

FOSDEM 2018 - Saturday 2018-02-03 (1/9)

	Janson	K.1.105 (La Fontaine)...	H.2215 (Ferrer)	H.1301 (Cornil)	H.1302 (Depage)	H.1308 (Rolin)	H.1309 (Van Rijn)	H.2111	H.2213	H.2214	H.3227	H.3228
09:30	Welcome to FOSDEM 2018											
09:45												
10:00	Consensus as a Service											
10:15												
10:30				The path to Data-plane micro-services		The State of Go	video - It's a lot more than just a HTML5 tag		A real life story about product testing with robotframework	Cypher: An evolving query language for property graphs		
10:45												
11:00	Next Generation Internet Initiative	Python 3: 10 years later		OpenDaylight as a Platform for Network Programmability	De-mystifying contributing to PostgreSQL	Advanced Go debugging with Delve						
11:15												
11:30				Ligato: a platform for development of cloud-native VNFs		Networking deepdive	Rendering of subtitles in HTML5 with imscJS		Piece of cake	Cypher for Apache Spark		
11:45												
12:00	Unix Architecture Evolution from the 1970 PDP-7 to the 2018 FreeBSD	Surviving in an Open Source Niche: the Pythran case	Easy GnuPG	Networking-VPP	PostgreSQL -- A Crash Course	Testing and Automation in the Era of Containers	An update on VLC and the VideoLAN community			The Computer Science behind a modern distributed data store	GNU Radio Meeting	
12:15			BulletinBoard DHT and wireguard-p2p							Advanced testing in action on a Java project		
12:30				ONAP - A road to network automation			Upspin and a future of the Internet	Kodi v18 features and improvements				
12:45			Nakadi Event Broker									Analyzing Blockchain transactions in Apache Spark
13:00	The circuit less traveled	Lift your Speed Limits with Cython	Connecting the Edge	NFV a' la VDE way	PostgreSQL Replication in 2018	Dep Deep Dive!	What's new in GStreamer?					
13:15											Load testing with Locust	
13:30			PBX on a non-specialized distro				Networking Swiss Army Knife for Go	Update on GStreamer for Embedded Devices				G-CORE: The LDDBC Graph Query Language Proposal
13:45			Urbite: the personal server	Integrating cloud and container projects in the OPNFV community: Cross Community CI								
14:00	Digital Archaeology ↴	Load testing web services at Mozilla with Molotov ↴	Making electronics	Barometer: Taking the pressure off of assurance and resource ...	JITing PostgreSQL using LLVM ↴	The case for interface{} ↴	Modern tools to debug GStreamer applications ↴					
									Simplifying the contr...			

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09:30																					
09:45																					
10:00																					
10:15																					
10:30	BSDCG Exam Session	Convergence of your virtualization and container infrastructures with KubeVirt	Migrating to Red Hat IdM in a large Linux Environment	Declarative Extensions for Kubernetes in Go	Welcome!	The State of OpenJDK		Global Diversity CFP Day ↴													
10:45																					
11:00																					
11:15		A slightly different nesting: KVM on Hyper-V	Æ-DIR -- Authorized Entities Directory	Performance Analysis and Troubleshooting Methodologies for Databases	The OpenJDK Developer Experience	The free toolchain for the STM8															
11:30																					
11:45																					
12:00	Will it blend?	freeIPA installation using Ansible	Monitoring Legacy Java Applications with Prometheus	AMENDMENT JVM Futures	Building RT Linux distribution with Yocto																
12:15																					
12:30									Easily Secure Your Front and Back End app with Keycloak	Google's approach to distributed systems observability for Go	The Z Garbage Collector - An Introduction	How to keep your embedded Linux up and running?									
12:45	Securing Embedded Systems using Virtualization	Identity governance and data protection with midPoint	Rubber 'Duke' Debugging	Automating Your Lights with Open Source																	
13:00								LPI Exam Session 1 ↴								Observability: not just an Ops thing	MethodHandles Everywhere!	Qt in Automotive			
13:15									Unleashing the Power of Unikernels with Unikraft	Implementing a safe and auditable access to customer instances of your SaaS for the support staff with HashiCorp Vault	The LTTng approaches to solving complex problems ↴	Top Ten Metrics for Evaluating your Garbage Collector									
13:30	SaMBa-AD, it works ↴			Android Real Life experience in Production ↴																	
13:45																					
14:00																					

	AW1.120	AW1.121	AW1.125	AW1.126	K.3.201	K.3.401	K.4.201	K.4.401	K.4.601	UA2.114 (Baudoux)	UA2.118 (Henriot)	UA2.220 (Guillissen)
14:15	↳ Maximizing UX for Customizing		↳ Contract-based Programming: a Route to Finding Bugs Earlier	↳ Microkernels in the...	↳ Package management over Tor	↳ CBSD, Isolation man...	↳ Automated system partitioning based on ...	↳ Mir 2018	↳ What community can ...		↳ Firefox: How to ship quality software	
		Debugging realtime application with Ftrace				pkgsr on ChromeOS			You've Got Some Explaining to Do! So Use An FAQ!		Photon Performance	
14:30	Proposal for better font handling in LibreOffice			Reducing CPU usage of a Toro Appliance	The many ways of using Guix packages		KiCad Version 5 New Feature Demo					
14:45												
	Native GTK3 UI							Generic Graphics Tablets in Linux				
15:00		DTrace for Linux			Package Management Unites Us All	syspatch(8)	Designing PCBs with code		Technical Writing for Non-Writers		The future of the internet from a Mozilla perspective	
	LO URI 101		SPARK Language: Historical Perspective & FOSS Development	Rust On L4Re								
15:15												
15:30							horizon - a new star on the EDA sky		A Bug in Your Ear		Making the web faster with the JavaScript Binary AST	
	Hidden Gems in Draw/Impress Part 2	AMENDMENT DWARF Pieces And Other DWARF Location Woes				OpenBSD as house alarm system						
15:45					AMENDMENT Lightning talks			Kodi and Embedded Linux				
16:00	Calc: The challenges of scalable arithmetic		Writing REST APIs with OpenAPI and Swagger Ada		Meet purl: a "mostly" universal software package URL that purrs.				XWiki: a case study on managing corporate and community interests		The MDN Browser Compat Data Project	
16:15												
16:30	EPUB export in LibreOffice Writer	DWARF5 and GNU extensions			How To Make Package Managers Cry	ZFS: Advanced Integration	Proposal for an open and democratic Design Rule format		Moby Project and Docker Inc — Balancing community and corporate needs		Beyond the screen	
16:45				Towards capabilities in HelenOS				The AMD Linux graphics stack, 2018 edition				
	Dialog tunneling in LibreOffice Online											
17:00			Browser-as-GUI and Web Applications with Gnoga		Package Management Panel Discussion		Developing an Open Source Hardware Laptop with KiCAD	Shaders in radeonsi	Asynchronous Decision Making - why and how		Mozilla's DeepSpeech and Common Voice projects	
17:15	LibreOffice for Haiku	Rust versus DWARF versus LLVM										
17:30	Good things come to those who wait - BorderFrames and WriterGraphics			User-level networking on Genode			Component Sourcing for Design and Manufacturing in Shenzhen		Analyzing developers network in a community		Moving from policy to action:	
17:45												
	LibreOffice QA - One Year Overview						An Open Platform for Collecting data for OpenSeaMap	Kernel Graphics Development on Remote Machines				
18:00		Infinity	Easy Ada Tooling with Libadalang									
18:15	LibreOffice's automatic updater work					Reflections on Teaching a Unix Class With FreeBSD		Wayland client basics	Cooperative Communities		The current EU copyright reform proposal: the end of FLOSS in Europe?	
18:30	Lightning talk session		Informal Discussions & Closing	Why hardware and operating system engineers need to talk			Wikilab, architecture & CNC		Why People Don't Contribute To Your Open Source Project		Bugmark	
18:45								A Journey through Upstream Atomic KMS to achieve DP compliance				
									Community DevRoom Con...			

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14:15	↳ LPI Exam Session 1	Leveraging Software Defined Network for virtualization	↳ SaMba-AD, it works	↳ The LTTng approche...		↳ Android Real Life experience in Production		↳ Global Diversity CFP Day		
14:30						Graal: How to use the new JVM JIT compiler in real life				
14:45						The RED Method: How To Instrument Your Services.			Componolit - a component-based open-source platform for trustworthy mobile devices	
15:00		Keeping It Real (Time)	Samba AD in Fedora		JVM startup: why it matters to the new world order		Logging IoT			
15:15										
15:30	LPI Exam Session 2	Distributed File Storage in Multi-Tenant Clouds using CephFS	Samba authentication and authorization							
15:45										
16:00										
16:15			Using Cryptographic Hardware							
16:30	Moving PCI emulation inside of Xen									
16:45										
17:00										
17:15	QEMU in UEFI									
17:30										
17:45										
18:00	Keys to deploy affordable virtual desktops with IsardVDI									
18:15										
18:30										
18:45			Fleet Commander: The efficient way of managing the Desktop profiles of your fleet!							

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09:00				Introduction to the decentralized internet part	Installing software for scientists on a multi-user HPC system		Build your own Skype... in the browser		Introduction to Swift Object Storage	Why you should take a look at Rust?		
09:15				Can we measure the (de)centralisedness of the Internet with R...		The MySQL Ecosystem - understanding it, not running away from it!						
09:30				Get your decentralized project some EU funding	Binary packaging for HPC with Spack		Writing a Janus plugin in Lua			Idiomatic Rust		
09:45						Beyond WHERE and GROUP BY	XMPP as the road to innovation		Gluster-4.0 and GD2			
10:00	Sancus 2.0: Open-Source Trusted Computing for the IoT	Cyborg Teams	Let's Fix The Internet	Urban places as nodes of a decentralized Internet	Tying software deployment to scientific workflows					Rust memory management		
10:15			Regular Expression Derivatives in Python			MySQL 8.0 Performance: InnoDB Re-Design	Kamailio - Pick Your SIP Routing Scripting Language					
10:30				The Generic Data Distribution System of the Retrosahre Network	Combining CVMFS, Nix, Lmod, and EasyBuild at Compute Canada				LizardFS - a year in development			
10:45			Adding performance counters to htop			MySQL 8.0 Roles	Asterisk Project: Do I see video in the future?			Introducing gtk-rs		
11:00	Using TPM 2.0 As a Secure Keystore on your Laptop	Running Android on the Mainline Graphics Stack	Emitter: Scalable, fast and secure pub/sub in Go	Ring as a free universal distributed communication platform.	Behind the scenes of a FOSS-powered HPC cluster at UCLouvain					GStreamer & Rust		
11:15						Histogram support in MySQL 8.0						
11:30			Linux Test Project introduction				webPh.one - connect community cellular networks using WebRTC and PWA		Geographically distributed Swift clusters			
11:45			LizardFS and OpenNebula, a petabyte cloud the simple way	Building Decentralised Communities with Matrix	How DeepLearning can help to improve geospatial DataQuality , an OSM use case.					Introducing rust-av		
12:00	Data integrity protection with cryptsetup tools	Re-structuring a giant, ancient code-base for new platforms	GrimoireLab: free software for software development analytics	The emPeerTube strikes back	Modules v4				Container Attached Storage (CAS) with OpenEBS	Portable graphics abstraction in Rust	Upipe developers meeting	
12:15					Scale Out and Conquer: Architectural Deci...	TLS for MySQL at large scale	OpenDHT: make your project distributed					
12:30			Perceval: Software Project Data at Your Will		The Magnificent Modular Mahout							
12:45				Contributopia	Tools for large-scale collection and anal...		Open communication in WebVR with Matrix!			Rusty robots		
			Are distributions still relevant?		Slurm in Action: Batch Processing for the...	MySQL InnoDB Cluster			Debugging A Live Gluster File System Using .meta Directory			
13:00	Inside Monero ↴	OpenADx - xcelerate your Automated Driving development ↴	FreeBSD : pkg provides	Peeling onions: understanding and using the Tor network	The Julia programming language			Scaling messaging systems		TiKV - building a distributed key-value store with Rust		
13:15						AMENDMENT Why We're excited about MySQL 8						
13:30			Wrap it Up! Packaging from Pots to Software				aiosip: the efficient swiss-army knife of SIP		Ceph management with openATTIC ↴			
				Anonymous Whistleblowing with SecureDrop ↴	Does data security rule out high performance? ↴					Qt GUIs with Rust ↴		
			Vis Editor: Combining...			MySQL Test Framework						

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09:00	Intro to the SDR Devroom	Zonemaster		Intro Geospatial devr...	Managing build infrastructure of a Debian derivative	Introduction to LLVM				Next Generation Config Mgmt: Reactive Systems		Welcome to the Legal ...
				Join the FREEWAT family								Capture the GDPR with Identity management
09:15	Recapping DARPA's First Big Hackfest											
		Repairing DNS at TLD scale										
09:30			IoT DevRoom Opening	Bicycle-sharing stations: profiling and availability prediction	GRUB upstream and distros cooperation		Welcome & Chatting	Programming UEFI for dummies		Welcome to the Perl d...		Artificial intelligence dealing with the right to be forgotten
										How Carton, Docker, and CircleCI Saved my Sanity		
09:45	(Yet another) passive RADAR using DVB-T receiver and SDR.	BIND 9 Past, Present, and Future	Turning On the Lights with Home Assistant and MQTT									
				Pronto Raster: A C++ library for Map Algebra	Distributions are not democracies		CANCELLED Usability made simple	Rustarm AKA A project looking at Rust for Embedded Systems				Understanding 26 U.S.C. § 501, and Organizational Governance
10:00										Provisioning vs Configuration Management Deployment vs Orchestration		
10:15	In the SpOOLlight: gr-radar	Blame (and) DNS: debugging tutorial								4 Perl web services I wrote and that you may like		
			Accessing your Mbed device from anywhere using Pagekite	GDAL Tips and Tricks			A crash course on remote, moderated usability testing	Mainline Linux on Motorola Droid 4				Researchers and Software Licenses
10:30						Connecting LLVM with a WCET tool						
10:45	Efficient implementation of a spectrum scanner on a software-defined radio platform	Living on the Edge										
				GRASS GIS in the sky	Developing Enterprise and Community distributions at the same time, impossible ?		So we have free web fonts; now what?	... like real computers!	Perl in the Physics Lab	A decade of config surgery with Augeas		Comparative Law of Licenses and Contracts in the US, UK and EU
11:00			Home automation - Not as simple as you think									
11:15	An optimized GFDM software implementation for low-latency	DNSSEC for higher performance				Compiler-assisted Security Enhancement						
				GeoPandas: easy, fast and scalable geospatial analysis in Python			Self-host your visual assets with Free Software	Booting it successfully for the first time with mainline	Testing for testing	Cockpit: A Linux Sysadmin Session in your Browser		Advocating For FOSS Inside Companies
11:30		Melting the Snow										
11:45	DLR-CAFE: CUDA Filterbank Updates		Mirai and Computer Vision									
				Open source Big Geospatial Data analytics	Introducing BuildStream		Our Open Source Design collective	AMENDMENT LinuxBoot: Linux as Firmware		Terraform is maturing		A Usability Survey of Free Software Licenses
12:00		DNS privacy, where are we?										
12:15	Physics, Math, and SDR					CANCELLED Efficient use of memory by reducing size of AST dumps in cross file analysis by clang static analyzer			Perl in Computer Music			
			The IoT botnet wars, Linux devices, and the absence of basic security hardening	Spatial Support in MySQL 8.0			Improving GitLab's Navigation and Design System	What's new with FPGA manager		Breaking with conventional Configuration File Editing		Outsourcing Source Code Distribution Requirements
12:30												
12:45	Stupid Pluto Tricks	DNS-based discovery for OpenID Connect										
						LLVM, Rust, and Debugging						
13:00				Distance computation in Boost.Geometry	Flatpak and your distribution		Cultural interpretations of Design and Openness	Linux as an SPI Slave	Template toolkit translations	Painless Puppet Providers		Too young to rock'n'roll (and to contribute)
			A Guided Tour of Eclipse IoT: 3 Software Stacks for IoT									
13:15	The GNU Radio runtime	Welcome to the Retroc...							Releasing to CPAN and GitHub			
13:30		DOSEMU and FreeDOS: past, present and future ↴		Building Rock Climbing Maps with OpenStreetMap ↴	Unix? Windows? Gentoo! ↴		Ecosystems of Professional Libre Graphics Use ↴			Cumin: Flexible and Reliable Automation for the Fleet ↴		Harmonize or Resist? ↴
						Heterogeneous Computing with D ↴		Gnuk Token and GnuPG ...	AMENDMENT Presenting ...			

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09:00			Automating style guide documentation	Welcome		Black Blocks: Kubernetes, meet OpenStack Cinder		Mozilla TechSpeakers CFP-help	
09:15				The State of Containers in Scientific Computing					
09:30	LPI Exam Session 3		DocBook Documentation at SUSE						
09:45				Automated Linux Containers deployment for fun and profit.			Dragonflow - An open network services ecosystem		
10:00		Introduction to web development in C++ with Wt 4	Test your API docs!	You want a Clean Desktop OS? Containerize it					
10:15									
10:30		How to build autonomous robot for less than 2K€	Docs like code in Drupal	Making Linux Security Modules available to Containers		Live Block Device Operations in QEMU			
10:45									
11:00		Drive your NAND within Linux	A lion, a head, and a dash of YAML	How to build and run OCI containers					
11:15						Kubernetes load balancing for virtual machines (Pods)			
11:30			Mallard, Pintail, and other duck topics	State of the rkt container runtime and its Kubernetes integration					
11:45				Turning physical systems into containers					
12:00	LibreOffice Exam Session 1	O'PAVES: An open platform for autonomous vehicle tinkerers	Finding a home for docs	File access-control per container with Landlock		Device Assignment for VMs in Kubernetes			
12:15									
12:30		Rapid SPI Device Driver Development over USB							
12:45			Babelfish: a universal code parser for source code analysis			Automate oVirt Disaster Recovery Solution With Ansible			
13:00		Implementing state-of-the-art U-Boot port, 2018 edition ↴		Introduction to LXD clustering					
13:15			Migrating code with SmaCC						
13:30	LibreOffice Exam Session 2 ↴			containerd 1.0 Project Update		Vectors Meet Virtualization ↴			
			Moldable analysis wit...						

