

Workshop de Software Livre 2017: an edition without FISL

Daniel Nehme Müller¹, Roland Teodorowitsch², Claudio Fernando Resin Geyer³

¹ Conexum - Sistemas Computacionais Inteligentes Ltda.
Faculdade Monteiro Lobato (FATO)
Porto Alegre – RS – Brazil

²Pontifícia Universidade Católica do Rio Grande do Sul (PUCRS)
Porto Alegre – RS – Brazil
Universidade Luterana do Brasil (ULBRA)
Canoas – RS – Brazil

³Instituto de Informática – Universidade Federal do Rio Grande do Sul (UFRGS)
Porto Alegre – RS – Brazil

daniel@conexum.com.br, roland.teodorowitsch@pucrs.br, geyer@inf.ufrgs.br

***Abstract.** “Workshop de Software Livre” is an academic event focused on themes related to free and open source software. This meta-paper describes the seventeenth edition of the event bringing information about the workshop and presenting the papers submitted.*

1. Introduction

Despite the eighteenth edition of *Workshop de Software Livre* (WSL) has occurred without FISL (International Free Software Forum), we feel the need to maintain the resistance to provide an event that values free software in the academy. These proceedings are published the articles in this year 2017, which covered a wide range of topics, ranging from specific topics networks to managerial aspects of systems. Even without FISL occurring, we provided a preparatory event to the next FISL 18, which occurred along with WSL, in the search to maintain the debates about the importance of free software for society, and especially for the scientific community.

In this year of 2017, the call for papers took place from March to May, using the EasyChair platform to publish the announcement ¹ and receive the articles. In WSL, there are two modalities of publication of articles: research (call for papers) or software (call for tools). In the case of software, the source code must be free and delivered together with the final version of the text, once approved.

The articles are peer reviewed within their specialty. It is required that the manuscripts be original, have a theoretical basis and be written in Portuguese, Spanish or English. Accepted and presented articles are published in the on-line proceedings, available for free access on <http://wsl.softwarelivre.org/>.

Next, we compute the numbers of this WSL, report the articles presented and give a brief description of the preparatory event for FISL 18 (Pre-FISL18). We hope that this proceedings is beneficial for the entire scientific community, as a free software developer and for society as a whole.

¹<https://easychair.org/cfp/wsl2017>

2. Numbers

For the WSL 2017 edition, 12 papers were submitted and 7 papers were accepted. From the 7 papers accepted, 2 were submitted to tool's track while 5 were submitted to general track.

WSL 2017 edition was organized by 3 chairs and the program committee was composed by a group of 20 members (see section 5). Each paper was reviewed by at least 3 reviewers, performing more than 36 reviews. From those 7 papers accepted, 6 were presented during the workshop and their texts were published in the proceedings.

3. Papers presented

On July 10, 2017, the articles approved in the review process were presented in open session to the public. The presentations took place in PUCRS auditorium and the presentations are available on the WSL programming page: <http://softwarelivre.org/wsl/2017/program/>.

The chairs began the session with an analysis of the history of WSL in its 18 years of execution, and the current context of free software development in the academy. It was pointed out that scientific research, when publishing its findings, makes open science and the software, to be shared, must necessarily be free. Afterwards, we introduce the presentation of the papers.

Jefferson Dalanhol presented *Utilização de Software Livre em Órgãos Públicos de Frederico Westphalen – RS: um estudo de caso*, a case study to identify the potential and limitations of applying SL in public agencies, based on the analysis of its users.

Saulo Queiroz presented the paper *Avaliação de Desempenho de Filas de Prioridades para Manutenção de Rotas no OLSRd: Um Estudo de Caso da Relação Academia-Comunidade*, a case study that evaluates the impact of priority queues on the routes table performance of the wireless routing protocol OLSRd.

Felipe Alves and Jeová Cruz presented *Um Estudo de Caso da Utilização de Softwares Livres no Instituto Federal Campus Floresta*, a study case on free and open source software usage to emphasize relevance of free software in education, as well as to exhibit as advantages of its use by this institution, students and society.

Flávia Arantes presented *Construindo a Identidade de um Projeto Acadêmico de Software Livre - Estudo de Caso com o TelEduc*, a characterization for the TelEduc free software community.

Ricardo Lopes and Nádila Luchini presented *Appers pedagógicos em processo de criação conectiva: a comunidade de desenvolvimento de software*, a trans-generational mobile devices applications analysis to a free digital culture.

Rafael Boufleuer reported *Portal NCC: uma Ferramenta Web de Administração de Usuários, Grupos e Máquinas em um Domínio Educacional*, a web portal developed for the administration of users, groups and machines of the Computing courses.

It was scheduled to have a debate on the importance of free software development at the academy at the end of the presentations. However, this debate was diluted with each presentation, where there was intense participation of the participants.

4. Pre-FISL18

On July 11, 12 and 13, 2017, talks and panels were held to discuss free software in an event called Pre-FISL18, in preparation for FISL 18. The themes discussed were: FISL Identity, Hacker Ethic, Free Cultural Production and Cultural Heritage, Free Entrepreneurship and Professionals, Fislinho (Little FISL project to kids), Software Research in the Public Sector, Blockchains and Cryptocurrencies, Free Technology, Education and Free Knowledge, and Hackerfeminism. Some presentations are available on the WSL programming page: <http://softwarelivre.org/wsl/2017/program/>.

5. Acknowledgments

We thank the program committee, accountable for the invaluable and qualified assistance to the peer-review process. In alphabetical order:

- Alfredo Goldman, IME/Universidade de São Paulo, Brazil;
- Ana Cristina Fricke Matte, Universidade Federal de Minas Gerais, Brazil;
- Antonio Terceiro, COLIVRE, Brazil;
- Bernardo Estácio, Pontifícia Universidade Católica do Rio Grande do Sul, Brazil;
- Carlos Santos Jr., Universidade de Brasília, Brazil;
- Cíntia Inês Boll, Universidade Federal do Rio Grande do Sul, Brazil;
- Daniel Batista, IME/Universidade de São Paulo, Brazil;
- Eduardo Guerra, Instituto Nacional de Pesquisas Espaciais, Brazil;
- Filipe Saraiva, Universidade Federal do Pará, Brazil;
- Gregorio Robles, Universidad Rey Juan Carlos, Spain;
- Igor Steinmacher, Universidade Tecnológica Federal do Paraná, Brazil;
- Igor Wiese, Universidade Tecnológica Federal do Paraná, Brazil;
- Islene Calciolari Garcia, UNICAMP, Brazil;
- Jéferson Campos Nobre, Universidade do Vale do Rio dos Sinos, Brazil;
- Lucas Mello Schnorr, Universidade Federal do Rio Grande do Sul, Brazil;
- Lucio Agostinho Rocha, Universidade Tecnológica Federal do Paraná, Brazil;
- Marco Aurélio Graciotto Silva, Universidade Tecnológica Federal do Paraná, Brazil;
- Paulo Meirelles, Universidade de Brasília, Brazil;
- Rodrigo Rocha Gomes e Souza, Universidade Federal da Bahia, Brazil;
- Sandro Morasca, Università degli Studi dell'Insubria, Italy.

Finally, we thank the entities Associação SoftwareLivre.org (ASL.org) for promoting WSL and Pre-FISL18, and Pontifícia Universidade Católica do Rio Grande do Sul (PUCRS) for providing the venue and equipment for the execution of WSL.