
2 ‘Framework & Standardization’

2.1 ‘Introduction’ (FW-T-01)

Thomas M. Roehr⁽¹⁾

(1) DFKI GmbH, Robotics Innovation Center, Robert-Hooke-Straße 1, 28359 Bremen, Germany

(2) Universität Bremen, Arbeitsgruppe Robotik, Robert-Hooke-Straße 1, 28359 Bremen, Germany

Contact: `thomas.roehr@dfki.de`

Abstract

The introduction of this years project day presents the ongoing activities and highlights the past transition from the gitorious-based internal infrastructure to gitlab. Furthermore, a significant achievement has been made with the automated generation of Debian packages for Rock.

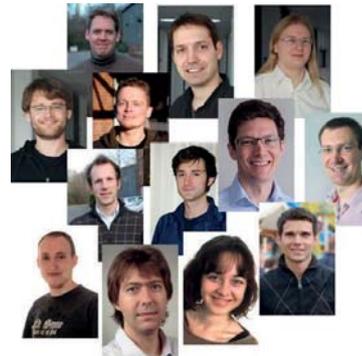


Project Day 2015

AG Framework and Standardization

Introduction by ‚Kümmerner‘ Thomas M. Roehr

DFKI Bremen & Universität Bremen
 Robotics Innovation Center
 Director: Prof. Dr. Frank Kirchner
www.dfki.de/robotics
robotics@dfki.de



Outline



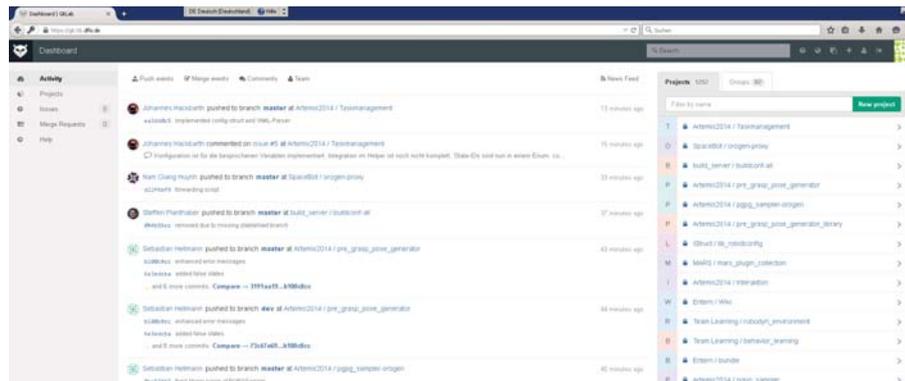
Start	End	Title	Presenter	Duration
09:30	09:40	Introduction	Thomas Röhr	00:10
09:40	10:05	Current software development at DFKI	Jakob Schwendner	00:25
10:05	10:30	LLVM/clang and libTooling -- C++ for machines	Martin Zenzes	00:25
10:30	10:55	Using Pull requests on GitHub -- Experience Report	Steffen Planthaber	00:25
10:55	11:00	<i>Pause</i>		00:05
11:00	11:25	Rock's new HTTP-based API for robot control	Steffen Planthaber	00:25
11:25	11:50	Constraint-Based Planning of Component Networks	Matthias Goldhoorn	00:25
11:50	12:15	Rock for Ruby dyslectics: The C++ Client Library	Janosch Machowinski	00:25
12:15	12:20	<i>Pause</i>		
12:20	12:45	A framework for describing manipulation behavior	Malte Wirkus	00:25
12:45	12:55	Rock Tutorials Recap	Raül Dominguez	00:10
12:55	13:00	Cleanup of presentation room	ALL	00:05
		<i>Snack at Empore</i>		



Infrastructure changes



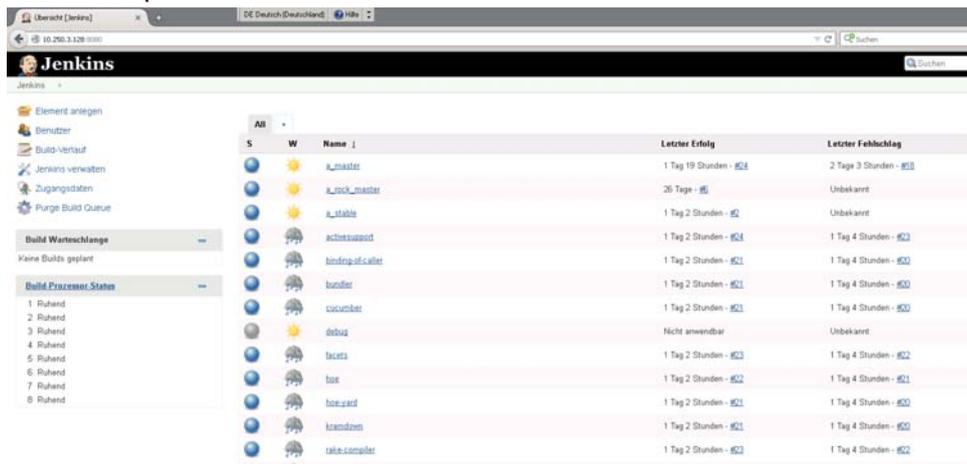
- Rock: moved from gitorious -> github
- Inhouse: moved from gitorious-based infrastructure to gitlab
 - spacegit -> git.hb.dfki.de



Testing phase



- Debian packages for Rock
 - Setup: Jenkins based build server



Ongoing activity



- Improving systems management
 - mainly ,syskit'
 - ▶ aiming to improve modularization
 - ▶ simplification and easing development of 3rd part tools
 - Phase I: detailing status quo and gathering of requirements for improvement (Team) **completed**
 - Phase II: developing proposal for workflow and spec (Power Users) **ongoing**
 - Phase III: discussion an review with external developers (Team+Externals) **not started**
 - Phase IV: specification (Power Users) **not started**
 - Phase V: reference implementation (TBD) **not started**

Outline



Start	End	Title	Presenter	Duration
09:30	09:40	Introduction	Thomas Röhr	00:10
09:40	10:05	Current software development at DFKI	Jakob Schwendner	00:25
10:05	10:30	LLVM/clang and libTooling -- C++ for machines	Martin Zenzes	00:25
10:30	10:55	Using Pull requests on GitHub -- Experience Report	Steffen Planthaber	00:25
10:55	11:00	Pause		00:05
11:00	11:25	Rock's new HTTP-based API for robot control	Steffen Planthaber	00:25
11:25	11:50	Constraint-Based Planning of Component Networks	Matthias Goldhoorn	00:25
11:50	12:15	Rock for Ruby dyslectics: The C++ Client Library	Janosch Machowinski	00:25
12:15	12:20	Pause		
12:20	12:45	A framework for describing manipulation behavior	Malte Wirkus	00:25
12:45	12:55	Rock Tutorials Recap	Raül Dominguez	00:10
12:55	13:00	Cleanup of presentation room	ALL	00:05
<i>Snack at Empore</i>				