Conference on Grand Challenges in Simulations held as a part of Western Simulation Conference, San Antonio Texas, 2002, (2002).
12. [Barrett2004A] C. Barrett, S. Eubank, V. Anil Kumar, M. Marathe. *Understanding Large Scale Social and Infrastructure Networks: A Simulation Based Approach*, in SIAM news, March 2004. Appears as part of Math Awareness Month on The Mathematics of Networks.
13. [Barrett2004B] C. L. Barrett, M. Drozda, M. V. Marathe, S. S. Ravi and J. P. Smith, *A Mobility and Traffic Generation Framework for Modeling and Simulating Ad hoc Communication Networks*, Journal of Scientific Programming, Vol. 12, No. 1, 2004, pp. 1–23. (A preliminary version appeared in Proc. ACM Symposium on Applied Computing (SAC) – Special Track on Spatial Modeling, Madrid, Spain, March 2002, pp. 122–126.)
14. [BEEP] BEEP framework for building application protocols
<http://www.beepcore.org/>
15. [Berman03A] *Grid Computing: Making the Global Infrastructure a Reality* edited by Fran Berman, Geoffrey Fox and Tony Hey, John Wiley & Sons, Chichester, England, ISBN 0-470-85319-0, March 2003. <http://www.grid2002.org>.
16. [Bernholdt98A] Bernholdt, D., Fox, G., Furmanski, W. Natarajan, B., Ozdemir, H., Ozdemir, Z., and Pulikal, T., ``WebHLA - An Interactive Programming and Training Environment for High Performance Modeling and Simulation", in *Proceedings of the DoD HPC 98 Users Group Conference*, April 30, 1998. <http://www.new-npac.org/users/fox/documents/furmpapers/paper20.html>
17. [Bernholdt98B] Bernholdt, D., Chappell, P., Fox, G., Furmanski, W., Kasthuril, D. Krishnamurthy, G., Nair, S., Ozdemir, H., Ozdemir, Z., Rangarajan, K., and Snively, K., ``Parallel and Metacomputing Support for CMS-Comprehensive Minefield Simulation". Demonstration Handout, Supercomputing 98, Orlando, FL, November 7-13, 1998. <http://www.new-npac.org/users/fox/documents/furmpapers/cms-handoutpaper5.html>
18. [Birman05] Ken Birman, Robert Hillman, Stefan Pleisch, *Building network-centric military applications over service oriented architectures* SPIE Conference on DEFENSE TRANSFORMATION AND NETWORK-CENTRIC SYSTEMS at Orlando Florida 31 March 2005
http://www.cs.cornell.edu/projects/quicksilver/public_pdfs/GIGonWS_final.pdf
19. [BIRN] The Biomedical Informatics Research Network (BIRN)
<http://www.nbirn.net/>.

20. [Bishop2003] Matt Bishop, *Computer Security: Art and Science.* Addison-Wesley, 2003.
21. [Blais04A] Curt Blais , *Semantic Web Technologies for Military M&S*, <http://www.movesinstitute.org/Openhouse2004slides/blaisSemanticWeb.ppt>
22. [Booth2004] Booth, D., Haas, H., McCabe, F., Newcomer, E., Champion, M., Ferris, C., and Orchard, D. "Web Service Architecture." W3C Working Group Note, 11 February 2004. Available from <http://www.w3c.org/TR/ws-arch>.
23. [BPEL4WS] BPEL4WS: F. Curbera, Y. Golland, J. Klein, F. Leymann, D. Roller, S. Thatte, and S. Weerawarana, *BPEL4WS, Business Process Execution Language for Web Services*, Version 1.0. Available from <http://www-106.ibm.com/developerworks/webservices/library/ws-bpel/>.
24. [caBIG] The cancer Biomedical Informatics Grid <https://cabig.nci.nih.gov/>
25. [C4ISRarch] Command, Control, Communications, Computer Intelligence Surveillance Reconnaissance (C4ISR) Core Architecture Data Model Version 2.0 <http://www.fas.org/irp/program/core/fnlrprt.pdf>
26. [CEE00] Collaborative Technology Development in the Air Force Research Laboratory Requirements for an Air Force Collaborative Enterprise Environment, AFRL January 2000 specification of CEE Architecture.
27. [Chimera] Chimera Virtual Data System from GryPhyn <http://www.griphyn.org/chimera/>
28. [CIM] Common Information Model (CIM) from the Distributed Management Task Force DMTF <http://www.dmtf.org/standards/cim/>
29. [Clarke02A] Jerry A. Clarke and Raju R. Namburu, "A Distributed Computing Environment for Interdisciplinary Applications", *Concurrency and Computation: Practice and Experience* Vol. 14, Grid Computing environments Special Issue 13-15, pages 1161-1174, 2002.
30. [Centra] Centra Collaboration Environment. <http://www.centra.com>
31. [CMCS] Collaboratory for the Multi-scale Chemical Science (CMCS) <http://cmcs.ca.sandia.gov/index.php>
32. [CMCSpaper] *A Collaborative Informatics Infrastructure for Multi-scale Science*, James D. Myers, Thomas C. Allison, Sandra Bittner, Brett Didier, Michael Frenklach, William H. Green, Jr., Yen-Ling Ho, John Hewson, Wendy Koegler, Carina Lansing, David Leahy, Michael Lee, Renata McCoy, Michael Minkoff, Sandeep Nijssure, Gregor von Laszewski, David Montoya, Carmen Pancerella, Reinhardt Pinzon, William Pitz, Larry A. Rahn, Branko Ruscic, Karen Schuchardt, Eric Stephan, Al Wagner, Theresa Windus, Christine Yang, *Proceedings of the Challenges of Large Applications in Distributed Environments (CLADE) Workshop*, June 7, 2004, Honolulu, HI, pp. 24-33.
33. [CoABS-A] CoABS Grid <http://coabs.globalinfotek.com> from [CoABS-B]
34. [CoABS-B] Darpa Control of Agent-based Systems CoABS program <http://www.darpa.mil/ipto/research/coabs/>
35. [CoaxGrid] Coalition Agents Experiment <http://www.aiai.ed.ac.uk/project/coax>
36. [Condor] Condor Home Page <http://www.cs.wisc.edu/condor/condorg/>
37. [Cormac2005] Andrew Cormack, "Deploying Grids." UKERNA Technical Guides. Available from <http://www.ja.net/services/publications/technical-guides/tg-grid-deployment.pdf>.

38. [CrisisGrid] <http://www.crisisgrid.org>
39. [Curation-A] Seminar sponsored by the Digital Preservation Coalition and the British National Space Centre, Digital Curation: digital archives, libraries, and e-science, London, 19 October 2001, <http://www.dpconline.org/graphics/events/digitalarchives.html> (Several presentations are available from this link)
40. [DAME] DAME Distributed Aircraft Maintenance Environment project <http://www.cs.york.ac.uk/dame/>
41. [DC] Dublin Core Metadata Initiative, <http://dublincore.org>
42. [DDMS] Department of Defense Discovery Metadata Standard (DDMS) Version 1.2 <http://diides.ncr.disa.mil/mdreg/user/DDMS.cfm>
43. [DFDL] The Data Format Description Language (DFDL) working group. <https://forge.gridforum.org/projects/dfdl-wg/>
44. [DMSO] Defense Modeling and Simulation Office DMSO <https://www.dmsomil.com/public/>
45. [DMTF] Distributed Management Task Force <http://www.dmtf.org/home>
46. [DoDescience] Geoffrey Fox, Marlon Pierce *Implications of Grids, e-Science and CyberInfrastructure for the DoD High Performance Computing Modernization Program* Technical Report September 7 2003 <http://grids.ucs.indiana.edu/ptliupages/publications/DODe-ScienceGrids.pdf>
47. [Dongarra02A] *The Sourcebook of Parallel Computing* edited by Jack Dongarra, Ian Foster, Geoffrey Fox, William Gropp, Ken Kennedy, Linda Torczon, and Andy White, Morgan Kaufmann, November 2002
48. [EBI] EBI: European Bioinformatics Institute <http://www.ebi.ac.uk/>
49. [EDG-A] European DataGrid EDG <http://eu-datagrid.web.cern.ch/eu-datagrid/>
50. [ESS02A] Report from the NASA Earth Science Enterprise Computational Technology Requirements Workshop, held April 30 - May 1, 2002 http://esto-doc.gsfc.nasa.gov:8080/documents/Information_Systems/CT/ESE-CT-Workshop/2002/ctreqreport.pdf
51. [ExpSensorGrid] Expeditionary Sensor Grid <http://www.nwdc.navy.mil/OperationsHome/CNAN.asp>
52. [Eubank2004] S. Eubank, H. Guclu, V.S. Anil Kumar, M. Marathe, A. Srinivasan, Z. Toroczkai and N.Wang., *Modeling Disease Outbreaks in Realistic Urban Social Networks*, Nature, 429, pp. 180-184, May (2004).
53. [Ferguson03A] Donald Ferguson, Brad Lovering, John Shewchuk, Tony Storey, *Secure, Reliable, Transacted Web Services : Architecture and Composition*, <http://msdn.microsoft.com/library/default.asp?url=/library/en-us/dnwebsrv/html/wsoverview.asp>
54. [FleetGrid] Fleet Battle Experiments <http://www.nwdc.navy.mil/products/fbe/default.cfm>
55. [Foster1998] I. Foster, C. Kesselman, G. Tsudik, S. Tuecke. *Proc. A Security Architecture for Computational Grids*. 5th ACM Conference on Computer and Communications Security Conference, pp. 83-92, 1998.
56. [Foster99A] Foster, I. and Kesselman, C. (eds.). *The Grid: Blueprint for a New Computing Infrastructure*. Morgan Kaufmann, 1999.
57. [Foster04A] *The Grid 2: Blueprint for a new Computing Infrastructure*, edited by Ian Foster and Carl Kesselman, Morgan Kaufmann 2004.

58. [Fox98A] Fox, G., Furmanski, W., Nair, S., and Ozdemir, Z., "Microsoft DirectPlay Meets DMSO RTI for Virtual Prototyping in HPC T&E Environments," in *Proceedings of the International Test and Evaluation Workshop on High Performance Computing*, June 10, 1998. Syracuse <http://www.new-npac.org/users/fox/documents/furmpapers/directplaypaper15.html>
59. [Fox98B] Fox, G., Furmanski, W., and Ozdemir, H., "Object Web (Java/CORBA) based RTI to Support Metacomputing M&S," in *Proceedings of the International Test and Evaluation Workshop on High Performance Computing*, June 10, 1998. <http://www.new-npac.org/users/fox/documents/furmpapers/owrtipaper16.html>
60. [Fox98C] Fox, G., Furmanski, W., Goveas, B., Natarajan, B., and Shanbhag, S., "WebFlow Based Visual Authoring Tools for HLA Applications," in *Proceedings of the International Test and Evaluation Workshop on High Performance Computing*, June 10, 1998. <http://www.new-npac.org/users/fox/documents/furmpapers/authoringpaper14.html>
61. [Fox98D] Fox, G., Furmanski, W., Nair, S., Ozdemir, H., Ozdemir, Z., and Pulikal, T., "WebHLA-An Interactive Programming and Training Environment for High Performance Modeling and Simulation," in *Proceedings of the SISO Simulation Interoperability Workshop*, S/W-98F-216, July 1, 1998. <http://www.new-npac.org/users/fox/documents/furmpapers/paper12.html>
62. [Fox98E] Fox, G., Furmanski, W., Nair, S., Ozdemir, H., Ozdemir, Z., and Pulikal, T., "WebHLA-An Interactive Multiplayer Environment for High Performance Distributed Modeling and Simulation". October 9, 1998. <http://www.new-npac.org/users/fox/documents/furmpapers/paper7.html>
63. [Fox99A] Geoffrey C. Fox, Wojtek Furmanski, Ganesh Krishnamurthy, Hasan T. Ozdemir, Zeynep Odcikin-Ozdemir, Tom A. Pulikal, Krishnan Rangarajan and Ankur Sood, "Using WebHLA to Integrate HPC FMS Modules with Web/Commodity based Distributed Object Technologies of CORBA, Java, COM and XML", in *Proceedings of the Advanced Simulation Technologies Conference (ASTC99)*, San Diego, CA, Apr 11-15, 1999. <http://www.new-npac.org/users/fox/documents/furmpapers/paper3.html>
64. [Fox99B] G. Fox, W. Furmanski, G. Krishnamurthy, H. Ozdemir, Z. Ozdemir, T. Pulikal, K. Rangarajan and A. Sood, WebHLA as Integration Platform for FMS and other Metacomputing Application Domains, In *Proceedings of the DoD HPC Users Group Conference*, Monterey, CA, June 8-15, 1999. <http://www.new-npac.org/users/fox/documents/furmpapers/paper1.html>
65. [Fox03A] Geoffrey Fox, Dennis Gannon and Mary Thomas, *Overview of Grid Computing Environments*, Chapter 20 of [Berman03A]
66. [Fox04A] Fox, G., *WS-FlexibleRepresentation*, Community Grids Lab, Indiana University, 2004. <http://grids.ucs.indiana.edu/ptliupages/publications/presentations/jsunov04.ppt>
67. [Fox04B] Geoffrey Fox, Sang Lim, Shrideep Pallickara, Marlon Pierce "Message-Based Cellular Peer-to-Peer Grids: Foundations for Secure Federation and Autonomic Services" published in *Peer to Peer Computing and Interaction with the Grid -- a Special issue of Future Generation Computer Systems* 2004. http://grids.ucs.indiana.edu/ptliupages/publications/cellularGrid_final.pdf

68. [Fox05A] Geoffrey Fox, Shrideep Pallickara, Marlon Pierce, Harshawardhan Gadgil, *Building Messaging Substrates for Web and Grid Applications* to be published in special Issue on Scientific Applications of Grid Computing in Philosophical Transactions of the Royal Society of London 2005
<http://grids.ucs.indiana.edu/ptliupages/publications/RS-CGL-ColorOnlineSubmission-Dec2004.pdf>
69. [Fox05B] Geoffrey Fox *Possible Architectural Principles for OGSA-UK and other Grids* UK e-Science Core Programme Town Meeting London Monday 31st January 2005 “Defining the next Level of Services for e-Science”
<http://grids.ucs.indiana.edu/ptliupages/presentations/ogsaukjan05.ppt>
70. [Fox05C] Geoffrey Fox, Alex Ho, Marlon Pierce *Grid Technology Overview and Status*, Internal Report June 2005, Anabas Inc., Community Grids Laboratory Indiana University <http://grids.ucs.indiana.edu/ptliupages/publications/gig>
71. [Fox05D] Geoffrey Fox, Alex Ho, Marlon Pierce *Grid Opportunities for the GiG and NCOW*, Internal Report July 2005, Anabas Inc., Community Grids Laboratory Indiana University <http://grids.ucs.indiana.edu/ptliupages/publications/gig>
72. [Fox05E] Geoffrey Fox, Alex Ho, Marlon Pierce *Overview of Some Grid Application Areas within DoD*, Internal Report June 2005, Anabas Inc., Community Grids Laboratory Indiana University <http://grids.ucs.indiana.edu/ptliupages/publications/gig>
73. [Fox05F] Geoffrey Fox, Alex Ho, Marlon Pierce *Implementing some Grid Application Areas within NCOW 1.1 of DoD*, Internal Report July 2005, Anabas Inc., Community Grids Laboratory Indiana University
<http://grids.ucs.indiana.edu/ptliupages/publications/gig>
74. [Fox05G] Geoffrey Fox, Alex Ho, Marlon Pierce *References for DoD Grid Reports*, Internal Report July 2005, Anabas Inc., Community Grids Laboratory Indiana University <http://grids.ucs.indiana.edu/ptliupages/publications/gig>
75. [Fox05H] Geoffrey Fox, Alex Ho, Shrideep Pallickara, Marlon Pierce, Wenjun Wu *Grids for the GiG and Real Time Simulations*, Proceedings of Ninth IEEE International Symposium DS-RT 2005 on Distributed Simulation and Real Time Applications' Montreal October 10-12 2005
<http://grids.ucs.indiana.edu/ptliupages/publications/gig>
76. [Gadgil04A] Harshawardhan Gadgil, Geoffrey Fox, Shrideep Pallickara, Marlon Pierce, Robert Granat *A Scripting based Architecture for Management of Streams and Services in Real-time Grid Applications* Technical Report December 2004. Available from <http://grids.ucs.indiana.edu/ptliupages/publications/HPSearch-mgmtArch.pdf>
77. [Gannon04A] D. Gannon, J. Alameda, O. Chipara, M. Christie, V. Duple, L., Fang, M. Farrellee, G. Fox, S. Hampton, G. Kandaswamy, D. Kodeboyina, S. Krishnan, C. Moad, M. Pierce, B. Plale, A. Rossi, Y. Simmhan, A. Sarangi, A. Slominski, S. Shirasuna, T. Thomas, *Building Grid Portal Applications from a Web-Service Component Architecture* to appear in a special issue of IEEE Distributed Computing on Grid Systems 2004. <http://grids.ucs.indiana.edu/ptliupages/publications/portal-apps-arch.pdf>
78. [GapAnalysis] Geoffrey Fox, David Walker, *e-Science Gap Analysis*, June 30 2003. Report UKeS-2003-01, http://www.nesc.ac.uk/technical_papers/UKeS-2003-01/index.html. This report has 390 Grid references and an extensive glossary
79. [Gateway] Gateway Portal <http://www.gatewayportal.org/>

80. [GCE] GGF Grid Computing Environments Research Group
<https://forge.gridforum.org/projects/gce-rg>
81. [GEF] The Grid Enterprise Forum <http://www.opengroup.org/gesforum/>
82. [GGF-A] Global Grid Forum <http://www.gridforum.org>
83. [GiG] DoD Global Information Grid Architectures <https://disain.disa.mil/ncow.html>
84. [GiGExecSumm] Global Information Grid Architecture Version 2: Net-Centric Operations and Warfare Executive Summary, 5 May 2003
85. [GiG-Block] Global Information Grid Architecture Version 2 white papers for the Block 2(SecDef Force Allocation Decision), 3(Homeland Defense) and 4(Southwest Asia Warfighting)
86. [Globus-A] Globus Project <http://www.globus.org>
87. [Globus-GT4] Globus Toolkit GT4 April 30 2005
<http://www.globus.org/toolkit/docs/4.0/>
88. [GlobalMMCS] GlobalMMCS Service oriented Collaboration Environment from Community Grids Laboratory <http://www.globalmmcs.org>
89. [Globus-Security] Collected Globus security papers are available from <http://www.globus.org/alliance/publications/papers.php#Security%20Components>.
90. [GofG] Geoffrey Fox, "Grids of Grids of Simple Services" Computers in Science and Engineering July/August 2004, p84-87
<http://grids.ucs.indiana.edu/ptliupages/publications/Cisegridofgrids.pdf> or
<http://csdl.computer.org/dl/mags/cs/2004/04/c4084.pdf>
91. [GridShib] GridShib integration of Shibboleth Internet2 Security framework [Shibboleth] with the Grid <http://grid.ncsa.uiuc.edu/GridShib/> funded by NSF Middleware Initiative
92. [GridSphere] GridSphere open source portal
<http://www.gridsphere.org/gridsphere/gridsphere>
93. [Groove] Groove Desktop Collaboration Software, <http://www.groove.net/>
94. [Hayes04] Rick Hayes-Roth *Comments on NCOW RM 1.01*, October 19 2004
http://www.w2cog.org/documents/RHR_comments_re_NCOW_RM_1.01.doc
95. [Haupt03A] Tom Haupt and Marlon Pierce, *Distributed object-based grid computing environments*, Chapter 30 of [Berman03A]
96. [HLA] High Level Architecture HLA <https://www.dmsomil/public/transition/hla/> - a framework for distributed military models and simulations
97. [Horn01A] Paul Horn, IBM, 10/15/2001 presentation at the AGENDA 2001 conference in Scottsdale, AZ, *Autonomic Computing : IBM's Perspective on the State of Information Technology*,
http://www.research.ibm.com/autonomic/manifesto/autonomic_computing.pdf
98. [HotPage] NPACI HotPage <http://hotpage.npaci.edu/>
99. [HPCMP] High Performance Computing Modernization Program (HPCMP)
<http://www.hpcmo.hpc.mil/>
100. [HPSearch] HPSearch Web Service Scripting Interface <http://www.hpsearch.org>
101. [Humphrey2005] Marty Humphrey, Glenn Wasson, Jarek Gawor, Joe Bester, Sam Lang, Ian Foster, Stephen Pickles, Mark Mc Keown, Keith Jackson, Joshua Boverhof, Matt Rodriguez, and Sam Meder, "State and Events for Web Services: A Comparison of Five WS-Resource Framework and WS-Notification Implementations." HPDC 14, July 24-27, 2005. <http://www.caip.rutgers.edu/hpdc2005/index.html>

102. [ICCM] Intelligence Community Metadata Working Group web site:
<http://www.xml.saic.com/icml/>
103. [IEEE1516] P1516 - Standard for Modeling and Simulation (M&S) High Level Architecture (HLA) — Framework and Rules
<http://standards.ieee.org/board/nes/projects/1516.pdf>; there are associated IEEE standards projects.
104. [Interwise] Interwise Enterprise Communications Platform,
<http://www.interwise.com>
105. [IOTA1] Infrastructure Operations Tool Access web site:
<https://extranet.if.afrl.af.mil/iota/>
106. [IOTA2] Infrastructure Operations Tools Access (IOTA) Functional Requirements Document (FRD). Available from
https://extranet.if.afrl.af.mil/iota/10docs/IOTA_V_1_0_FRD.DOC
107. [IPG] NASA Information Power Grid <http://www.ipg.nasa.gov/>
108. [iVOA] International Virtual Observatory Alliance <http://www.ivoa.net/>
109. [JBI] Joint Battlespace Infosphere JBI.
<http://www.rl.af.mil/programs/jbi/documents/JBIVolume1.pdf>
110. [JBIGrid] Joint Battlespace Infosphere
<http://www.rl.af.mil/programs/jbi/default.cfm>
111. [Johnston03A] Bill Johnston NASA IPG, DoE Science Grid, *Implementing Production Grids*, Chapter 5 of [Berman03A]
112. [Jetspeed] Apache Portal project <http://portals.apache.org/>
113. [JMS] The Java Message Service JMS <http://java.sun.com/products/jms/>
114. [JSR168] JSR-000168 Portlet Specification for Java binding (Java Community Process) October 2003 <http://www.jcp.org/aboutJava/communityprocess/final/jsr168/>
115. [JV2020] Joint Vision 2020 <http://www.dtic.mil/jointvision>
116. [JXTA] JXTA peer to peer environment from Sun Microsystems
<http://www.jxta.org>
117. [Kepler] Kepler scientific workflow <http://kepler.ecoinformatics.org/>
118. [Kerr04] (*Service Oriented*) *Software Development Guidance to the Department of the Navy Project Manager* An overview by Bill Kerr, Fleet Numerical Meteorology and Oceanography Center Science and Technology Advancement Team, 5 August 2004 http://www.w2cog.org/documents/Kerr_Guidance_overview.doc
119. [KK] KnowledgeKinetics, Ball Aerospace enterprise collaboration environment in CEE architecture http://www.ball.com/aerospace/k2_home.html
120. [Krieger03] Mike Krieger Director, Information Management DASD(DCIO), OASD(NII) *NCES Net-Centric Enterprise Services* The Open Group Conference Washington DC 20-24 October 2003
<http://www.opengroup.org/public/member/proceedings/q403/krieger.pdf>
121. [Laszewski02A] Gregor von Laszewski, Mei-Hui Su, Ian Foster, Carl Kesselman, Quasi Real-Time Microtomography Experiments at Photon Sources, in [Dongarra02A]
122. [Lau04] Yun-Tung Lau , *Service-Oriented Architecture and the C4ISR Framework*, <http://www.stsc.hill.af.mil/crosstalk/2004/09/0409Lau.html>
123. [LCG] LCG: LHC Computing Grid, <http://lcg.web.cern.ch/LCG/>

124. [Levitt05] Bill Levitt, NCOW RM Development Group *Update on Target Technical View - Emerging Net-Centric Standards - NCOW Reference Model v1.1* The Open Group Conference January 25, 2005, San Francisco
http://www.opengroup.org/gesforum/uploads/40/6574/NCOW_TTV_V1.1_Open_Group.ppt
125. [Liberty] Liberty digital identity alliance <http://www.projectliberty.org/>
126. [Mayfield03] Terry Mayfield *IDA Net Centric Operations & Warfare Reference Model (Version 1.0)* National Defense Industry Association 3 October 2003
<http://www.afei.org/pdf/ncow/Mayfield.pdf>
127. [McQuay04] Bill McQuay, Collaborative Enterprise Technologies, presentation at AFRL-Ball Aerospace-Community Grids Laboratory meeting Dayton Aug 4 2004.
128. [Moen03A] D. M. Moen and J. M. Pullen, *Enabling real-time distributed virtual simulation over the internet using host-based overlay multicast*, in Proceedings of the IEEE/ACM Distributed Simulation-Real Time Application Symposium, 2003, pp. 30–36. http://netlab.gmu.edu/XMSF/pubs/ds-rt03_moen-pullen.pdf
129. [Morse04A] Katherine L. Morse, David L. Drake, Ryan P.Z. Brunton, *Web Enabling HLA Compliant Simulations to Support Network Centric Applications* CCRTS Command and Control Research and Technology Symposium San Diego 15-17 June 2004
http://www.dodccrp.org/events/2004/CCRTS_San_Diego/CD/papers/172.pdf
130. [MQSeries] MQSeries in IBM WebSphere <http://www-3.ibm.com/software/integration/websphere/services/>
131. [MSBinaryXML] Adam Bosworth, Don Box, Martin Gudgin, Mark Nottingham, David Orchard, Jeffrey Schlimmer, Microsoft and BEA, *XML, SOAP, and Binary Data*
http://msdn.microsoft.com/webservices/webservices/understanding/specs/default.aspx?pull=/library/en-us/dnwebsrv/html/infoset_whitepaper.asp
132. [MSSecurity] Microsoft Web Service security summary
<http://msdn.microsoft.com/webservices/webservices/understanding/specs/default.aspx?pull=/library/en-us/dnglobspec/html/wssecurspecindex.asp> and this page references both other summaries and specifications.
133. [MSTXS] Luis Felipe Cabrera, George Copeland, Jim Johnson, David Langworthy Microsoft, *Coordinating Web Services Activities with WS-Coordination, WS-AtomicTransaction, and WS-BusinessActivity*
<http://msdn.microsoft.com/webservices/webservices/understanding/specs/default.aspx?pull=/library/en-us/dnwebsrv/html/wsacoord.asp>
134. [MSWSSite] Microsoft Summary of Web Service Specifications
<http://msdn.microsoft.com/webservices/webservices/understanding/specs/default.aspx>
135. [MTOM] SOAP Message Transmission Optimization Mechanism. Microsoft, IBM and BEA. <http://www.w3.org/TR/2005/REC-soap12-mtom-20050125/>
136. [myGrid-B] Taverna myGrid Workflow
<http://mygrid.man.ac.uk/myGrid/web/components/Workflow/>
137. [myGrid-D] The myGrid Provenance Service
<http://mygrid.man.ac.uk/myGrid/web/components/ProvenanceData/>
138. [NCBI] National Center for Biotechnology Information
<http://www.ncbi.nlm.nih.gov/>

139. [NaradaBrokering] NaradaBrokering open source Messaging System
<http://www.naradabrokering.org>
140. [Netwarfare] Network-Centric Warfare <http://www.c3i.osd.mil/NCW>
141. [NCOIC] NCOIC Network Centric Operations Industry Consortium
<http://www.ncoic.org/>
142. [NCOW1.1] Global Information Grid Net-Centric Operations and Warfare Reference Model (NCOW RM) Version 1.1 (Draft) 8 November 2004
143. [NCOW1.1-B] Global Information Grid Net-Centric Operations and Warfare Reference Model (NCOW RM) Appendix B – NCOW RM Operational Description
144. [NCOW1.1-C] Global Information Grid Net-Centric Operations and Warfare Reference Model (NCOW RM) Appendix C – NCOW RM System/Services Description
145. [NCOW1.1-D] Global Information Grid Net-Centric Operations and Warfare Reference Model (NCOW RM) Appendix D – NCOW RM Target Technical View (TTV)
146. [NCOW1.1-E] Global Information Grid Net-Centric Operations and Warfare Reference Model (NCOW RM) Appendix E – NCOW RM Integrated Dictionary including Section 7 (Abbreviations and Acronyms)
147. [Netsolve] NetSolve and GridSolve network server project
<http://icl.cs.utk.edu/netsolve/>
148. [Ninf] Ninf network server project <http://ninf.apgrid.org/>
149. [NSF03A] Report of the National Science Foundation Blue-Ribbon Advisory Panel, *Revolutionizing Science and Engineering Through Cyberinfrastructure*,
<http://www.cise.nsf.gov/evnt/reports/toc.htm>
150. [OASIS] OASIS: Organization for the Advancement of Structured Information Standards <http://www.oasis-open.org/home/index.php>
151. [OGCE] Open Grid Computing Environment OGCE Portal Collaboration
<http://www.collab-ogce.org/nmi/index.jsp>
152. [OGSA] Open Grid Services Architecture (OGSA) Version 1.0
<https://forge.gridforum.org/projects/ogsa-wg/docman/>
153. [OGSAGloss] Open Grid Services Architecture (OGSA) Glossary
<https://forge.gridforum.org/projects/ogsa-wg/docman/>
154. [OGSA-DAI] OGSA-DAI Grid and Web database interface <http://www.ogsa-dai.org/>
155. [OGSA-Globus] GGF Open Grid Services Architecture
<http://www.globus.org/ogsa/>
156. [OGSIv1] OGSI Open Grid Service Infrastructure (OGSI) version 1
<http://www.gridforum.org/documents/GFD.15.pdf>
157. [Oh03A] Sangyoon Oh, Geoffrey C. Fox , Sunghoon Ko *GMSME: An Architecture for Heterogeneous Collaboration with Mobile Devices* The Fifth IEEE International Conference on Mobile and Wireless Communications Networks (MWCN 2003) Singapore in September / October, 2003.
<http://grids.ucs.indiana.edu/ptliupages/publications/mwcn2003.pdf> and
<http://grids.ucs.indiana.edu/ptliupages/projects/carousel/>
158. [Oh2005] Sangyoon Oh, Hasan Bulut, Ahmet Uyar, Wenjun Wu, Geoffrey Fox
[Optimized Communication using the SOAP Infoset For Mobile Multimedia](#)

- [Collaboration Applications](#) Proceedings of the International Symposium on Collaborative Technologies and Systems CTS05 May 2005, St. Louis Missouri, USA.
159. [OMII] OMII UK e-Science Open Middleware Infrastructure Institute
<http://download.omii.ac.uk>
 160. [openGIS] Open GIS Consortium, Inc. <http://www.opengis.org/>
 161. [Pallickara03A] Shrideep Pallickara, Marlon Pierce, Geoffrey Fox, Yan Yan, Yi Huang *A Security Framework for Distributed Brokering Systems*.
http://grids.ucs.indiana.edu/ptliupages/publications/NB-SecurityFramework_acmcss.pdf.
 162. [Pegasus] Globus Pegasus Planning System in Data Management: The Globus Perspective, Globus World January 2003,
http://www.globusworld.org/globusworld_web/track2/4_DataManagement1.pdf
 163. [Pierce02A] Marlon. E. Pierce, Choonhan Youn, Geoffrey C. Fox *The Gateway Computational Web Portal* Concurrency and Computation: Practice and Experience in Grid Computing environments Special Issue 14, 1411-1426(2002).
<http://grids.ucs.indiana.edu/ptliupages/publications/c543finalGateway.pdf>
 164. [Placeware] Placeware Collaboration Environment. <http://www.placeware.com>
 165. [PST] The Practical Supercomputing Toolkit. <http://www.pstoolkit.org/index.html>.
 166. [Pullen04A] J. Mark Pullen, Ryan Brunton, Don Brutzman, David Drake, Michael Hieb, Katherine L. Morse, Andreas Tolk. *Using Web Services to Integrate Heterogeneous Simulations in a Grid Environment*. To appear in Proceedings of the International Conference on Computational Science 2004, Krakow, Poland
<http://www.vmasc.odu.edu/publications/tolk/DS-GRID04-10.pdf>
 167. [QuakesimCGL] The Quakesim portlet-based portal at Indiana University
<http://complexity.ucs.indiana.edu:8282>
 168. [Quakesim] QuakeSim Earthquake Simulation Project Home Page
<http://quakesim.jpl.nasa.gov/>
 169. [RDF-A] RDF: O. Lassila and R. R. Swick, eds. , Resource Description Framework (RDF) Model and Syntax Specification, W3C Recommendation 22 February 1999.
<http://www.w3.org/TR/1999/REC-rdf-syntax-19990222/>.
 170. [RDF-B] RDF Schema: D. Brinkley and R.V. Guha, eds., RDF Vocabulary Description Language 1.0: RDF Schema, W3C Working Draft 23 January 2003.
<http://www.w3.org/TR/rdf-schema/>.
 171. [RIB] Repository in a Box for web-based metadata catalog <http://icl.cs.utk.edu/rib/>
 172. [RTI] RTI or Runtime Infrastructure software implementing the HLA architecture [HLA] (interfaces) <https://www.dmsomil/public/transition/hla/rti/>
 173. [Rycerz04] Rycerz, K.; Balis, B.; Szymacha, R.; Bubak, M.; Slood, P. *Monitoring of HLA Grid Application Federates with OCM-G* Proceedings of 8th IEEE DS-RT 2004. 21-23 Oct. 2004, Pages: 125 - 132
 174. [SAM] Scientific Annotation Middleware (SAM),
<http://collaboratory.emsl.pnl.gov/docs/collab/sam/>
 175. [SAML] OASIS Security Services (SAML) TC. SAML documents and specifications are available from http://www.oasis-open.org/committees/tc_home.php?wg_abbrev=security .
 176. [Schneier1996] Bruce Schneier, *Applied Cryptography: Protocols, Algorithms, and Source Code in C*. John Wiley and Sons, 1996.

177. [SemanticGrid] Semantic Grid <http://www.semanticgrid.org>
178. [SemanticWeb] Semantic Web <http://www.w3.org/2001/sw/>
179. [SensorML] Sensor Model Language (SensorML) project and specification page: <http://vast.nsstc.uah.edu/SensorML/>.
180. [SERVOGrid] Solid Earth Research Virtual Observatory <http://www.servogrid.org>
181. [SETI] SETI@Home Internet Computing <http://setiathome.ssl.berkeley.edu/>
182. [Sherman03] Sherman, A.T. and McGrew, D. A., Key Establishment in Large Dynamic Groups Using One-way Function Trees, IEEE Transactions on Software Engineering, vol. 29, NO. 5, May 2003, pp. 444-458.
183. [Shibboleth] Shibboleth Internet2 Security framework designed for university environments <http://shibboleth.internet2.edu/>
184. [Slide] Apache Slide Content Management System supporting WebDAV <http://jakarta.apache.org/slide/>
185. [SmartFrog] Hewlett Packard SmartFrog Configuration Framework <http://www-uk.hpl.hp.com/smartfrog/>
186. [SOAP] SOAP: Simple Object Access Protocol <http://www.w3.org/TR/SOAP/>
187. [SOAPInfoSet1] SOAP InfoSet described in SOAP 1.2 Primer <http://www.w3c.org/TR/2003/REC-soap12-part0-20030624/>
188. [SOAPInfoSet2] M. Gudgin, et al, "SOAP Version 1.2 Part 1: Messaging Framework," June 2003. <http://www.w3.org/TR/2003/REC-soap12-part1-20030624/>
189. [SVG] Scalable Vector Graphics SVG from W3C <http://www.w3.org/Graphics/SVG/>
190. [TeraGrid] NSF TeraGrid Project <http://www.teragrid.org>
191. [Thomas03A] Mary Thomas, Marlon Pierce, Tomasz Haupt, *Building Interoperable Portals with Web Services* Technical Report of ET011 Project October 2003 <http://grids.ucs.indiana.edu/ptliupages/publications/ET-03-011%20FY%2003%20project%20final%20rpt.doc>
192. [Taiani2005] Francois Taiani, Matti A. Hiltunen, and Richard D. Schlichting, "The Impact of Web Service Integration on Grid Performance." HPDC 14, July 24-27, 2005. <http://www.caip.rutgers.edu/hpdc2005/index.html>
193. [Tolk04A] Andreas Tolk, *XML Mediation Services utilizing Model Based Data Management*, 2004 Winter Simulation Conference, SCS, Arlington, VA, December 2004 <http://www.vmasc.odu.edu/publications/Tolk/tolka42424i.pdf>
194. [Triana-A] Triana Project <http://www.triana.co.uk/>
195. [UDDI] UDDI: Universal Description, Discovery and Integration technology from OASIS <http://www.uddi.org/>
196. [UKeS-A] UK e-Science Program <http://www.escience-grid.org.uk/>
197. [Unicore-A] UNICORE UNiform Interface to COmputing Resources <http://www.unicore.de/>
198. [uPortal] Portal from a consortium of universities <http://www.uportal.org/>
199. [Venugopal05A] Srikumar Venugopal, Rajkumar Buyya, and Kotagiri Ramamohanarao, *A Taxonomy of Data Grids for Distributed Data Sharing, Management and Processing*, Technical Report, GRIDS-TR-2005-3, Grid Computing and Distributed Systems Laboratory, University of Melbourne, Australia, April 21, 2005. <http://www.gridbus.org/reports/DataGridTaxonomy.pdf>

200. [VNC] Virtual Network Computing System (VNC).
<http://www.uk.research.att.com/vnc>
201. [Vogels03A] W. Vogels, *Web Services Are Not Distributed Objects*. IEEE Internet Computing, vol. 7 (6), pp59-66, 2003.
202. [VPG] Virtual Proving Ground (VPG) <http://vpg.dtc.army.mil>
203. [VRVS] VRVS Collaboration Environment from Caltech <http://www.vrvs.org/>
204. [W2COG] W2COG World Wide Consortium for the Grid <http://www.w2cog.org/>
205. [W3CBinaryXML] W3C XML Binary Characterization Working Group
<http://www.w3.org/XML/Binary/>
206. [WebDAV] WebDAV: *Web-based Distributed Authoring and Versioning*,
<http://www.webdav.org/>
207. [WebDAV-IETF] Y. Goland, E. Whitehead, A. Faizi, S. Carter, and D. Jensen,
“HTTP Extensions for Distributed Authoring—WEBDAV.” Internet Engineering
Task Force (IETF) Request for Comments 2518. Available from
<http://www.ietf.org/rfc/rfc2518.txt>.
208. [WebEx] WebEx Collaboration Environment. <http://www.webex.com>
209. [Weerawarana05A] Sanjiva Weerawarana, Francisco Curbera, Frank Leymann,
Tony Storey, Donald F. Ferguson, *Web Services Platform Architecture: SOAP,
WSDL, WS-Policy, WS-Addressing, WS-BPEL, WS-Reliable Messaging, and More*,
Prentice Hall March 22, 2005, ISBN: 0-13-148874-0
210. [Wong98] Wong, C. K. and Gouda, M. and Lam, S. S., *Secure Group
Communication Using Key Graphs*, ACM SIGCOMM, 1998.
211. [workflow] Grid workflow is summarized in GGF10 Berlin meeting
<http://www.extreme.indiana.edu/groc/ggf10-ww/> with longer papers to appear in a
special issue of *Concurrency&Computation: Practice&Experience* at [http://www.cc-
pe.net/iuhome/workflow2004index.html](http://www.cc-pe.net/iuhome/workflow2004index.html). Editorial is Dennis Gannon and Geoffrey
Fox *Workflow in Grid Systems*
<http://grids.ucs.indiana.edu/ptliupages/publications/Workflow-overview.pdf>.
212. [WSA] WS-Addressing Web Services Addressing
<http://www.w3.org/Submission/2004/SUBM-ws-addressing-20040810/>
213. [WS-Context] WS-Context from OASIS [http://www.oasis-
open.org/committees/download.php/9904/WS-Context.zip](http://www.oasis-
open.org/committees/download.php/9904/WS-Context.zip) November 2004
214. [WS-DM] WS-DM Web Services Distributed Management Framework (OASIS)
http://www.oasis-open.org/committees/tc_home.php?wg_abbrev=wsdm
215. [WSE] WS-Eventing.
[http://msdn.microsoft.com/library/default.asp?url=/library/en-
us/dnglobspec/html/WS-Eventing.asp](http://msdn.microsoft.com/library/default.asp?url=/library/en-
us/dnglobspec/html/WS-Eventing.asp)
216. [WSFL] WSFL: Web Services Flow Language [http://www-
3.ibm.com/software/solutions/webservices/pdf/WSFL.pdf](http://www-
3.ibm.com/software/solutions/webservices/pdf/WSFL.pdf)
217. [WSGrids] M. Atkinson et al., ‘Web Service Grids: An evolutionary approach’,
Concurrency and Computation: Practice and Experience 17, 377-389, 2005;
http://www.nesc.ac.uk/technical_papers/UKeS-2004-05.pdf (defines WS-I+)
218. [WS-I] WS-I, "Web Services Interoperability (WS-I) Interoperability Profile 1.0a."
<http://www.ws-i.org>.
219. [WS-Man] WS-Management
http://www.intel.com/technology/manage/downloads/ws_management.pdf

220. [WSN] WS-Notification. <http://www-106.ibm.com/developerworks/library/specification/ws-notification>
221. [WS-Reliability] Web Services Reliable Messaging TC WS-Reliability. <http://www.oasis-open.org/committees/download.php/5155/WS-Reliability-2004-01-26.pdf>
222. [WSRF] WSRF Web Service Resource Framework http://www.oasis-open.org/committees/tc_home.php?wgabbrev=wsrf
223. [WS-RM] WS-RM Web Services Reliable Messaging Protocol (WS-ReliableMessaging) <http://www-106.ibm.com/developerworks/webservices/library/ws-rm/>
224. [WSRP] WSRP OASIS Web Services for Remote Portlets (WSRP) <http://www.oasis-open.org/committees/>
225. [WS-Security] Web Services Security: SOAP Message Security (OASIS) Standard March 2004 <http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0.pdf> with WS-I Basic Security Profile May 12 2004 <http://www.ws-i.org/Profiles/BasicSecurityProfile-1.0-2004-05-12.html>
226. [WS-SC] WS-SecureConversation Web Services Secure Conversation Language May 2004 <http://www-106.ibm.com/developerworks/library/specification/ws-second/>
227. [WS-SP] Web Service Security Policy Language (WS-Policy) July 2005. Available from <http://msdn.microsoft.com/library/en-us/dnglobspec/html/ws-securitypolicy.pdf>.
228. [WS-T] Web Services Trust Language (WS-Trust) February 2005. Available from <http://msdn.microsoft.com/library/en-us/dnglobspec/html/WS-trust.pdf>.
229. [Wu04a] W. Wu, G. C. Fox, H. Bulut, A. Uyar, H. Altay, *Design and Implementation of A Collaboration Web-services system*, Journal of Neural, Parallel & Scientific Computations, Volume 12, 2004. http://grids.ucs.indiana.edu/ptliupages/publications/npsc_xgsp-final.pdf
230. [Wulf89] Wulf, William. 1989."The National Collaboratory - A White Paper in Towards a National Collaboratory". Unpublished report of a NSF workshop, Rockefeller University, NY. March 17-18.
231. [Wytzisk03] A. Wytzisk, I. Simonis, and U. Raape, *Integration of HLA simulation models into a standardized web service world*, in Proceedings of the 2003 European Simulation Interoperability Workshop, no. 03E-SIW-019, 2003. <http://ifgi.uni-muenster.de/~simonis/download/eurosiw2003.pdf>
232. [X3D] XML-enabled 3D file format superseding VRML <http://www.web3d.org/x3d/>
233. [XGSP] XML General Session Protocol developed by the GlobalMMS project [GlobalMMCS]
234. [Xie04A] Y. Xie, Y.M. Teo, W.T. Cai and S.J. Turner, *A Distributed Simulation Backbone for Executing HLA-based Simulation over the Internet*, Workshop on Grid Computing and Applications, Proceedings of the 2nd International Conference on Scientific and Engineering Computation, pp. 96-103, Singapore, June 2004. <http://www.comp.nus.edu.sg/~xieyong/publication/ICSEC2004.pdf>
235. [Xie05A] Y. Xie, Y.M. Teo, W.T. Cai and S.J. Turner, *Extending HLA's Interoperability and Reusability to the Grid*, 19th ACM/IEEE/SCS Workshop on Principles of Advanced and Distributed Simulation (PADS 2005) Monterey, CA,

- USA, June
2005. http://www.comp.nus.edu.sg/~xieyong/publication/PADS2005_xie.pdf
236. [Xie05B] Y. Xie, Y.M. Teo, W.T. Cai and S.J. Turner, *Towards Grid-Wide Modeling and Simulation*, 5th Singapore-Massachusetts Institute of Technology Alliance SMA) Annual Symposium, January, 2005.
http://www.comp.nus.edu.sg/~xieyong/publication/SMA_Symposium2005_xie.pdf
237. [Xie05C] Yong Xie, Yong Meng Teo, Wentong Cai and Stephen J Turner. "Service Provisioning for HLA-based Distributed Simulation on the Grid", in *Procs of the 19th IEEE/ACM/SCS Workshop on Principles of Advanced and Distributed Simulation (PADS 2005)*, pp.282-291, Monterey, California, USA, June 2005
http://www.comp.nus.edu.sg/~xieyong/publication/PADS2005_xie.pdf
238. [XMLC14N] Exclusive XML Canonicalization Version 1.0. W3C Recommendation 18 July 2002. Available from <http://www.w3.org/TR/xmlenc-core/>.
239. [XMLDSIG] XML-Signature Syntax and Processing, W3C Recommendation 12 February 2002. Available from <http://www.w3.org/TR/xmlsig-core/>.
240. [XMLENC] XML Encryption Syntax and Processing, W3C Recommendation 10 December 2002. Available from <http://www.w3.org/TR/xmlenc-core/>.
241. [XMSF1] Extensible Modeling and Simulation Framework (XMSF) Project
<http://www.movesinstitute.org/xmsf/xmsf.html>
242. [XMSF2] Brutzman, Don , M. Zyda, J. Pullen, K. Morse, Extensible Modeling and Simulation Framework (XMSF), Challenges for Web-Based Modeling and Simulation, Technical Challenges Workshop, Strategic Opportunities Symposium, 22 October,
<http://www.movesinstitute.org/xmsf/XmsfWorkshopSymposiumReportOctober2002.pdf>
243. [XMSF3] The MOVES Institute Open House with several definitive papers on XMSF and its Application to modeling and simulation,
<http://www.movesinstitute.org/OpenHouse2004.html>.
244. [XOM] Extensible Modeling and Simulation Framework Overlay Multicast XOM
<http://netlab.gmu.edu/XOM/>
245. [XOP] XML-binary Optimized Packing. Microsoft, IBM and BEA.
<http://www.w3.org/TR/2005/REC-xop10-20050125/>
246. [XSBC] XSBC XML Binary Serialization Project
<http://cvs.sourceforge.net/viewcvs.py/xmsf/xsbc/docs/xsbc.html> and
<http://www.movesinstitute.org/Openhouse2004slides/Norbratenopenhouse2004.ppt>
247. [Yu05A] Jia Yu and Rajkumar Buyya, *A Taxonomy of Workflow Management Systems for Grid Computing*, Technical Report, GRIDS-TR-2005-1, Grid Computing and Distributed Systems Laboratory, University of Melbourne, Australia, March 10, 2005. <http://www.gridbus.org/reports/GridWorkflowTaxonomy.pdf>
248. [Zajac04] K. Zajac, M. Bubak, M. Malawski, and P. M. A. Sloot, *Towards a grid management system for HLA-based interactive simulations*, in *Proceedings of Seventh IEEE International Symposium on Distributed Simulation and Real Time Applications (DS-RT 2003)*, S. Turner and S. Taylor, Eds. Delft, The Netherlands: IEEE Computer Society, October 2003, pp. 4–11.

249. [Zong04] W. Zong, Y. Wang, W. Cai, and S. J. Turner, *Grid services and service discovery for HLA-based distributed simulation*, in Proceedings of the IEEE/ACM Distributed Simulation-Real Time Application Symposium, 2004.
http://www.cs.unibo.it/DS-RT2004/DSRT_TPweb.htm