

BorisBaldassari

Software Engineering & Open Source Expert

Elaborating smart and elegant solutions to complex problems. Setting up concerted, documented and pragmatic processes to implement them. Collecting, processing, and presenting data for a better, factual management. Connecting, integrating, interoperating people and communities. Working together, inclusively and collaboratively, to make a better world.

contact

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BorisBaldassari @ GitHub

borisbaldassari @ LinkedIn

languages

french (native)

english (fluent)

keywords

open source

ecosystem

community

software quality

development process

industrialization

machine learning

software ethics

tools automation

data mining

data visualisation

experience

- 2021– **Eclipse Foundation Europe** France, EU, world
Software Engineer, Open-Source Expert, Community manager
Topics: AI, Kubernetes, open source, community building, projects onboarding.
- 2018–2021 **Crédit Agricole CAGIP** Paris, France
Software Engineering Consultant
Provide group-wide support on IBM Rational Synergy/Change. DevOps support.
- 2015–2022 **Castalia Solutions** Paris, France
Software Engineering Consultant & Owner
Audits, Consulting, Training, Research and Development.
Quality assessment, Tools and methods, Software data mining and visualisation.
- 2011–2014 **SQuORING Technologies** Toulouse, France
Software Quality Officer & Consultant
Consulting, QA, Research and Development for the SQuORE platform.
Quality models, Quality assurance, Testing, Selenium, Jenkins, OSLC, Perl, Java.
- 2009–2011 **Dellos Consulting** Paris, France
Software Engineering Consultant & Owner
Consulting on software development methods and tools.
IBM Rational tools: Synergy, Change, BuildForge, Team Concert.
- 2008–2009 **IBM Rational Software** Paris, France
Software Engineering Consultant (Professional Services)
Consulting and Training on IBM Rational Synergy, Change, BuildForge.
- 2005–2008 **Telelogic Professional Services** Paris, France
Software Engineering Consultant (Professional Services)
Consulting and Training on Telelogic toolsuite: Synergy, Change, ObjectMake.

education

- 2011–2014 **Doctor of Philosophy (Ph.D.)** Université de Lille – Lille I
Mining Software Engineering Data for Useful Knowledge
How data mining techniques help understanding and improving software projects.
- 2002–2003 **D.E.A.** Université Joseph Fourier – Grenoble I
Computing and Communication Systems
Early metrics retrieval and analysis in UML models.
- 1997–2003 **Engineering degree** Institut National Polytechnique de Grenoble
Computing science, Network, Management.

skills

Development

Python, Shell, Perl, R/RMarkdown, Java, APIs, Duct Tape™.

Software Engineering

Software forges, configuration and change management, build & release, continuous integration, testing and software quality, traceability and reporting over the full development process, heterogeneous systems and networks.

Tools

GitHub, GitLab, ORT/ScanCode, Tuleap, Kubernetes, Jenkins/Pipelines, Git, IBM Rational Synergy/Change/BuildForge.

projects

Current : AICE working group, OSPO Alliance, OW2 Good Governance, AURA, Software Heritage.

Completed : Alambic, Eclipse DataEggs, Crossminer, Maisqual, PolarSys Maturity Assessment.

publications

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|------|---|
| 2019 | Eclipse SCAVA: Helping software developers select the right open source components
ICSE 2019 / OSS 2019, May 2019 |
| 2017 | Ethical consequences of software practice
EclipseCon Europe, October 2017 |
| 2016 | Alambic: An Open-Source Platform for Software Engineering Data Management. The Case of Embedded Software Development
International Conference on Software & Systems Engineering and their Applications 2016 |
| 2015 | Open Development data within Eclipse: please help yourself
EclipseCon France 2015 |
| 2014 | Assessing project quality for improvement: the PolarSys Maturity Assessment initiative
EclipseCon Europe 2014 |
| 2014 | Understanding Software Evolution: The Maisqual Ant Data Set
Mining Software Repositories 2014 |
| 2013 | Software Quality: The Eclipse Way and Beyond EclipseCon France 2013 |
| 2012 | SQuORE: a novel approach to software project assessment
International Conference on Software & Systems Engineering and their Applications 2012 |
| 2007 | Eclipse Process Framework and Telelogic Harmony
Telelogic User Group Conference 2007 |
| 2006 | Doors/Change/Synergy: Traceability from requirements to code
Telelogic User Group Conference 2006 |
| 2004 | Early Metrics for Object Oriented Designs
International Workshop on Testability Assessment, 2004 |

interests

Professional: software development methods and tools, software quality, data analysis & visualisation, ethics, free software.

Personal: playing guitar, chess, reading books, cruising dutch barges, free software and communities, being part of a community.