

Boris Baldassari

Software Engineering Expert



contact

Castalia Solutions
10 Rue de Penthièvre,
75008 Paris
France

+33 (0) 6 48 03 82 89

<http://castalia.solutions>
<http://castalia.camp>

boris.baldassari
@castalia.solutions

boris.baldassari
@ Skype

BorisBaldassari
@ Twitter

borisbaldassari
@ LinkedIn

languages

french (native)
english (fluent)

keywords

software quality
development process
tools automation
quality models
data mining
open source
data visualisation
programming

Helping customers to get the most out of systems and processes is sometimes hard to achieve, although of undeniable necessity. From team meetings to server deployment, from training to audits, a widespread understanding of situations brings a global vision to problems and their solutions.

My professional choices are oriented toward more challenges and knowledge, and aimed at better doing what we can do from what we have. Methods and tools are great challenges, being both mandatory and not well understood by most users in a company. We have to better integrate them for a seamless and intuitive use, by educating users and treating them as our customers.

experience

- 2015– **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, Research and Development for the SQuORE platform, Quality assurance.
Quality models, Quality assurance, Testing, Selenium, Jenkins, OSLC, Perl, Java.
- 2009–2011 **Dellos Consulting** Paris, France
Software Engineering Consultant, Owner
Consulting services on software development methods and tools: customisation, evolutions, maintenance.
IBM Rational tools: Synergy, Change, BuildForge, Team Concert.
- 2008–2009 **IBM Rational Software** Paris, France
Software Engineering Consultant (Professional Services)
Consulting and Training on the IBM Rational toolsuite.
IBM Rational tools: Synergy, Change, BuildForge, Team Concert.
- 2005–2008 **Telelogic Professional Services** Paris, France
Software Engineering Consultant (Professional Services)
Consulting and Training on Telelogic toolsuite.
Telelogic tools: Synergy, Change, ObjectMake.
- 2004–2005 **CELLon France** Le Mans, France
Software Engineer
Selection, deployment and administration of Telelogic Synergy/Change for approx. 150 users worldwide.

education

- 2011–2014 **Doctor of Philosophy (Ph.D.)** in Computing Science Université de Lille – Lille I
Mining Software Engineering Data for Useful Knowledge
This thesis explored how data mining techniques can help in the understanding and improvement of software quality projects.
- 2002–2003 **D.E.A.** Computing and Communication Systems Université Joseph Fourier – Grenoble I
Worked on early metrics retrieval and analysis in UML models.
- 1997–2003 **Engineering degree** Institut National Polytechnique de Grenoble
Computing science, Network, Management.

skills

Social

Customer dedication, Communication, Collaboration, Fluent in French and English (written, spoken).

Programming

Perl, Java, JavaScript, Shell, HTML/CSS, XML/XSLT, Docbook, \LaTeX , OSLC.

Software Engineering

Configuration management, Change management, Software quality, Testing, Continuous integration, Tools automation, Build management, Complex development workflows, ALM traceability and reporting (BI & software dashboards), Heterogeneous networked environments (servers administration, cloud, remote access).

Tools

Configuration Management: Git, Subversion, CVS, IBM Rational Synergy.

Change management: Bugzilla, IBM Rational Change, common ITS (GitHub, SourceForge, etc.).

Software Quality: Squore, Kiuwan, PMD, FindBugs, SonarQube.

Scheduling & Build: Hudson/Jenkins, IBM Rational BuildForge, Ant, Maven.

Visualisation: R, R/ggplot2, R/htmlwidgets, D3.js, Floatr2, plot.ly.

publications

- 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
- 2014 **De l'ombre à la lumière : plus de visibilité sur l'Eclipse**
Extraction et Gestion des Connaissances 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 **Implementing a Continuous Build & Integration Process with Telelogic Synergy and CruiseControl**
Telelogic Synergy Agile Tour 2007
- 2006 **Doors/Change/Synergy: Traceability from requirement to code**
Telelogic User Group Conference 2006
- 2005 **Building a Telelogic Change plugin for Eclipse**
Telelogic User Group Conference 2005
- 2004 **Early Metrics for Object Oriented Designs**
International Workshop on Testability Assessment, 2004

interests

Professional: software development, software quality, methods and tools, data analysis, data visualisation, open-source.

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