

References

- [Alanen, *et al.*, 2005] Alanen, M., Lundkvist, T., Porres, I. (2005) Comparison of Modeling Frameworks for Software Engineering. *Nordic Journal of Computing*, vol. 12, 4, 321-342.
- [Alanen and Porres, 2008] Alanen, M., Porres, I. (2008) A Metamodeling Language Supporting Subset and Union Properties. *Software and Systems Modeling*, vol. 7, 1, 103-124.
- [Ardis, *et al.*, 2000] Ardis, M., Daley, N., Hoffman, D., Siy, H. (2000) Software Product Lines: A Case Study. *Software Practice and Experience*, vol. 30, 7, 825-847.
- [Atkinson and Kühne, 2005] Atkinson, C., Kühne, T. (2005) A Generalized Notion of Platforms for Model-Driven Development. In Beydeda, S., Book, M. and Gruhn, V. (Eds.) *Model-Driven Software Development*. New York, Springer-Verlag, 119-136.
- [Atkinson and Kühne, 2003] Atkinson, C., Kühne, T. (2003) Model-Driven Development: A Metamodeling Foundation. *IEEE Software*, vol. 20, 5, 36-41.
- [Balmelli, *et al.*, 2006] Balmelli, L., Brown, D., Cantor, M., Mott, M. (2006) Model-Driven Systems Development. *IBM Systems Journal*, vol. 45, 3, 569-585.
- [Batory, *et al.*, 2002] Batory, D., Johnson, C., Macdonald, B., Heeder, D. v. (2002) Achieving Extensibility Through Product-Lines and Domain-Specific Languages: A Case Study. *ACM Transactions on Software Engineering and Methodology*, vol. 11, 2, 191-214.
- [Bettin, 2004] Bettin, J. (2004) Model-Driven Software Development. Available at <http://www.bptrends.com>.
- [Booch, *et al.*, 2004] Booch, G., Brown, A., Iyengar, S., Rumbaugh, J., Selic, B. (2004) An MDA Manifesto. Available at <http://www.bptrends.com>.
- [Bragança, 2003] Bragança, A. (2003) *Run-Time Variability in Domain Engineering for Post-Deployment of User-Centric Software Functional Completion*, 1st Year Ph.D. Report, University of Minho, Guimarães, Portugal, November.
- [Bråthen, 2005] Bråthen, E. (2005) *A Practical Evaluation of Software Factories and the Microsoft Domain Specific Language Approach for Developing Web Services*, Master Thesis, University of Oslo, Oslo, Norway, December 22.
- [Brown, *et al.*, 2005a] Brown, A. W., Conallen, J., Tropeano, D. (2005a) Introduction: Models, Modeling, and Model-Driven Architecture (MDA). In Beydeda, S., Book, M. and Gruhn, V. (Eds.) *Model-Driven Software Development*. New York, Springer-Verlag, 1-16.
- [Brown, *et al.*, 2005b] Brown, A. W., Conallen, J., Tropeano, D. (2005b) Practical Insights into Model-Driven Architecture: Lessons from the Design and Use of an MDA Toolkit. In Beydeda, S., Book, M. and Gruhn, V. (Eds.) *Model-Driven Software Development*. New York, Springer-Verlag, 403-431.
- [Brown, *et al.*, 2006] Brown, A. W., Iyengar, S., Johnston, S. (2006) A Rational Approach

- to Model-Driven Development. *IBM Systems Journal*, vol. 45, 3, 463-480.
- [Cook, 2004] Cook, S. (2004) Domain-Specific Modeling and Model Driven Architecture. Available at <http://www.bptrends.com>.
- [Demir, 2006] Demir, A. (2006) Comparison of Model-Driven Architecture and Software Factories in the Context of Model-Driven Development. In Proceedings of *4th Workshop on Model-Based Development of Computer-Based Systems and 3rd International Workshop on Model-Based Methodologies for Pervasive and Embedded Software (MBD/MOMPES'06)*. Potsdam, Germany, March 30, IEEE Computer Society.
- [Dupe, *et al.*, 2007] Dupe, G., Belaunde, M., Perruchon, R., Besnard, H. (2007) SmartQVT - A QVT implementation. Available at <http://smartqvt.elibel.tm.fr>.
- [Fernandes, *et al.*, 2006] Fernandes, J. M., Machado, R. J., Monteiro, P., Rodrigues, H. (2006) A Demonstration Case on the Transformation of Software Architectures for Service Specification. In Proceedings of *5th IFIP Working Conference on Distributed and Parallel Embedded Systems (DIPES 2006)*. Braga, Portugal, October 11-13, Springer-Verlag.
- [Fontoura, *et al.*, 2000] Fontoura, M. F., Pree, W., Rumpe, B. (2000) UML-F: A Modeling Language for Object-Oriented Frameworks. In Proceedings of *14th European Conference on Object Oriented Programming (ECOOP 2000)*. Cannes, France, June 12-16, Springer-Verlag.
- [France and Rumpe, 2007] France, R., Rumpe, B. (2007) Model-Driven Development of Complex Software: A Research Roadmap. In Proceedings of *29th International Conference on Software Engineering (ICSE 2007)*. Minneapolis, Minnesota, USA, May 23-25, IEEE Computer Society.
- [Frankel, 2005] Frankel, D. S. (2005) Business Process Platforms and Software Factories. In Proceedings of *International Workshop on Software Factories*. San Diego, California, USA, October 17, ACM.
- [Greenfield and Short, 2003] Greenfield, J., Short, K. (2003) Software Factories: Assembling Applications with Patterns, Models, Frameworks and Tools. In Proceedings of *18th Annual ACM SIGPLAN Conference on Object-Oriented Programming, Systems, Languages and Applications (OOPSLA 2003)*. Anaheim, California, USA, October 26-30, ACM.
- [Hailpern and Tarr, 2006] Hailpern, B., Tarr, P. (2006) Model-Driven Development: The Good, the Bad, and the Ugly. *IBM Systems Journal*, vol. 45, 3, 451-461.
- [Harel and Rumpe, 2004] Harel, D., Rumpe, B. (2004) *Modeling Languages: Syntax, Semantics and all that Stuff (or, What's the Semantics of "Semantics"?)*, Technical Report MCS00-16, The Weizmann Institute of Science, Rehovot, Israel, July 18.
- [Jouault and Bézivin, 2006] Jouault, F., Bézivin, J. (2006) KM3: A DSL for Metamodel Specification. In Proceedings of *8th IFIP International Conference on Formal Methods for Open Object-Based Distributed Systems (FMOODS 06)*. Bologna, Italy, June 14-16, Springer-Verlag.

-
- [Lédeczi, *et al.*, 2001] Lédeczi, Á., Bakay, Á., Maróti, M., Völgyesi, P., Nordstrom, G., Sprinkle, J., Karsai, G. (2001) Composing Domain-Specific Design Environments. *Computer*, vol. 34, 11, 44-51.
- [Machado and Fernandes, 2002] Machado, R. J., Fernandes, J. M. (2002) Heterogeneous Information Systems Integration: Organizations and Methodologies. In Proceedings of *4th International Conference on Product Focused Software Process Improvement (PROFES 2002)*. Rovaniemi, Finland, December 9-11, Springer-Verlag.
- [Machado, *et al.*, 2006] Machado, R. J., Fernandes, J. M., Monteiro, P., Rodrigues, H. (2006) Refinement of Software Architectures by Recursive Model Transformations. In Proceedings of *7th International Conference on Product Focused Software Process Improvement (PROFES 2006)*. Amsterdam, The Netherlands, June 12-14, Springer-Verlag.
- [Machado, *et al.*, 2005a] Machado, R. J., Fernandes, J. M., Monteiro, P., Rodrigues, H. (2005a) Transformation of UML Models for Service-Oriented Software Architectures. In Proceedings of *12th IEEE International Conference and Workshops on the Engineering of Computer-Based Systems (ECBS'05)*. Greenbelt, Maryland, USA, April 4-7, IEEE Computer Society.
- [Machado, *et al.*, 2005b] Machado, R. J., Ramos, I., Fernandes, J. M. (2005b) Specification of Requirements Models. In Aurum, A. and Wohlim, C. (Eds.) *Engineering and Managing Software Requirements*. Berlin Heidelberg, Germany, Springer-Verlag, 47-68.
- [Mellor, *et al.*, 2004] Mellor, S. J., Scott, K., Uhl, A., Weise, D. (2004) *MDA Distilled*, Boston, Addison-Wesley.
- [Mernik, *et al.*, 2005] Mernik, M., Heering, J., Sloane, A. M. (2005) When and How to Develop Domain-Specific Languages. *ACM Computing Surveys*, vol. 37, 4, 316-344.
- [Metzger, 2005] Metzger, A. (2005) A Systematic Look at Model Transformations. In Beydeda, S., Book, M. and Gruhn, V. (Eds.) *Model-Driven Software Development*. New York, Springer-Verlag, 19-33.
- [Microsoft Corporation, 2007] Microsoft Corporation (2007) Domain-Specific Language Tools. Available at <http://msdn2.microsoft.com>.
- [Miller and Mukerji, 2003] Miller, J., Mukerji, J. (2003) MDA Guide Version 1.0.1. Available at <http://www.omg.org>.
- [Nordstrom, *et al.*, 1999] Nordstrom, G., Sztipanovits, J., Karsai, G., Lédeczi, Á. (1999) Metamodeling - Rapid Design and Evolution of Domain-Specific Modeling Environments. In Proceedings of *IEEE Conference and Workshop on Engineering of Computer-Based Systems (ECBS'99)*. Nashville, Tennessee, USA, March 07-12, ACM.
- [OMG, 2007a] OMG (2007a) Object Management Group. Available at <http://www.omg.org>.
- [OMG, 2007b] OMG (2007b) Unified Modeling Language: Superstructure - version 2.1.1. Available at <http://www.omg.org>.
- [PBSS, 2007] PBSS (2007) Primavera Express. Available at <http://www.primaverabss.com>.
- [Pereira, 2007] Pereira, C. (2007) *Model-Driven Development with Microsoft Technology*,

- D.Eng. Final Project, University of Minho, Braga, Portugal, May.
- [Pree, *et al.*, 2002] Pree, W., Fontoura, M. F., Rumpe, B. (2002) Product Line Annotations with UML-F. In Proceedings of *The Second Software Product Line Conference (SPLC2)*. San Diego, USA, August 19-22, Springer-Verlag.
- [Roubtsova and Roubtsov, 2004] Roubtsova, E., Roubtsov, S. (2004) Behavioural Inheritance in the UML to Model Software Product Lines. *Science of Computer Programming*, vol. 53, 3, 409-434.
- [Schleicher and Westfechtel, 2001] Schleicher, A., Westfechtel, B. (2001) Beyond Stereotyping: Metamodeling Approaches for the UML. In Proceedings of *34th Hawaii International Conference on System Sciences (HICSS-34)*. Maui, Hawaii, January 3-6, IEEE Computer Society.
- [Seifert and Beneken, 2005] Seifert, T., Beneken, G. (2005) Evolution and Maintenance of MDA Applications. In Beydeda, S., Book, M. and Gruhn, V. (Eds.) *Model-Driven Software Development*. New York, Springer-Verlag, 269-286.
- [Sendall and Kozaczynski, 2003] Sendall, S., Kozaczynski, W. (2003) Model Transformation: The Heart and Soul of Model-Driven Software Development. *IEEE Software*, vol. 20, 5, 42-45.
- [Shaw, 2001] Shaw, M. (2001) The Coming-of-Age of Software Architecture Research. In Proceedings of *23rd International Conference on Software Engineering (ICSE)*. Toronto, Ontario, Canada, May 12-19, IEEE Computer Society.
- [Sprinkle and Karsai, 2004] Sprinkle, J., Karsai, G. (2004) A Domain-Specific Visual Language for Domain Model Evolution. *Journal of Visual Languages and Computing*, vol. 15, 3-4, 291-307.
- [Sprinkle, *et al.*, 2001] Sprinkle, J., Lédeczi, Á., Karsai, G., Nordstrom, G. (2001) The New Metamodeling Generation. In Proceedings of *8th Annual IEEE International Conference and Workshop on the Engineering of Computer Based Systems (ECBS 2001)*. Washington DC, USA, April 17-20, IEEE Computer Society.
- [Terrasse, *et al.*, 2001] Terrasse, M.-N., Savonnet, M., Becker, G. (2001) A UML-based Metamodeling Architecture for Database Design. In Proceedings of *2001 International Symposium on Database Engineering and Applications (IDEAS'01)*. Grenoble, France, July 16-18, IEEE Computer Society.
- [Vessey, *et al.*, 2002] Vessey, I., Ramesh, V., Glass, R. L. (2002) Research in Information Systems: An Empirical Study of Diversity in the Discipline and Its Journals. *Journal of Management Information Systems*, vol. 9, 2, 129-174.
- [Zhang, *et al.*, 2005] Zhang, J., Lin, Y., Gray, J. (2005) Generic and Domain-Specific Model Refactoring Using a Model Transformation Engine. In Beydeda, S., Book, M. and Gruhn, V. (Eds.) *Model-Driven Software Development*. New York, Springer-Verlag, 199-217.