

Publications of Romain Robbes by type

Type A

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3. Romain Robbes, Michele Lanza, Lile Hattori. Refining Code Ownership with Synchronous Changes. *Empirical Software Engineering (EMSE)* 17(4-5):467-499, Aug 2012. Springer-Verlag, Berlin/Heidelberg, Germany. ISSN 1382-3256.
4. Marco D'Ambros, Michele Lanza, Romain Robbes. Evaluating Defect Prediction Approaches: A Benchmark and an Extensive Comparison. *Empirical Software Engineering (EMSE)* 17(4-5):531-577, Aug 2012. Springer-Verlag, Berlin/Heidelberg, Germany. ISSN 1382-3256.
5. Felipe Bañados, Romain Robbes, Alexandre Bergel, Walter Binder. Execution Profiling Blueprints. *Software: Practice and Experience* 42(9):1165-1192, Sep 2012. John Wiley & Sons, Hoboken, NJ, USA. ISSN 0038-0644.
6. Oscar Callau, Romain Robbes, Éric Tanter, David Roethlisberger. How (and Why) Developers Use the Dynamic Features of Programming Languages: the Case of Smalltalk. *Empirical Software Engineering (EMSE)* 18(6):1156-1194, Dec 2013. Springer-Verlag, Berlin/Heidelberg, Germany. ISSN 1382-3256.
7. Romain Robbes, René Vidal, Cecilia Bastarrica. Are Software Analytics Efforts Worthwhile for Small Companies? The Case of Amisoft. *IEEE Software* 30(5):46-53, Sep 2013. IEEE Press, Piscataway, NJ, USA. ISSN 0740-7459.
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9. Stefan Hanenberg, Sebastian Kleinschmager, Romain Robbes, Éric Tanter, Andreas Stefik. An Empirical Study on the Impact of Static Typing on Software Maintainability. *Empirical Software Engineering (EMSE)* 19(5):1335-1382, Oct 2014. Springer-Verlag, Berlin/Heidelberg, Germany. ISSN 1382-3256.
10. Oscar Callau, Romain Robbes, Éric Tanter, David Roethlisberger, Alexandre Bergel. On the Use of Type Predicates in Object-Oriented Software: The Case of Smalltalk. *ACM SIGPLAN Notices (SIGPLAN)* 50(2):135-146, Feb 2015. ACM Press, New York, NY, USA. ISSN 0362-1340.

11. Romain Robbes, David Roethlisberger, Éric Tanter. Object-Oriented Software Extensions in Practice. *Empirical Software Engineering (EMSE)* 20(3):745-782, Jun 2015. Springer-Verlag, Berlin/Heidelberg, Germany. ISSN 1382-3256.
12. Luis Carlos Cruz Diaz, Heider Sanchez, Victor Gonzalez, Romain Robbes. Work Fragmentation in Developer Interaction Data. *Journal of Software: Evolution and Process (JSEP)* 29(3):e1839, Mar 2017. John Wiley & Sons, Hoboken, NJ, USA. ISSN 2047-7481.
13. Quinten David Soetens, Romain Robbes, Serge Demeyer. Changes as First-Class Citizens: A Research Perspective on Modern Software Tooling. *ACM Computing Surveys (CSUR)* 50(2):article 18, Apr 2017. ACM Press, New York, NY, USA. ISSN 0360-0300.
14. Sergio Ochoa, Romain Robbes, Maira Marques, Luis Silvestre, Alcides Quispe. What Differentiates Chilean Niche Software Companies: Business Knowledge and Reputation. *IEEE Software* 34(3):96-103, May 2017. IEEE Press, Piscataway, NJ, USA. ISSN 0740-7459.

Type B

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Type H

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Type I

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Type K

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2. Romain Robbes, Gregorio Robles, ed. *Proceedings of the 13th International Workshop on Principles of Software Evolution (IWPSE)*, Aug 2013. Saint Petersburg, Russia. ACM Press, New York, NY, USA.
3. Ralf Lämmel, Rocco Oliveto, Romain Robbes, ed. *Proceedings of the 20th Working Conference on Reverse Engineering (WCRE)*, Oct 2013. Koblenz, Germany. IEEE Computer Society Press, Los Alamitos, CA, USA.

4. Massimiliano Di Penta, Martin Pinzger, Romain Robbes, ed. *Proceedings of the 12th IEEE Working Conference on Mining Software Repositories (MSR)*, May 2015. Florence, Italy. ACM Press, New York, NY, USA. ISBN 978-0-7695-5594-2.
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3. Richard Wettel, Michele Lanza, Romain Robbes. Software Systems as Cities: A Controlled Experiment. In *Proc. 33rd ACM/IEEE International Conference on Software Engineering (ICSE)*, pp. 551-560, May 2011. ACM Press, New York, NY, USA. ISBN 978-1-4503-0445-0.
4. Romain Robbes, David Roethlisberger, Éric Tanter. Extensions during Software Evolution: Do Objects Meet Their Promise?. In James Noble (ed.), *Proc. European Conference on Object-Oriented Programming (ECOOP)*, pp. 28-52, Jun 2012. Beijing, China. Springer-Verlag, Berlin/Heidelberg, Germany. Lecture Notes in Computer Science.
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7. Cecilia Bastarrica, Gerardo Matrurri, Romain Robbes, Luis Silvestre, René Vidal. How does Quality of Formalized Software Processes Affect Adoption?. In Matthias Jarke, John Mylopoulos, Christoph Quix, Colette Rolland, Yannis Manolopoulos, Haralambos Mouratidis, Jennifer Horkoff (ed.), *Proc. 26th International Conference Advanced Information Systems*

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9. Meiyappan Nagappan, Romain Robbes, Yasutaka Kamei, Éric Tanter, Shane McIntosh, Audris Mockus, Ahmed E. Hassan. An Empirical Study of Goto in C Code from GitHub Repositories. In *Proc. 10th ACM SIGSOFT Symposium on Foundations of Software Engineering (FSE)*, pp. 404-414, Aug 2015. Bergamo, Italy. ACM Press, New York, NY, USA. ISBN 978-1-4503-3675-8.
10. Andre Hora, Marco Tulio Valente, Romain Robbes, Nicolas Anquetil. When Should Internal Interfaces be Promoted to Public?. In T. Zimmermann, J. Cleland-Huang, Z. Su (ed.), *Proc. 24th ACM SIGSOFT Symposium on Foundations of Software Engineering (FSE)*, pp. 278-289, Nov 2016. Seattle, USA. ACM Press, New York, NY, USA. ISBN 978-1-4503-4218-6.

Type L1

1. Romain Robbes, Damien Pollet, Michele Lanza. Replaying IDE Interactions to Evaluate and Improve Change Prediction Approaches. In Jim Whitehead, Thomas Zimmermann (ed.), *Proc. 7th IEEE Working Conference on Mining Software Repositories (MSR)*, pp. 161-170, May 2010. Cape Town, South Africa. IEEE Press, Piscataway, NJ, USA. ISBN 978-1-4244-6802-7.
2. Marco D'Ambros, Michele Lanza, Romain Robbes. An Extensive Comparison of Bug Prediction Approaches. In Jim Whitehead, Thomas Zimmermann (ed.), *Proc. 7th IEEE Working Conference on Mining Software Repositories (MSR)*, pp. 31-41, May 2010. Cape Town, South Africa. IEEE Press, Piscataway, NJ, USA. ISBN 978-1-4244-6802-7.
3. Romain Brixtel, Mathieu Fontaine, Boris Lesner, Cyril Bazin, Romain Robbes. Language-Independent Clone Detection Applied to Plagiarism Detection. In Massimiliano Di Penta, Cristina Marinescu, Jurgen Vinju (ed.), *Proc. 10th IEEE International Working Conference on Source Code Analysis and Manipulation (SCAM)*, pp. 77-86, Sep 2010. Timisoara, Romania. IEEE Press, Piscataway, NJ, USA. ISBN 978-0-7695-4178-5.
4. Oscar Callau, Romain Robbes, Éric Tanter, David Rothlisberger. How Developers use the Dynamic Features of Programming Languages: The Case of Smalltalk. In *Proc. 8th IEEE Working Conference on Mining Software Repositories (MSR)*, pp. 23-32, May 2011. Honolulu, Hawaii, USA. ACM Press, New York, NY, USA. Best Paper Award.

5. Romain Robbes, Mircea Lungu. A Study of Ripple Effects in Software Ecosystems. In *Proc. 33rd ACM/IEEE International Conference on Software Engineering (ICSE)*, pp. 904-907, May 2011. ACM Press, New York, NY, USA. ISBN 978-1-4503-0445-0.
6. Fernando Olivero, Michele Lanza, Marco D'Ambros, Romain Robbes. Enabling Program Comprehension through a Visual Object-Focused Development Environment. In Brad Myers, Gennaro Costagliola, and Andrew Ko (ed.), *Proc. IEEE Symposium on Visual Languages and Human-Centric Computing (VL/HCC)*, pp. 127-134, Sep 2011. Pittsburgh, PA, USA. IEEE Press, Piscataway, NJ, USA. ISBN 978-1-4577-1246-3.
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13. Nevena Milojkovic, Andrea Caracciolo, Mircea Lungu, Oscar Nierstrasz, David Roethlisberger, Romain Robbes. Polymorphism in the Spotlight: Studying Its Prevalence in Java and Smalltalk. In *Proc. 23rd IEEE International Conference on Program Comprehension*

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14. Heider Sanchez, Romain Robbes, Victor Gonzalez. An Empirical Study of Work Fragmentation in Software Evolution Tasks. In *Proc. 22nd IEEE International Conference on Software Analysis, Evolution, and Reengineering (SANER)*, pp. 251-260, Mar 2015. Montréal, Canada. IEEE Computer Society Press, Los Alamitos, CA, USA.
15. Gleison Brito, Andre Hora, Marco Tulio Valente, Romain Robbes. Do Developers Deprecate APIs with Replacement Messages? A Large-Scale Analysis on Java Systems. In *Proc. 23rd IEEE International Conference on Software Analysis, Evolution, and Reengineering (SANER)*, pp. 360-369, Mar 2016. Osaka, Japan. IEEE Computer Society Press, Los Alamitos, CA, USA.
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Type L2

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Type N

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Type Q

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