

# Bibliography

1. W. Los, "Introduction to ENVRI and the workshop objectives," in *ENVRI Frascati Meeting 5-7 Feb 2013*, Presentation. Frascati, Italy, 2013.
2. "Global Change: Towards global research infrastructures," *European Commission, Directorate-General For Research and Innovation*, 2012.
3. S. Sorvari, "Environmental research in harmony," *International Innovation - Disseminating, science research and technology*. Dec. 2012 Page 28, 2012. Available: <http://www.research-europe.com/magazine/ENVIRONMENT/2012-15/index.html>
4. ISO/IEC, "ISO/IEC 10746-1: Information technology--Open Distributed Processing--Reference model: Overview," *ISO/IEC Standard*, 1998.
5. ISO/IEC, "ISO/IEC 10746-2: Information technology--Open Distributed Processing--Reference model: Foundations," *ISO/IEC Standard*, 2009.
6. ISO/IEC, "ISO/IEC 10746-3: Information technology--Open Distributed Processing--Reference model: Architecture," *ISO/IEC Standard*, 2009.
7. ISO/IEC, "ISO/IEC 10746-4: Information technology--Open Distributed Processing--Reference model: Architecture Semantics," *ISO/IEC Standard*, 1998.
8. OASIS, "Reference Model for Service Oriented Architecture 1.0," *OASIS Standard*, 2006.
9. L. Candela, G. Athanasopoulos, D. Castelli, K. El Raheb, P. Innocenti, Y. Ioannidis, A. Katifori, A. Nika, G. Vullo, and S. Ross. "The Digital Library Reference Model", *DL.org*, 2011. <http://referencemodel.dlorg.eu/>
10. ISO/IEC, "Open System Interconnection (OSI), ISO/IEC 7498-1," *ISO/IEC Standard*, 1994.
11. CCSDS, "Reference Model for an Open Archival Information System (OAIS)," *CCSDS Standard*, 2012.
12. C. Atkinson, M. Gutheil, and K. Kiko, "On the Relationship of Ontologies and Models," *Lecture Notes in Informatics, Gesellschaft für Informatik, Bonn*, INI Proceedings, 1996.
13. D. C. Schmidt, "Model-Driven Engineering," *IEEE Computer* vol. 39, 2006.
14. N. F. Noy, and D. L. McGuinness, "Ontology Development 101: A Guide to Creating Your First Ontology," *Stanford Knowledge Systems Laboratory Technical Report KSL-01-05 and Stanford Medical Informatics Technical Report SMI-2001-0880*, 2001.
15. P. Tetlow, J. Z. Pan, D. Oberle, E. Wallace, M. Uschold, and E. Kendall, "Ontology Driven Architectures and Potential Uses of the Semantic Web in Systems and Software Engineering," *W3C Standard*, 2006.
16. SEKE, "International Conference on Software Engineering (SEKE 2005)".
17. VORTE, "International Workshop on Vocabularies, Ontologies and Rules for The Enterprise (VORTE 2005-2013)".
18. MDSW, "The Model-Driven Semantic Web Workshop (MDSW 2004)".
19. SWESE, "Workshop on Semantic Web Enabled Software Engineering (SWESE 2005-2007)".
20. ONTOSE, "Workshop on Ontology, Conceptualizations and Epistemology of Software and Systems Engineering (ONTOSE 2005-2009)".
21. WoMM, "Workshop on Meta-Modeling and Corresponding Tools (WoMM 2005)".
22. I. Kwaaitaal, M. Hoogeveen, and T. V. D. Weide, "A Reference Model for the Impact of Standardisation on Multimedia Database Management Systems," *Computer Standards & Interfaces*, vol. 16, pp. 45-54, 1994.
23. OGC, "OGC Reference Model," *Open Geospatial Consortium*, OGC Standard, 2011.
24. T. Uslander, "Reference Model for the ORCHESTRA Architecture (RM-OA) V2," *Open Geospatial Consortium*, OGC Standard, 2007.
25. V. Hernandez-Ernst, et al., "LIFEWATCH. Deliverable 5.1.3: Data & Modelling Tool Structures -- Reference Model," *the EU LifeWatch consortium*, 2010.
26. D. Hollingsworth, "The Workflow Reference Model," *the Workflow Management Coalition*, 1995.
27. I. Mayk, and W. C. Regli, "Agent Systems Reference Model Release Version 1.0a," *US Army Communications and Electronics Command Research Development and Engineering Center (CERDEC)*, 2006.
28. E. H. Chi, and J. T. Riedl, "An Operator Interaction Framework for Visualization Systems," *Symposium on Information Visualization (InfoVis '98)*, 1998.
29. E. H. Chi, "A Taxonomy of Visualisation Techniques using the Data State Reference Model," *Proceedings of the IEEE Symposium on Information Visualization 2000 (InfoVis'00)*, 2000.
30. N. Koch, and M. Wirsing, "The Munich Reference Model for Adaptive Hypermedia Applications," in *2nd International Conference on Adaptive Hypermedia and Adaptive Web-based Systems, Proceedings. P. De Bra, P. Brusilovsky, and R. Conejo (eds.) LNCS 2347, ©Springer Verlag*, pp. 213-222, 2002.
31. OMG, "Data Distribution Service for Real-time Systems Version 1.2," *OMG Standard*, 2007.
32. OASIS, "Content Management Interoperability Services (CMIS) Version 1.0," *OASIS Standard*, 2011.
33. A. Hardisty, "WP3 Progress and Issues for Full Plenary with SAB, Wednesday 6th Feb 2013," in *ENVRI Frascati Meeting, 5-7 Feb 2013*, ed. Frascati, Italy, 2013.
34. R. Kahn and R. Wilensky, "A framework for distributed digital object services", *International Journal on Digital Libraries (2006) 6(2):115-123*, 2006.
35. A. Barros, M. Dumas and P. Oaks, "A Critical Overview of the Web Services Choreography Description Language (WS\_CDL)", *BPTrends*, Mar. 2005.
36. L. Candela. "Data Use - Virtual Research Environments". In K. Ashley, C. Bizer, L. Candela, D. Fergusson, A. Gionis, M. Heikkurinen, E. Laure, D. Lopez, C. Meghini, P. Pagano, M. Parsons, S. Viglas, D. Vitlacil, and G. Weikum, (ed.) *Technological & Organisational Aspects of a Global Research Data Infrastructure - A view from experts, GRDI2020, 91-98*, 2012.
37. P. F. Linington, Z. Milosevic, A. Tanaka, and A. Vallecillo, Ed., *Building Enterprise Systems with ODP*. CRC Press, 2012.
38. Oracle, *Oracle Information Architecture: An Architect's Guide to Big Data*, An Oracle White Paper in Enterprise Architecture, August 2012.
39. Tarasova, T., Argenti M., and Marx M., *Semantically-Enabled Environmental Data Discovery and Integration: demonstration using the Iceland Volcano Use Case*, To appear in proc. of the 4th Conference on Knowledge Engineering and Semantic Web (KESW), Saint-Petersburg, Russia, 2013.
40. OMG, "Unified Modeling Language™ (OMG UML), Superstructure Version 2.2" , *OMG Standard*, 2009
41. Regulation, Council. "No 723/2009 of 25 June 2009 on the Community legal framework for a European Research Infrastructure Consortium (ERIC)." *OJ L206.8.8 (2009)*. [https://ec.europa.eu/research/infrastructures/pdf/eric\\_en.pdf](https://ec.europa.eu/research/infrastructures/pdf/eric_en.pdf)
42. ENVRI plus. (2016). D5.2 A definition of the ENVRI Reference Mode, Envri plus project Horizon 2020 Grant Agreement No 654182. <http://www.envriplus.eu/wp-content/uploads/2015/08/D5.2-A-definition-of-the-ENVRIplus-Reference-Model.pdf>