Alessandro **Rossini**, PhD
C-Suite Technology Advisor, Principal at BCG

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⊙ Oslo, Norway

Alessandro Rossini is a Principal at Boston Consulting Group (BCG) in Oslo, Norway. He has over 17 years of experience in information technology, with roles ranging from software engineer to research scientist to technology advisor.

Alessandro's expertise spans IT strategy, enterprise and solution architecture, cloud and collaboration platforms, IT cost management, and technology due diligence.

In his current position, Alessandro helps organizations digitalize their business capabilities, modernize their technology platforms, and improve their operating model to increase efficiency and innovation. He works closely with both C-suite executives and subject matter experts, and can translate between IT and business languages.

Alessandro holds a Ph.D. in computer science from the University of Bergen, Norway. He has more than 40 peer-reviewed scientific publications as well as several articles in the media.

Alessandro is a Norwegian-Italian citizen and speaks English, Norwegian, Italian, and Spanish. His colleagues describe him as analytical, creative, and goal-oriented.

Experience

Principal, Boston Consulting Group (BCG), Oslo, Norway   2023–Present
Principal at BCG Platinion in Oslo, Norway. Subject matter expert and project manager in various engagements on IT strategy and architecture, cloud transformation, IT cost management, and technology due diligence.

Director, PwC Consulting, Oslo, Norway   2018–2023
Head of Technology at PwC Consulting in Oslo, Norway. Subject matter expert and project manager in various engagements on IT strategy and architecture, cloud transformation, IT cost management, and technology due diligence at clients in the public and private sectors (see Projects below). Coordinating the collaboration with research institutions. Lecturing on cloud and collaboration platforms. Career coach for junior colleagues.

Chief Advisor, EVRY (now Tietoevry), Oslo, Norway   2017–2018
Subject matter expert on cloud services in bids and projects with third-party vendors. Developing the service portfolio of cloud and cognitive services. Coordinating the collaboration with research institutions. Teaching the writing course and chairing the editorial board of the unit. Lecturing on solution architecture at EVRY Academy.

Research Scientist, Dep. of Software and Service Innovation, SINTEF, Oslo, Norway   2012–2017
Research on model-driven engineering and cloud computing. Development of CAMEL, a domain-specific modeling language for specifying provisioning, deployment, monitoring, and orchestration of cross-cloud applications at design- and run-time. Development of mechanisms for failure analysis, prevention, and recovery of cloud applications. Project manager and work package leader in EU- and SINTEF-funded projects (see Projects below). Technical committee member of the OASIS Topology and Orchestration Specification for Cloud Applications (TOSCA) and co-chair of the TOSCA Instance Model Ad Hoc group. Organizing and program committee member in international conferences and workshops (see Committees below). Supervision of students in the context of Master thesis and internship (see Supervision below).

Lecturer, Dep. of Electrical and Electronic Eng., Bergen University College, Norway   2012
Teaching of the Bachelor course Industrial Software Engineering (see Teaching below).

Guest Researcher, Dep. of Computer Science, Universidad Autónoma de Madrid, Spain   2011
Research on multi-level modeling.

Research Fellow, Dep. of Informatics, University of Bergen, Norway   2008–2011
75% research on formal aspects of model-driven engineering. Development of DPF, a diagrammatic specification framework founded on category theory and graph transformation. 25% teaching in the Bachelor courses Program Development Methodologies and Software Engineering, and in the Master course Software Security (see Teaching below). Chair of the PhD Panel of the Faculty of Mathematics and Natural Sciences. Council Member of the Department of Informatics.

Software Engineer, Integrator, Bergen, Norway   2007
Management, analysis, design and system administration of the project AlarmCenter, a real-time system for managing prison facilities, which connects different subsystems like alarms, pagers, intercoms, telephones, etc. Work based on Unified Process, UML, .NET platform and Citrix XenServer.

Software Engineer, ZeroNotice, L'Aquila, Italy   2005–2007
Management, analysis, design, implementation and system administration of the project ZNF, an open source framework for building enterprise web applications. Work based on Unified Process, UML, Apache, PHP5, MySQL, XSLT, XHTML, CSS and JavaScript. Management, analysis, design, implementation and system administration of several web applications based on ZNF.

Software Engineer, IgTechnology (now Indra), Roma, Italy   2005
Analysis, design, implementation and system administration of the project *Gestione Servizi Interni* (Internal Services Manager), the enterprise resource planning system of the company. Work based on Unified Process, UML, J2EE platform, Apache Struts framework, Oracle Kodo JPA/JDO, XHTML, CSS and JavaScript.

Trainer, Training agency Assodonna, Pescara, Italy   2004–2005
Teaching of the European Computer Driving License (ECDL) courses Computer Usage, File Management, Word Processing, Spreadsheets and Databases (see Teaching below).

Projects

Technology Due Diligence, Over 20 transactions   2019–Present
A technology due diligence (Tech DD) offers an independent evaluation of the technology in an enterprise, often in the context of mergers and acquisitions. PwC has performed Tech DDs for companies in the services, IT, energy, oil and gas, maritime, real estate, education, retail, shipping, and health care sectors.
As Subject Matter Expert and Project Manager, Alessandro has been responsible for assessing strengths, weaknesses, and red flags within: Digital strategy and product roadmap; Product portfolio and capabilities; IT architecture and technology stack; Business processes and applications; R&D organization and governance; IT spend.

Improvement of IT Cost Management, Norwegian Labour and Welfare Administration   2021–2023
The Norwegian Labour and Welfare Administration (NAV) requested external advisory to improve IT cost management and identify opportunities for cost optimization. The project has established a baseline for IT costs, compared IT costs in NAV with market standards and similar organisations, analyzed the current practices for IT cost management, and recommended measures to improve IT cost management.
As Subject Matter Expert, Alessandro has contributed to: Acquiring IT cost data for the period 2020–2022; Categorizing and allocating IT cost data according to Technology Business Management (TBM); Quality assuring the work with business controllers and department directors; Comparing IT cost data with Gartner reports and the Norwegian Tax Administration; Analyzing the as is situation for IT cost management; Recommending measures to improve IT cost management; Managing the project team consisting of three resources from PwC; Collaborating with the steering group consisting of the management team in the IT department.

Establishment of New Delivery Model for ERP, Large Enterprise in the Retail Sector   2021–2023
A large enterprise in the retail sector requested external advisory to assess technology and organization for their ERP system and business applications, and to establish an agile delivery model that includes external suppliers. The project has delivered an analysis of the current situation and a product-centric delivery model for the applications.
As Subject Matter Expert and Project Manager, Alessandro has been responsible for: Analyzing strengths, weaknesses, and red flags for business applications and associated teams; Identifying and implementing short-term measures to increase reliability, performance, and scalability; Specifying long-term target state and roadmap for product-centric delivery model; Assessing risk and mitigating actions; Assessing existing agreements and negotiating with vendors; Managing the project team consisting of four resources from PwC; Collaborating with the steering group consisting of the management team in the IT function.

Establishment of Health Analytics Platform, Norwegian Directorate of eHealth   2020–2021
The Norwegian Directorate of eHealth requested external advisory to establish the Health Analytics Platform, which consists of a data platform with copies of data from the country's health registries, along with an ecosystem of analytics tools. The project provided various analyses and a decision basis for establishing the Health Analytics Platform.
As Subject Matter Expert, Alessandro was responsible for: Estimating fixed and variable costs for the operation of the Health Analytics Platform; Identifying technical and commercial measures for cost reduction; Defining financing and governance models for the operation of the Health Analytics Platform.

Assessment of Cloud and IT Cost Management, Norwegian Tax Administration   2018–2020

The Norwegian Tax Administration established a set of strategic measures in IT to put the organization in the best possible position to develop and operate IT services, and requested external advisory to assess public cloud as the primary development and operation platform. The project established a framework agreement for cloud services, provided a decision basis for adopting public cloud in production, and established a framework for IT cost management.

As Subject Matter Expert and Project Manager, Alessandro contributed to: Defining a strategy, governance model, upskilling plan, and target architecture; Establishing a framework agreement for cloud services and evaluating offers from the market; Mapping and assessing applications, platform, and infrastructure; Cost analysis of platform and infrastructure on-premises; Cost estimation of migrating to public cloud and collaboration platforms, in collaboration with AWS and Microsoft; Categorizing and allocating IT costs according to Technology Business Management (TBM); Distributing IT costs across products and services in the Norwegian Tax Administration; Assess the need for tool support for TBM.

Design of Cloud Management Platform, EVRY (now Tietoevry)   2017–2018

EVRY (now Tietoevry) built a cloud management platform for comparing, provisioning and orchestrating services in a hybrid cloud.

As Subject Matter Expert and Architect, Alessandro was responsible for: Market analysis; Requirement specification; Architecture design based on the state-of-the-art in research and development; Collaborating with third-party vendors.

ARCADIA, European Commission's H2020 Programme   2014–2016

A framework for developing highly distributed applications. Rated Excellent by the European Commission.
Alessandro was Leader of the Task on Context Models, and Project Manager at SINTEF.

PaaSage, European Commission's 7th Framework Programme   2012–2016

A model-based framework for specifying and executing cross-cloud applications. Rated Excellent by the European Commission.
Alessandro was Leader of the Work Package on Languages, and Project Manager at SINTEF.

Broker@Cloud, European Commission's 7th Framework Programme   2012–2016

A cloud brokerage framework for quality assurance and optimization.
Alessandro was Leader of the Task on Cloud Service Failure Prevention and Recovery, and Project Manager at SINTEF.

DPF, University of Bergen and Bergen University College   2008–2012

A diagrammatic specification framework founded on category theory.
Alessandro was Researcher and Quality Assurance Manager.

ZNF, Self-funded   2005–2007

An open source framework for developing enterprise web applications.
Alessandro was Project Manager and Chief Architect.

Committees

Organizing Committee Member: FM 2015, CSB 2014, NordiCloud 2013

Program Committee Member: Microservices 2019, MMHS 2018, MULTI 2018, CloudWays 2017, ESOCC 2018, SE-CLOUD 2018, CloudWays 2017, ESOCC 2017, MULTI 2016, MMHS 2016, PROCON 2016, ESOCC 2016, MULTI 2015, MMHS 2015, MULTI 2014, MMHS 2014, CSB 2013, SLE 2012

Reviewer: CAEE, SoSyM, Computing, NIK 2013, MODELS 2013, JSME, MODELS 2012, ECMFA 2012, AGTIVE 2011, ICMT 2011

Education

Philosophiae Doctor (Ph.D.), Dep. of Informatics, University of Bergen, Norway   2011

Subject of the dissertation: Diagram Predicate Framework meets Model Versioning and Deep Metamodelling.
Supervisors: Uwe Wolter and Khalid Azim Mughal. Opponents: Reiko Heckel and Einar Broch Johnsen.

Master of Science (M.Sc.), Dep. of Computer Science, University of L'Aquila, Italy   2006

Final grade: *Summa cum laude*. Specialized curriculum in software engineering and web technology. One-year stay as Erasmus student at the Department of Informatics, University of Bergen, Norway. Subject of the dissertation: Problems of Versioning in Model-Driven Architecture. Supervisor: Alfonso Pierantonio.

Bachelor of Science (B.Sc.), Dep. of Computer Science, University of L'Aquila, Italy
Final grade: Summa cum laude. General curriculum in computer science. Subject of the dissertation: Generation of Data-Intensive Web Applications Based on UML. Supervisor: Alfonso Pierantonio.

Certifications

AWS Certified Cloud Practitioner	2020
Azure Fundamentals	2020
Certified Technology Business Management Executive (CTBME)	2020
TOGAF 9 Foundation	2019
PRINCE2 Agile Practitioner in Agile Project Management	2019
PRINCE2 Foundation in Project Management	2018

Courses

Business Outcome Enablement, Global Knowledge, Oslo, Norway	2017
Project Management, SINTEF School, Trondheim, Norway	2014
Research Methodology, SINTEF School, Trondheim, Norway	2013
LASER Summer School on Empirical Software Engineering, ETH, Zürich, Switzerland	2010

Teaching

Lecturer, Industrial Software Engineering (in Norwegian) — Spring 2012
Bachelor course TOE058, Bergen University College

Teaching assistant, Software Security (in English) — Fall 2010
Master course INF226, University of Bergen

Teaching assistant, Software Engineering (in Norwegian) — Spring 2010
Bachelor course INF112, University of Bergen

Teaching assistant, Software Engineering (in Norwegian) — Spring 2009
Bachelor course INF112, University of Bergen

Teaching assistant, Software Security (in English) — Fall 2008
Master course INF226, University of Bergen

Teaching assistant, Program Development Methodologies (in Norwegian) — Spring 2008
Bachelor course INF101, University of Bergen

Trainer, European Computer Driving License (ECDL)-like courses (in Italian) — 2004–2005
Computer Usage, File Management, Word Processing, Spreadsheets, and Databases

Supervision

Jakob Høgenes, Master student in Engineering Cybernetics, NTNU. Summer internship at SINTEF. — 2014

Nikolay Nikolov, International Master student in Service Engineering, Tilburg University, University of Stuttgart, and University of Crete. Master thesis at SINTEF. — 2014

Tudor Domnita, Bachelor student in Computer Science, Technical University of Cluj-Napoca. Summer internship at SINTEF. — 2013

Languages

Mother tongue **Italian**

Other languages[1]

	Understanding				Speaking				Writing	
	Listening		Reading		Interaction		Production			
English[2]	C2	Fluent	C2	Fluent	C2	Fluent	C2	Fluent	C2	Fluent
Norwegian (Bokmål)[3]	C2	Fluent	C2	Fluent	C2	Fluent	C2	Fluent	C2	Fluent
Spanish	C1	Fluent	C1	Fluent	B2	Independent	B2	Independent	B2	Independent

Personal interests

Science, Technology, Traveling, Photography, Languages, Communication, Food, Wine, Movies, Music, Hiking

Publications

Books and edited proceedings

[1] Proceedings of the Doctoral Symposium of Formal Methods 2015
Bernhard K. Aichernig, Alessandro Rossini
University of Oslo, 2015
ISBN: 978-82-7368-410-3

[2] Cloud Service Brokerage 2014: Towards the Multi-cloud Ecosystem
Anthony J. H. Simons, Alessandro Rossini, Iraklis Paraskakis, Jens Jensen
Advances in Service-Oriented and Cloud Computing—Workshops of ESOCC 2014, 2015, Springer
DOI: 10.1007/978-3-319-14886-1_12

Peer-reviewed journals

[1] The cloud application modelling and execution language
Achilleas Achilleos, Kyriakos Kritikos, Alessandro Rossini, Georgia Kapitsaki, Jörg Domaschka, Michal Orzechowski, Daniel Seybold, Frank Griesinger, Nikolay Nikolov, Daniel Romero, George Papadopoulos
Journal of Cloud Computing 8 (2019), Springer
DOI: 10.1186/s13677-019-0138-7

[2] A Systematic Review of Cloud Modeling Languages
Alexander Bergmayr, Uwe Breitenbücher, Nicolas Ferry, Alessandro Rossini, Arnor Solberg, Manuel Wimmer, Gerti Kappel, Frank Leymann
ACM Computing Surveys 51.1 (2018), 22:1–22:38, ACM
DOI: 10.1145/3150227

[3] CloudMF: Model-Driven Management of Multi-Cloud Applications
Nicolas Ferry, Franck Chauvel, Hui Song, Alessandro Rossini, Maksym Lushpenko, Arnor Solberg
ACM Transactions on Internet Technology 18.2 (2018), 16:1–16:24, ACM
DOI: 10.1145/3125621

[4] A formalisation of deep metamodelling
Alessandro Rossini, Juan de Lara, Esther Guerra, Adrian Rutle, Uwe Wolter
Formal Aspects of Computing 26.6 (2014), pp. 1115–1152, Springer
DOI: 10.1007/s00165-014-0307-x

[5] A formal approach to the specification and transformation of constraints in MDE
Adrian Rutle, Alessandro Rossini, Yngve Lamo, Uwe Wolter
Journal of Logic and Algebraic Programming 81.4 (2012), pp. 422–457, Elsevier
DOI: 10.1016/j.jlap.2012.03.006

[6] A formalisation of the copy-modify-merge approach to version control in MDE
Alessandro Rossini, Adrian Rutle, Yngve Lamo, Uwe Wolter
Journal of Logic and Algebraic Programming 79.7 (2010), pp. 636–658, Elsevier
DOI: 10.1016/j.jlap.2009.10.003

Peer-reviewed conference proceedings

[1] Handling constraints in model versioning
Alessandro Rossini, Adrian Rutle, Yngve Lamo, Uwe Wolter
COMMitMDE 2018: 3rd International Workshop on Collaborative Modelling in MDE, 2018, CEUR
URL: http://ceur-ws.org/Vol-2245/commitmde_paper_3.pdf

[2] Experiences of Models@run-time with EMF and CDO
Daniel Seybold, Jörg Domaschka, Alessandro Rossini, Christopher B. Hauser, Frank Griesinger, Athanasios Tsitsipas
SLE 2016: 9th ACM SIGPLAN International Conference on Software Language Engineering, 2016, ACM
DOI: 10.1145/2997364.2997380

[3] Integration of DSLs and Migration of Models: A Case Study in the Cloud Computing Domain
Nikolay Nikolov, Alessandro Rossini, Kyriakos Kritikos
Procedia Computer Science 68 (2015), pp. 53–66, Elsevier
DOI: 10.1016/j.procs.2015.09.223

[4] Beyond Mere Application Structure: Thoughts on the Future of Cloud Orchestration Tools
Jörg Domaschka, Frank Griesinger, Daniel Baur, Alessandro Rossini
Procedia Computer Science 68 (2015), pp. 151–162, Elsevier
DOI: 10.1016/j.procs.2015.09.231

[5] The Evolution of CloudML and its Manifestations
Alexander Bergmayr, Alessandro Rossini, Nicolas Ferry, Geir Horn, Leire Orue-Echevarria, Arnor Solberg, Manuel Wimmer
CloudMDE 2015: 3rd International Workshop on Model-Driven Engineering on and for the Cloud, 2015, CEUR
URL: http://ceur-ws.org/Vol-1563/paper3.pdf

[6] Cloud Application Modelling and Execution Language (CAMEL) and the PaaSage Workflow
Alessandro Rossini
Advances in Service-Oriented and Cloud Computing—Workshops of ESOCC 2015, 2016, Springer
DOI: 10.1007/978-3-319-33313-7

[7] A Comparison of Two-Level and Multi-Level Modelling for Cloud-Based Applications
Alessandro Rossini, Juan de Lara, Esther Guerra, Nikolay Nikolov
ECMFA 2015: 11th European Conference on Modelling Foundations and Applications, 2015, Springer
DOI: 10.1007/978-3-319-21151-0_2

[8] SRL: A Scalability Rule Language for Multi-Cloud Environments
Kyriakos Kritikos, Jörg Domaschka, Alessandro Rossini
CloudCom 2014: 6th IEEE International Conference on Cloud Computing Technology and Science, 2014, IEEE Computer Society
DOI: 10.1109/CloudCom.2014.170

[9] CloudMF: Applying MDE to Tame the Complexity of Managing Multi-Cloud Applications
Nicolas Ferry, Hui Song, Alessandro Rossini, Franck Chauvel, Arnor Solberg
UCC 2014: 7th IEEE/ACM International Conference on Utility and Cloud Computing, 2014, IEEE Computer Society
DOI: 10.1109/UCC.2014.36

[10] Advanced Service Brokerage Capabilities as the Catalyst for Future Cloud Service Ecosystems
Anthony J H Simons, Konstantinos Bratanis, Dimitrios Kourtesis, Iraklis Paraskakis, Simeon Veloudis, Yiannis Verginadis, Gregoris Mentzas, Simone Braun, Alessandro Rossini
CCB 2014: the 2nd International Workshop on CrossCloud Systems, 2014, ACM
DOI: 10.1145/2676662.2676675

[11] Continuous Quality Assurance and Optimisation in Cloud-Based Virtual Enterprises
Simeon Veloudis, Iraklis Paraskakis, Andreas Friesen, Yiannis Verginadis, Ioannis Patiniotakis, Alessandro Rossini
Collaborative Systems for Smart Networked Environments—PRO-VE 2014: 15th IFIP WG 5.5 Working Conference on Virtual Enterprises, 2014, Springer
DOI: 10.1007/978-3-662-44745-1_61

[12] Towards a Generic Language for Scalability Rules
Jörg Domaschka, Kyriakos Kritikos, Alessandro Rossini
Advances in Service-Oriented and Cloud Computing—Workshops of ESOCC 2014, 2015, Springer
DOI: 10.1007/978-3-319-14886-1_19

[13] Towards Bridging the Gap Between Scalability and Elasticity
Nicolas Ferry, Gunnar Brataas, Alessandro Rossini, Franck Chauvel, Arnor Solberg
CLOSER 2014: 4th International Conference on Cloud Computing and Services Science—Special Session on Multi-Clouds, 2014, SCITEPRESS
DOI: 10.5220/0004975307460751

[14] Brokerage for Quality Assurance and Optimisation of Cloud Services: An Analysis of Key Requirements
Dimitrios Kourtesis, Konstantinos Bratanis, Andreas Friesen, Yiannis Verginadis, Anthony J.H. Simons, Alessandro Rossini, Antonia Schwichtenberg, Panagiotis Gouvas
Service-Oriented Computing—ICSOC 2013 Workshops, 2014, Springer
DOI: 10.1007/978-3-319-06859-6_14

[15] Models@Runtime to Support the Iterative and Continuous Design of Autonomous Reasoners
Franck Chauvel, Nicolas Ferry, Brice Morin, Alessandro Rossini, Arnor Solberg

MRT 2013: 8th International Workshop on Models@run.time, co-located with MODELS 2013: 16th ACM/IEEE International Conference on Model Driven Engineering Languages and Systems, 2013, CEUR
URL: http://ceur-ws.org/Vol-1079/mrt13_submission_20.pdf

[16] Managing multi-cloud systems with CloudMF
Nicolas Ferry, Franck Chauvel, Alessandro Rossini, Brice Morin, Arnor Solberg
NordiCloud 2013: 2nd Nordic Symposium on Cloud Computing and Internet Technologies, 2013, ACM
DOI: 10.1145/2513534.2513542

[17] Towards model-driven provisioning, deployment, monitoring, and adaptation of multi-cloud systems
Nicolas Ferry, Alessandro Rossini, Franck Chauvel, Brice Morin, Arnor Solberg
CLOUD 2013: 6th IEEE International Conference on Cloud Computing, 2013, IEEE Computer Society
DOI: 10.1109/CLOUD.2013.133

[18] A Graph Transformation-Based Semantics for Deep Metamodelling
Alessandro Rossini, Juan de Lara, Esther Guerra, Adrian Rutle, Yngve Lamo
AGTIVE 2011: 4th International Symposium on Applications of Graph Transformations with Industrial Relevance, 2012, Springer
DOI: 10.1007/978-3-642-34176-2_4

[19] Formalising Metamodel Evolution based on Category Theory
Florian Mantz, Alessandro Rossini, Gabriele Taentzer, Yngve Lamo, Uwe Wolter
NWPT 2011: 23rd Nordic Workshop on Programming Theory, 2011

[20] A Formal Approach to Data Validation Constraints in MDE
Alessandro Rossini, Adrian Rutle, Khalid A. Mughal, Yngve Lamo, Uwe Wolter
TTSS 2011: 5th International Workshop on Harnessing Theories for Tool Support in Software, 2011
ISBN: 82-7368-371-0

[21] Groovy and Grails meet Eclipse Modeling Framework
Kent Inge Fagerland Simonsen, Florian Mantz, Alessandro Rossini, Adrian Rutle
NIK 2010: 23rd Norsk Informatikkonferanse, 2010
ISBN: 978-82-519-2702-4

[22] Constraint-Aware Model Merging
Alessandro Rossini, Adrian Rutle, Florian Mantz, Yngve Lamo, Uwe Wolter
NWPT 2010: 22nd Nordic Workshop on Programming Theory, 2010
ISBN: 978-952-12-2478-2

[23] Towards a Formal Approach to Metamodel Evolution
Florian Mantz, Alessandro Rossini, Adrian Rutle, Yngve Lamo, Uwe Wolter
NWPT 2010: 22nd Nordic Workshop on Programming Theory, 2010
ISBN: 978-952-12-2478-2

[24] Computer Science and Society: Is a New Social Contract Possible?
Alessandro Rossini, Adrian Rutle
ICSIT 2010: International Conference on Society and Information Technologies, 2010, IIIS
ISBN: 978-1-934272-85-5

[25] A Formalisation of Constraint-Aware Model Transformations
Adrian Rutle, Alessandro Rossini, Yngve Lamo, Uwe Wolter
FASE 2010: 13th International Conference on Fundamental Approaches to Software Engineering, 2010, Springer
DOI: 10.1007/978-3-642-12029-9_2

[26] Constraint-Aware Model Transformations
Adrian Rutle, Alessandro Rossini, Yngve Lamo, Uwe Wolter
NWPT 2009: 21st Nordic Workshop on Programming Theory, 2009
ISBN: 978-87-643-0565-4

[27] Data Validation Constraints in MDE
Alessandro Rossini, Adrian Rutle, Federico Mancini, Dag Hovland, Khalid A. Mughal, Yngve Lamo, Uwe Wolter
NWPT 2009: 21st Nordic Workshop on Programming Theory, 2009
ISBN: 978-87-643-0565-4

[28] A Diagrammatic Formalisation of MOF-Based Modelling Languages
Adrian Rutle, Alessandro Rossini, Yngve Lamo, Uwe Wolter
TOOLS 2009: 47th International Conference on Objects, Components, Models and Patterns, 2009, Springer
DOI: 10.1007/978-3-642-02571-6_4

[29] A Category-Theoretical Approach to the Formalisation of Version Control in MDE

Adrian Rutle, Alessandro Rossini, Yngve Lamo, Uwe Wolter
FASE 2009: 12th International Conference on Fundamental Approaches to Software Engineering, 2009, Springer
DOI: 10.1007/978-3-642-00593-0_5

[30] Automatic Definition of Model Transformations at the Instance Level
Adrian Rutle, Alessandro Rossini, Yngve Lamo, Uwe Wolter
NWPT 2008: 20th Nordic Workshop on Programming Theory, 2008
ISBN: 978-9949-430-24-6

[31] Version Control in MDE
Adrian Rutle, Alessandro Rossini, Yngve Lamo, Uwe Wolter
NWPT 2008: 20th Nordic Workshop on Programming Theory, 2008
ISBN: 978-9949-430-24-6

[32] A Tentative Analysis of the Factors Affecting the Industrial Adoption of MDE
Adrian Rutle, Alessandro Rossini
ChaMDE 2008: 1st International Workshop on Challenges in Model-Driven Software Engineering, 2008

[33] Weaving Models in Conflict Detection Specifications
Antonio Cicchetti, Alessandro Rossini
SAC 2007: 22nd ACM Symposium on Applied Computing, 2007, ACM
DOI: 10.1145/1244002.1244227

Project deliverables and technical reports

[1] The Cloud Application Modelling and Execution Language (CAMEL)
Alessandro Rossini, Kiriakos Kritikos, Nikolay Nikolov, Jörg Domaschka, Daniel Seybold, Frank Griesinger, Daniel Romero, Michal Orzechowski, Georgia Kapitsaki, Achilleas Achilleos
OPen Access Repository of Ulm University (OPARU) (2017)
DOI: 10.18725/OPARU-4339

[2] D3.1a—Smart Controller Reference Implementation
Alessandro Rossini, Franck Chauvel, Panagiotis Gouvas, Anastasios Zafeiropoulos, Costantinos Vassilakis, Eleni Fotopoulou,
2016

[3] D40.4—Brokerage Framework: Quality Assurance and Optimisation
Alessandro Rossini, Hui Song, Brice Morin, Jakob Høgenes, Simeon Veloudis, Iraklis Paraskakis, Christos Petsos, Anthony J. H. Simons, Raluca Lefticaru, Yiannis Verginadis, Ioannis Patiniotakis,
2015

[4] D2.1.3—CAMEL Documentation
Alessandro Rossini, Kiriakos Kritikos, Nikolay Nikolov, Jörg Domaschka, Frank Griesinger, Daniel Seybold, Daniel Romero,
2015

[5] D2.2—Definition of the ARCADIA Context Model
Panagiotis Gouvas, Alessandro Rossini, Franck Chauvel, Anastasios Zafeiropoulos, Eleni Fotopoulou, Constantinos Vassilakis, Matteo Repetto, Kostas Tsagkaris, Nikos Koutsouris, Katerina Demesticha, Stefan Kovaci, Giovanni Carella,
2015

[6] D40.2—Cloud Service Failure Prevention and Recovery Components of Brokerage Framework
Alessandro Rossini, Brice Morin, Hui Song, Simeon Veloudis, Rustem Dautov,
2014

[7] D2.1.2—CloudML Implementation Documentation (First version)
Alessandro Rossini, Nikolay Nikolov, Daniel Romero, Jörg Domaschka, Kiriakos Kritikos, Tom Kirkham, Arnor Solberg,
2014

[8] D2.1.1—CloudML Guide and Assessment Report
Alessandro Rossini, Arnor Solberg, Daniel Romero, Jörg Domaschka, Kostas Magoutis, Lutz Schubert, Nicolas Ferry, Tom Kirkham,
2013

[9] D4.1—Analysis of existing Cloud technologies and Cloud modelling concepts and prototype requirements
Nicolas Ferry, Arnor Solberg, Alessandro Rossini, Santo Lombardo, Oscar Locatelli, Marco Brambilla, Marcos Almeida, Anthonin Abhervé,
2013

[10] Conflict Detection Specifications for the Singleton Design Pattern
Antonio Cicchetti, Alessandro Rossini,

2006

Newspapers and magazines

[1] IT-kostnadsstyring kan hjelpe deg når du må koronakutte i budsjettet
Alessandro Rossini
Computerworld (Dec. 2020)
URL: https://www.cw.no/artikkel/debatt/it-kostnadsstyring-kan-hjelpe-deg-nar-du-ma-koronakutte-budsjettet

[2] Tre tiltak for å sikre digitale arbeidsplasser i «den nye normalen»
Alessandro Rossini
Teknisk Ukeblad 0520 (May 2020), pp. 102–2013
URL: https://karriere360.no/artikler/tre-tiltak-for-a-sikre-digitale-arbeidsplasser-i-den-nye-normalen/496070

[3] Vi kan gå glipp av den neste store oppfinnelsen
Alessandro Rossini
Dagens Næringsliv (Mar. 2019), p. 41
URL: https://www.dn.no/teknologi/teknologi/innovasjon/morgendagens-naringsliv/vi-kan-ga-glipp-av-den-neste-store-oppfinnelsen/2-1-570042

[4] Bygg bro over teknologiens «valley of death»
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[3] Bridging the technological "valley of death"
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[5] Model-Driven Engineering and Cloud Management Platforms
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[6] What industry wants from academia
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[7] What industry wants from academia
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[8] Differences between academia and industry
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[9] The lessons I have learned in more than four years at SINTEF
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[10] Model-Driven Engineering of Cloud Applications
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[11] Cloud Application Modelling with CAMEL
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[30] A Graph Transformation-Based Semantics for Deep Metamodelling
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