





















2. Object Management Group. OMG Unified Modeling Language (OMG UML), Superstructure, Version 2.4.1, August 2011. Available at: <http://www.omg.org/spec/UML/2.4.1>.
3. Object Management Group. UML Profile for MARTE, Version 1.1, June 2011. Available at: <http://www.omg.org/spec/MARTE/1.1>.
4. S. Balsamo, A. Di Marco, P. Inverardi, and M. Simeoni. Model-Based Performance Prediction in Software Development: A Survey. *IEEE TSE*, 30(5):295–310, 2004.
5. R. B. France and B. Rumpe. Model-driven Development of Complex Software: A Research Roadmap. In *Proc. of the Workshop on the Future of Software Engineering (FOSE) @ ICSE*, pages 37–54, 2007.
6. L. Berardinelli, P. Langer, and T. Mayerhofer. Combining fUML and Profiles for Non-Functional Analysis Based on Model Execution Traces. In *Proc. of the 9th International ACM Sigsoft Conference on the Quality of Software Architectures (QoSA)*. ACM, 2013.
7. Object Management Group. Semantics of a Foundational Subset for Executable UML Models (fUML), Version 1.0, February 2011. Available at: <http://www.omg.org/spec/FUML/1.0>.
8. T. Mayerhofer, P. Langer, and G. Kappel. A Runtime Model for fUML. In *Proc. of the 7th Workshop on Models@run.time (MRT) @ MoDELS*, pages 53–58. ACM, 2012.
9. C. U. Smith and L. G. Williams. *Performance Solutions: A Practical Guide to Creating Responsive, Scalable Software*, volume 1. Addison-Wesley, 2002.
10. A. Di Marco. *Model-based Performance Analysis of Software Architectures*. PhD thesis, University of L'Aquila, 2005. <http://www.di.univaq.it/adimarco/thesis/thesis-final-web.zip>.
11. E. D. Lazowska, J. Zahorjan, G. S. Graham, and K. C. Sevcik. *Quantitative system performance: computer system analysis using queueing network models*. Prentice-Hall, 1984.
12. Business Informatics Group. Model Execution Website. <http://modelexecution.org>.
13. M. Bertoli, G. Casale, and G. Serazzi. JMT - Performance Engineering Tools for System Modeling. *ACM SIGMETRICS Performance Evaluation Review*, 36(4):10–15, 2009.
14. C. U. Smith, C. M. Lladó, and R. Puigjaner. Performance Model Interchange Format (PMIF 2): A comprehensive approach to Queueing Network Model interoperability. *Performance Evaluation*, 67(7):548–568, 2010.
15. D. B. Petriu and M. Woodside. An intermediate metamodel with scenarios and resources for generating performance models from UML designs. *Software and Systems Modeling*, 6(2):163–184, 2007.
16. C. U. Smith, C. M. Lladó, and R. Puigjaner. PMIF Extensions: Increasing the Scope of Supported Models. In *Proc. of the 1st Joint WOSP/SIPEW International Conference on Performance Engineering*, pages 255–256. ACM, 2010.
17. S. Becker, H. Koziolok, and R. Reussner. The Palladio component model for model-driven performance prediction. *Journal of Systems and Software*, 82(1):3–22, 2009.
18. H. Brunelière, J. Cabot, and F. Jouault. Combining Model-Driven Engineering and Cloud Computing. In *Proc. of 4th Workshop on Modeling, Design, and Analysis for the Service Cloud (MDA4ServiceCloud) @ ECMFA*, 2010.
19. R. N. Calheiros, R. Ranjan, A. Beloglazov, C. A. F. De Rose, and R. Buyya. CloudSim: A Toolkit for Modeling and Simulation of Cloud Computing Environments and Evaluation of Resource Provisioning Algorithms. *Software: Practice and Experience*, 41(1):23–50, 2011.
20. S. K. Garg and R. R. Buyya. NetworkCloudSim: Modelling Parallel Applications in Cloud Simulations. In *Proc. of the 4th IEEE International Conference on Utility and Cloud Computing (UCC)*, pages 105–113, 2011.
21. A. Núñez, J. L. Vázquez-Poletti, A. C. Caminero, G. G. Castañé, J. Carretero, and I. M. Lorente. iCanCloud: A Flexible and Scalable Cloud Infrastructure Simulator. *Journal of Grid Computing*, 10(1):185–209, 2012.