

Contents

Projects, Communication, and Participation

Considering the Use of Walled Gardens for FLOSS Project Communication . . . <i>Megan Squire</i>	3
Investigating Relationships Between FLOSS Foundations and FLOSS Projects <i>Juho Lindman and Imed Hammouda</i>	14
Designing for Participation: Three Models for Developer Involvement in Hybrid OSS Projects <i>Hanna Mäenpää, Terhi Kilamo, Tommi Mikkonen, and Tomi Männistö</i>	23
Principled Evaluation of Strengths and Weaknesses in FLOSS Communities: A Systematic Mixed Methods Maturity Model Approach. <i>Sandro Andrade and Filipe Saraiva</i>	34

Posters and Tools

Measuring Perceived Trust in Open Source Software Communities <i>Mahbubul Syeed, Juho Lindman, and Imed Hammouda</i>	49
The Open Source Officer Role – Experiences <i>Carl-Eric Mols, Krzysztof Wnuk, and Johan Linåker</i>	55
Digging into the Eclipse Marketplace <i>Jacob Krüger, Niklas Corr, Ivonne Schröter, and Thomas Leich</i>	60

Licensing, Strategies, and Practices

How are Developers Treating License Inconsistency Issues? A Case Study on License Inconsistency Evolution in FOSS Projects <i>Yuhao Wu, Yuki Manabe, Daniel M. German, and Katsuro Inoue</i>	69
Addressing Lock-in, Interoperability, and Long-Term Maintenance Challenges Through Open Source: How Can Companies Strategically Use Open Source?. <i>Björn Lundell, Jonas Gamalielsson, Stefan Tengblad, Bahram Hooshyar Yousefi, Thomas Fischer, Gert Johansson, Bengt Rodung, Anders Mattsson, Johan Oppmark, Tomas Gustavsson, Jonas Feist, Stefan Landemoo, and Erik Lönroth</i>	80

Understanding the Effects of Practices on KDE Ecosystem Health	89
<i>Simone da Silva Amorim, John D. McGregor,</i> <i>Eduardo Santana de Almeida, and Christina von Flach Garcia Chavez</i>	

Challenges in Validating FLOSS Configuration.	101
<i>Markus Raab and Gergö Barany</i>	

Case Studies

Progression and Forecast of a Curated Web-of-Trust: A Study on the Debian Project’s Cryptographic Keyring	117
<i>Gunnar Wolf and Víctor González Quiroga</i>	

Understanding When to Adopt a Library: A Case Study on ASF Projects . . .	128
<i>Akinori Ihara, Daiki Fujibayashi, Hirohiko Suwa,</i> <i>Raula Gaikovina Kula, and Kenichi Matsumoto</i>	

Adoption of Academic Tools in Open Source Communities: The Debian Case Study	139
<i>Pietro Abate and Roberto Di Cosmo</i>	

Assessing Code Authorship: The Case of the Linux Kernel	151
<i>Guilherme Avelino, Leonardo Passos, Andre Hora,</i> <i>and Marco Tulio Valente</i>	

Project Management, Development and Evaluation

Release Early, Release Often and Release on Time. An Empirical Case Study of Release Management	167
<i>Jose Teixeira</i>	

Technical Lag in Software Compilations: Measuring How Outdated a Software Deployment Is	182
<i>Jesus M. Gonzalez-Barahona, Paul Sherwood, Gregorio Robles,</i> <i>and Daniel Izquierdo</i>	

OSSpal: Finding and Evaluating Open Source Software.	193
<i>Anthony I. Wasserman, Xianzheng Guo, Blake McMillian, Kai Qian,</i> <i>Ming-Yu Wei, and Qian Xu</i>	

Longitudinal Analysis of the Run-up to a Decision to Break-up (Fork) in a Community	204
<i>Amirhosein “Emerson” Azarbakht and Carlos Jensen</i>	

Author Index	219
-------------------------------	------------

Open Source Systems: Towards Robust Practices

13th IFIP WG 2.13 International Conference, OSS 2017,
Buenos Aires, Argentina, May 22-23, 2017, Proceedings
Balaguer, F.; Di Cosmo, R.; Garrido, A.; Kon, F.; Robles,
G.; Zacchiroli, S. (Eds.)

2017, XIV, 220 p. 37 illus., Hardcover

ISBN: 978-3-319-57734-0