

FOSDEM 2020 - Saturday 2020-02-01 (1/15)

	Janson	K.1.105 (La Fontaine)...	H.2215 (Ferrer)	H.1302 (Depage)	H.1308 (Rolin)	H.1309 (Van Rijn)	H.2213	H.2214	
09:30	Welcome to FOSDEM 2020								
09:45									
10:00	The Linux Kernel: We have to finish this thing one day ;)	How FOSS could revolutionize municipal government							
10:15									
10:30									
				State of OpenJDK	Fundamental Technologies We Need to Work on for Cloud-Native Networking	DNS Devroom Opening DNS Management in OpenStack	Designing and Producing Open Source Hardware with FOSS/OSHW tools	Welcome to the MySQL, MariaDB & Friends D...	
								MySQL 8 vs MariaDB 10.4	
10:45									
						LibrePCB Status Update			
11:00	LibreOffice turns ten and what's next	The Selfish Contributor Explained							
11:15									
11:30									
11:45									
12:00	Over Twenty Years Of Automation	The Ethics Behind Your IoT	Civil society needs Free Software hackers	TornadoVM: A Virtual Machine for Exploiting High-Performance Heterogeneous Execution of Java Programs			ngspice open source circuit simulator		
12:15									
12:30									
12:45									

FOSDEM 2020 - Saturday 2020-02-01 (2/15)

	H.3242	H.3244	J.1.106	AW1.120	AW1.121	AW1.125	AW1.126	K.3.201
09:30								
09:45								
10:00								
10:15								
10:30				Building a distributed knowledge base with a Linked Data powered CMS	Farwest Demo	Welcome to the Ada De...	The good and the bad sides of developing open source tools for neuroscience	Welcome to game development devroom
						An Introduction to Ada for Beginning and Experienced Programmers		
10:45								Python for Godot
11:00	Apache Camel BoF		TinyGo	From 0 to Intranet in 20 minutes with XWiki	OpenTelemetry: an XKCD 927 Success Story		Challenges and opportunities in scientific software development	
11:15								0 A.D.: Graphics Pipeline
11:30				ONLYOFFICE: How to securely collaborate on documents within content management applications	Debugging and tracing a production RabbitMQ node	HAC: the Compiler which will Never Become Big	NeuroFedora: Enabling Free/Open Neuroscience	
11:45								
12:00			Sourcehut & aerc meetup ↴	A dozen more things you didn't know Nextcloud could do	Keep Calm and Use Nerves	Tracking Performance of a Big Application from Dev to Ops	Spotlight on Free Software Building Blocks for a Secure Health Data Infrastructure	
12:15								
12:30				Bringing Collabora Online to your web app ↴	Lumen		DataLad ↴	Game development with OpenXR ↴
12:45								

FOSDEM 2020 - Saturday 2020-02-01 (3/15)

	K.3.401	K.4.201	K.4.401	K.4.601	UA2.114 (Baudoux)	UA2.118 (Henriot)	UA2.220 (Guillissen)	UB2.147
09:30								
09:45								
10:00								
10:15								
10:30	How lowRISC made its Ibex RISC-V CPU core faster	Debugging with LLVM		Opening	Threat Modelling for Developers	Getting started with quantum software development	Welcome to the Legal ... Technology challenges for privacy: the case of decentralized social media	Improving the culture of automated testing in FOSS
10:45				AMENDMENT Be secure with Rust & Intel SGX				
	BlackParrot							
11:00			libltoff status update		AMENDMENT Custom Crypto Policies by Examples		DEBATE: Should FOSS licenses be enforced at all?	Welcome to KernelCI
	The HammerBlade RISC-V Manycore	Benchmarking LLVM using Embench				Quantum machine learning with PennyLane		
11:15				AMENDMENT The Confidential Consortium Framework				
11:30	Open ESP		Zink Update		Securing Existing Software using Formally Verified Libraries			
11:45								Abusing GitLab CI to Test Kernel Patches
	Building Loosely-coupled RISC-V Accelerators					Quantum computing hardware and control systems		
12:00			Modernizing mesa3d.org ↴	AMENDMENT EActors: an actor-based programming framework for Intel SGX	SpecFuzz: Bringing Spectre-type vulnerabilities to the surface		DEBATE: Does Careful Inventory of Licensing Bill of Materials Have Real Impact on FOSS License Compliance?	
	ERASER: Early-stage Reliability And Security Estimation for RISC-V	Confronting Clang and Fedora						
12:30	RISC-V Software and Firmware Development in the Cloud Using OpenPiton+Ariane on A...				Falco Internals 101 : Syscalls processing for security analysis ↴			OpenQA with the JDP data analyses framework ↴
				AMENDMENT A Tale of Two Worlds: Assessing...		The role of open source in building quantum computing ecosyst...		
12:45								

FOSDEM 2020 - Saturday 2020-02-01 (4/15)

	UB2.252A (Lameere)	UB4.132	UB4.136	UB4.228	UB5.132	UB5.230	UD2.119	UD2.120 (Chavanne)
09:30								
09:45								
10:00								
10:15								
10:30	Extending sudo in Python		Openoffice Build system	Open Source Hardware and Soldering Workshop ↴			Past, Present and Future of DRLM project	Introducing Tanka
10:45								
11:00	Boosting Python with Rust		Contributing to LibreOffice without C++ knowledge					Using OpenAPI to Maximise Your Pulp 3 Experience
							Relax-and-Recover (ReaR) Basics	
11:15								
11:30	How to write a scikit-learn compatible estimator/transformer		coverity and oss-fuzz issue solving					Doomed are the dinosaurs!
11:45							Relax-and-Recover (ReaR) Mass Deployment	
12:00	Why is Django 3.0 a revolution for building websites with Python?		LibreOffice lockdown and encryption improvements					Compliance management with OpenSCAP and Ansible
12:15							Overview of Bareos	
12:30	Will somebody *please* tell me what's going on? ↴		Prioritizing is key ↴					AMENDMENT Introduction to Ansible collections ↴
12:45							oVirt-Plugin for Bareos ↴	

FOSDEM 2020 - Saturday 2020-02-01 (5/15)

	UD2.208 (Decroly)	UD2.218A	UD2.Corridor
09:30			
09:45			
10:00			
10:15			
10:30	Podman - The Powerful Container Multi-Tool	Integrating Julius Speech Recognition Engine	
10:45			
	Lazy distribution of container images	Building Homebridge with the Yocto Project	
11:00			
11:15			
	BPF as a revolutionary technology for the container landscape	Building an embedded VoIP network for video intercom systems	
11:30			
11:45			
	Kata Containers on openSUSE	ROS2: The evolution of Robot Operative System	
12:00			
12:15			
	Evolution of kube-proxy	Introduction to Eclipse iceoryx ↴	
12:30			
12:45			

FOSDEM 2020 - Saturday 2020-02-01 (6/15)

	Janson	K.1.105 (La Fontaine)...	H.2215 (Ferrer)	H.1302 (Depage)	H.1308 (Rolin)	H.1309 (Van Rijn)	H.2213	H.2214	
			↳ What's in my food ?...	↳ ByteBuffers are dead, long live ByteBuf...	Analyzing DPDK applications with eBPF	↳ Improving BIND 9 Code Quality	↳ KiCad: Back to the Future	↳ Overview of encryption features	
13:00	Blender, Coming of Age	Freedom and AI: Can Free Software include ethical AI systems?	Web3 - the Internet of Freedom, Value, and Trust	Free at Last! The Tale of Jakarta EE	XDP and page_pool API	unwind(8)	Pocket Science Lab from Development to Production	Whats new in ProxySQL 2.0?	
13:15									
			Next, the programmable web browser						
13:30									
13:45			AMENDMENT Weblate: open-source continuous localization platfo...	Shenandoah 2.0	Weave Net, an Open Source Container Network		extending catalog zones	Designing functional objects with functional objects	SELinux fun with MySQL and friends
14:00	The Hidden Early History of Unix	How Containers and Kubernetes re-defined the GNU/Linux Operating System	Kapow! A Web Framework for the Shell	JMC & JFR - 2020 Vision	Rethinking kubernetes networking with SRv6 and Contiv-VPP	The Different Ways of Minimizing ANY	Leveraging Open Source Designs	Running MySQL in Kubernetes in real life	
14:15									
			Yjs: A CRDT framework for shared editing						
14:30									
14:45			Encrypt your collaboration with CryptPad						ALTER TABLE improvements in MariaDB Server
				Hacking on GraalVM: A (very) Rough Guide			Sparselizard: a general purpose multiphysics FEM library		
15:00	Generation gaps	Fixing the Kubernetes clusterfuck	Protect your data objects, not your network connections	Reducing OpenJDK Java Garbage Collection times with stack allocation	Akraino Edge KNI blueprint	Check Yourself Before You Wreck Yourself	Open CASCADE Technology - an introduction and overview	Rewinding time with System Versioned Tables	
15:15									
			Optimizing sandbox creation with a FUSE file system						
15:30									
15:45			Indexing Encrypted Data Using Bloom Filters		Fast QUIC sockets for cloud networking ↴	Metrics and models for Web performance evaluation ↴		Knocking down the barriers of ORDER BY LIMIT queries with MariaDB 10.5	
				G1: To infinity and beyond ↴			AMENDMENT STEP Reduce		
16:00	HTTP/3 for everyone ↴	Address Space Isolation in the Linux Kern...	Verifpal ↴						

FOSDEM 2020 - Saturday 2020-02-01 (7/15)

	H.3242	H.3244	J.1.106	AW1.120	AW1.121	AW1.125	AW1.126	K.3.201
			↳ Sourcehut & aerc meetup	↳ Bringing Collabora ...			↳ DataLad	↳ Game development with OpenXR
13:00			Open Source Storage BoF	More than one tool for collaborating on writing the Tiki CMS	CoffeeBeam	Cappulada: What we've Learned	Frictionless Data for Reproducible Research	Open lightning talks
13:15								
				Wikibase Ecosystem	Going Meta with Elixir's Macros	Programming ROS2 Robots with RCLAda	On the road to sustainable research software.	
13:30							Stylo : a user friendly text editor for humanities scholars	
13:45								
14:00	FFmpeg BOF		Tor Meetup	Decentralized collaborative applications	Processes & Grains	Live Demo of Ada's Distribution Features	Using Advene to accompany research in AudioVisual Digital Hum...	Java & Games
							Shrivelling world	
14:15								
14:30							Empowering social scientists with web mining tools	
14:45								
15:00		Sailfish OS BOF	A best practices guide for FLOSS community managers	The unsupervised free CAT for low resource languages	Designing a performant and scalable graph processing python package	Writing Shared Memory Parallel Programs in Ada	Revamping OpenRefine	Double your contributors using these 3 simple tricks!
15:15					Graffiti			
						Spunky: a Genode Kernel in Ada/SPARK	Pocket infrastructures to bridge reproducible research, live coding, civic hacktivism and data feminism for/from the Glob...	Benefits of porting Godot Engine to Vulkan ↓
15:30								
15:45					The Neo4j Graph Algorithms Library: An Overview			
16:00	RIOT BOF ↓	Nethserver BOF ↓	Replicant Meetup ↓	Lexemes in Wikidata ↓		Alire: Ada Has a Package Manager ↓	Journalists are researchers like any othe...	

FOSDEM 2020 - Saturday 2020-02-01 (8/15)

	K.3.401	K.4.201	K.4.401	K.4.601	UA2.114 (Baudoux)	UA2.118 (Henriot)	UA2.220 (Guillissen)	UB2.147
	Cacheable Overlay Manager RISC-V		↳ Modernizing mesa3d....	↳ AMENDMENT A Tale of Two Worlds: Assessing the Vulnerability of Enclave Shielding Runtimes	↳ Falco Internals 101...	↳ The role of open source in building quantum computing ecosystem from scratch		↳ OpenQA with the JDP data analyses framework
13:00		LLVM and GCC						
			AMENDMENT Nouveau Status update		Docker Security considerations & Incident Analysis		COLLAB: How can we give users standing in free/open software/hardware?	
13:15	RISC-V Boot flow: What's next ?							
				AMENDMENT HOWTO build a product with OP-TEE		Quantum Advantage and Quantum Computing in the Real World		Automated Performance Testing for Virtualization with MMTes
13:30	Oreboot				Incrementality and deck functions		COLLAB: The optics of the policy	
13:45								
	RISC-V Hypervisors	LLVM meets Code Property Graphs						
14:00			FOSS Virtual & Augmented Reality	AMENDMENT Demo: SGX-LKL	How Transparent Data Encryption is built in MySQL and Percona Server ?		DEBATE: The 4 Freedoms and OSD are outdated and no longer relevant in 2020	Auto-healing cluster through negative testing
14:15	Port luajit to RISC-V					Quantum circuit optimisation, verification, and simulation with PyZX		
14:30					Secure logging with syslog-ng			Introducing OpenTAP - Open Test Automation Project
		LLVM and Python						
14:45								
	Welcome to the Retroc...					SimulaQron - a simulator for developing quantum internet software		
15:00	Alpha Waves, the first 3D platformer ever		Back to the Linux Framebuffer!	Open source UEFI and TianoCore	Protecting plaintext secrets in configuration files		DEBATE: Should licenses be designed to advance general social goals?	One test output format to unite them all
15:15								
		Flang : The Fortran frontend of LLVM						
15:30				Discover UEFI with U-Boot	Application Whitelisting in Linux Environment	AMENDMENT Quantum Game with Photons: Tensors in TypeScript, Visualized		Releasing Software with GitOps
	BASICODE: the 8-bit programming API that crossed the Berlin Wall							
15:45								
16:00			The TTM memory manager ↴	Heads OEM device ownership/reownership : ...	seccomp — Your Next Layer of Defense ↴	AMENDMENT Simulating noisy quantum device...	DEBATE: Does FOSS need sustainability? ↴	
		Ask LLVM developers A...						

FOSDEM 2020 - Saturday 2020-02-01 (9/15)

	UB2.252A (Lameere)	UB4.132	UB4.136	UB4.228	UB5.132	UB5.230	UD2.119	UD2.120 (Chavanne)
	↳ Will somebody *plea...		↳ Prioritizing is key...	↳ Open Source Hardware and Soldering Workshop ↴			↳ oVirt-Plugin for Ba...	↳ AMENDMENT Introd...
13:00	Discover Static Code Analysis in Python with Coala Framework	LPI Exam Session 1	Proposal to inspect and highlight styles in Writer				Preserve kubernetes state using heptio velero	AMENDMENT Designing for Failure
13:15								
13:30	When Python meets GraphQL: Managing contributors identities in your open source project		LibreOffice Theme Changer				Percona XtraBackup Current and Future State	Ephemeral Environments For Developers In Kubernetes
13:45							Percona Backup for MongoDB: Status and Plans	
14:00	Follow Your Celery Tasks		Creating Word Clouds with OpenOffice				Self-hosted server backups for the paranoid	Code Workload Management into the Control Plane
14:15								
14:30	Asyncio: understanding async and await in Python		Crowdfunding to advance open document editors					Immutable deployments: the new classic way for service deployment
14:45								
15:00	Production-time Profiling for Python		Online Open Document Editing New Possibilities				FASTEN: Scaling static analyses to ecosystems	Foreman meets Ansible
15:15								
15:30	Introduction to Reactive Programming with RxPY	LPI Exam Session 2 ↴	Make Online yours				There's no sustainability problem in FOSS	Hacking Terraform for fun and profit
15:45								
16:00	Introducing HTTPX ↴		Online: wrestling web Copy/Paste to usabi...				Comparing dependency management issues	Building a self healing system with SaltS...
							ac...	

FOSDEM 2020 - Saturday 2020-02-01 (10/15)

	UD2.208 (Decroly)	UD2.218A	UD2.Corridor
		↳ Introduction to Ecl...	
	Container Live Migration		
13:00		Building a low-cost test fixture	
13:15			
	Supervising and emulating syscalls		
13:30		How to integrate secure elements	
13:45	Below Kubernetes: Demystifying container runtimes		
14:00		Embedded systems, the road to Linux	
14:15	Linux memory management at scale		
14:30			
14:45	Running full Linux systems in containers, at scale		
15:00		boot/loader — How to boot Linux and nothing else	
	How (Not) To Containerise Securely		
15:15			
15:30		PipeWire in the Automotive Industry	
15:45	Using crio-lxc with Kubernetes ↴		
16:00		WPE, The WebKit port for Embedded platfor...	

FOSDEM 2020 - Saturday 2020-02-01 (11/15)

	Janson	K.1.105 (La Fontaine)...	H.2215 (Ferrer)	H.1302 (Depage)	H.1308 (Rolin)	H.1309 (Van Rijn)	H.2213	H.2214
	↳ HTTP/3 for everyone	↳ Address Space Isolation in the Linux Kernel	↳ Verifpal	↳ G1: To infinity and...	↳ Fast QUIC sockets for cloud networking	↳ Metrics and models ...		CPU performance analysis for MySQL using Hot/Cold Flame Graph
16:15							Gmsh	
			Mandos	Just-in-time compiling Java in 2020	Mixing kool-aids! Accelerate the internet with AF_XDP & DPDK	Hint, Hint, Font Loading Matters!		
16:30								
			RedWax - trust only yourself		Dial your Networking Code up to 11		AXIOM - open source cinema camera	Hash Join in MySQL 8
16:45				Helpful NullPointerExceptions - The little thing that became a JEP				
	State of the Onion	Guix: Unifying provisioning, deployment, and package management in the age of containers	KDE Itinerary			The ultimate guide to HTTP resource prioritization		
17:00							Horizon EDA - Version 1.0	Comparing Hash Join solution, the good, the bad and the worse.
17:15			Gate project	Taming Metaspacer: a look at the machinery, and a proposal for a better one	Userspace networking: beyond the kernel bypass with RDMA!			
17:30							OpenPiton: An Open-Source Framework for EDA Tool Development	
			The pool next to the ocean: How to bring OpenSource skills to...		Vita: high-speed traffic encryption on x86_64 with Snabb	Shipping a performance API on Chromium		MySQL 8.0: Secure your MySQL Replication Deployment
17:45				The OpenJDK JVM : Securing a moving target or What could possibly go wrong?			Designing Hardware, Journey from Novice to Not Bad	
18:00	SCION	AMENDMENT LumoSQL - Experiments with SQLite, LMDB and more	Tracking local storage configuration on linux					Automating schema migration flow with GitHub Actions, skeema & gh-ost
18:15								
			Concept Programming, from ideas to code	JRuby Startup and AOT		The journey of building OpenSpeedMonitor	Finite element modeling with the deal.II software library	
18:30								
			DeskConnD: Secure, cross-platform IPC on the network					20 mins to write a MySQL Shell Plugin
18:45								
19:00								

FOSDEM 2020 - Saturday 2020-02-01 (12/15)

	H.3242	H.3244	J.1.106	AW1.120	AW1.121	AW1.125	AW1.126	K.3.201
	↳ RIOT BOF	↳ Nethserver BOF	↳ Replicant Meetup	↳ Lexemes in Wikidata		↳ Alire: Ada Has a Package Manager	↳ Journalists are researchers like any others	↳ Benefits of porting Godot Engine to Vulkan
16:15					Gunrock: High-Performance Graph Analytics for the GPU			
16:30				Nuspell: version 3 of the new spell checker			AMENDMENT Transforming scattered analyses into a documented, reproducible and shareable workflow	
					Hardware-Software Co-Design for Efficient Graph Application Computations on Emerg...			
16:45								
17:00	VideoLan BOF			AMENDMENT Weblate! Localize your project the developer way: continously, flawlessly, community driven, and open-source		Protect Sensitive Data with Ada Keystore	Developing from the field	Blender projects for 2020
					Programmable Unified Memory Architecture (PUMA)			
17:15								Reloading Escoria
17:30			Creating Sustainable Public Sector Open Source Communities		Cypher enhancements for sharded and federated graph databases	Eugen: a European Project Proposal Generator	A community-driven approach towards open innovation for research communication	
17:45								
18:00					AMENDMENT Raphtory: Streaming analysis of distributed temporal graphs			Spring & Steam, an Odyssey
				Open Edge Hardware and Software for Natural Language Translation and Understanding		On Rapid Application Development in Ada	The Journal of Open Source Software	
18:15								
					Temporal Graph Analytics with GRADOOP			
18:30				Poio Predictive Text		Ada-TOML: a TOML Parser for Ada	DSpace 7: A major leap forward for the leading institutional repository platform	
					Weaviate OSS Smart Graph			
18:45						Informal Discussions & Closing		
19:00								

FOSDEM 2020 - Saturday 2020-02-01 (13/15)

	K.3.401	K.4.201	K.4.401	K.4.601	UA2.114 (Baudoux)	UA2.118 (Henriot)	UA2.220 (Guillissen)	UB2.147
16:15	Retro music - Open Cubic Player	↳ Ask LLVM developers Anything Panel	↳ The TTM memory manager	↳ Heads OEM device ownership/reownership : A tamper evident a...	↳ seccomp — Your Next Layer of Defense	↳ AMENDMENT Simulating noisy quantum devices with QuTiP	↳ DEBATE: Does FOSS need sustainability?	Writing Go(od) Tests
16:30				Improving the Security of Edge Computing Services	Kernel Runtime Security Instrumentation	AMENDMENT bloqit		
16:45	Reviving Minitel							
17:00		Automating Programming and Development of Heterogeneous SoCs with LLVM Tools	Pattern Based Code Generation for GPUs	Introducing AUTOREV	Using SELinux with container runtimes	Quantum classifiers, robust data encodings, and software to implement them	Oracle v. Google: What are the implications for FOSS?	CANCELLED Testing apps with third-party A...
17:15								Testing a large testing software
	Reverse engineering a VIC-20 expansion cartridge			Look at ME!	The hairy issue of e2e encryption in instant messaging		Legal Organizer's Panel	
17:30								
17:45		HPVM: Extending LLVM For Compiling to Heterogeneous Parallel Systems				Quantum computer brands: connecting apples and oranges		Correlation analysis in automated testing
18:00								
18:15	Running a mainframe on your laptop (for fun and profit)		A Vulkan driver for the RPI4	Capsule Update & LVFS: Improving system firmware updates	What you most likely did not know about sudo...			How to fail successfully and reliably
18:30	Arcade game port to ZX Spectrum		libratbag	Opening Intel Server firmware based on OpenBMC example		Quantum Open Source Foundation		
18:45								
19:00								

FOSDEM 2020 - Saturday 2020-02-01 (14/15)

	UB2.252A (Lameere)	UB4.132	UB4.136	UB4.228	UB5.132	UB5.230	UD2.119	UD2.120 (Chavanne)	
	↳ Introducing HTTPX	↳ LPI Exam Session 2	↳ Online: wrestling web Copy/Paste to usability	↳ Open Source Hardware and Soldering Workshop			↳ Comparing dependency management issues across packaging ecosystems	↳ Building a self healing system with SaltStack	
16:15									
	FoxDot and the Summer of 2019		Integrate Collabora Online with web applications					Building Confidence & Overcoming Insecurity	Infrastructure testing, it's a real thing!
16:30									
16:45									
	Monads in Python: why and how?		LibreOffice Online adoption into 1&1 Mail&Media ecosystem					Precise, cross-project code navigation at GitHub scale	
17:00									
17:15									
	repcloud		Collabora Office Android app gory details			Spack's new Concretizer	Mgmt Config: Autonomous Datacentres		
17:30									
17:45									
	Thoth - a recommendation engine for Python applications		Lightning talk session			Package managers: resolve differences	Gofish - a Go library for Redfish and Swordfish		
18:00									
18:15									
	The Pythran compiler, 7 years later								
18:30									
18:45									
19:00									

FOSDEM 2020 - Saturday 2020-02-01 (15/15)

	UD2.208 (Decroly)	UD2.218A	UD2.Corridor
	↳ Using crio-lxc with...	↳ WPE, The WebKit port for Embedded platforms	
16:15			
	Containers and Steam		
16:30		How Yocto extra tools help industrial project	
16:45	Distributed HPC Applications with Unprivileged Containers		
17:00			
17:15			
	Kubernetes on ARM64		
17:30		The State of PTXdist	
17:45	Inspektor Gadget and traceloop		
18:00		lognplot - logging and plotting data from micro's	CANCELLED United Nations Technology and Innovation Labs
18:15	Extending and embedding: containerd project use cases		
18:30		U:Kit: Open-source software and hardware smoke detector	
	CANCELLED A way of GPU virtualization for container		
18:45			
19:00			

FOSDEM 2020 - Sunday 2020-02-02 (1/15)

	Janson	K.1.105 (La Fontaine)...	H.2215 (Ferrer)	H.1302 (Depage)	H.1308 (Rolin)	H.1309 (Van Rijn)	H.2213	H.2214				
09:00	Open Source Under Attack	SECCOMP your PostgreSQL		WebMIDI	STS in Ceph Object Storage							
09:15												
09:30							Building Decentralized Social Virtual Reality using WebXR on your browser		Introduction to the devroom and the Open Source Design collective			
								NFS Ganesha				
09:45			AMENDMENT In Memory of our Friend, Lars Kurth									
10:00	Is the Open door closing?	dqlite: High-availability SQLite	AMENDMENT Regaining sovereignty over your router	PWAs on steroids		Landscape of new challenges in modern virtualization platforms	Open Source design - Africa	Fibonacci Spirals and 21 Ways to Contribute to Postgres—Beyond Code				
10:15					emissions API				Evolution of path based Geo-replication in Gluster			
10:30					Write Safer JavaScript Applications with TypeScript!					Public clouds and vulnerable CPUs: are we secure?	What are we talking about when we say "open design"?	
					git-issue				Run ZFS in userspace			
10:45												
					What's new in Samba ?							
11:00	The core values of software freedom	MySQL Goes to 8!	The Heptapod project	XR adds: “Try before you buy”		virtio-fs	Some Excerpts from the Theory of Design in Architecture	Find your slow queries, and fix them!				
11:15												
			puavo.org									
11:30									Creating symphonies in JavaScript		io_uring in QEMU: high-performance disk I/O for Linux	UI/UX Tips & Tricks for developers
									AMENDMENT Open Source - Killing standards organizations or sa...	Asynchronous Directory Operations in CephFS		
11:45												
12:00	Why open infrastructure matters ↴	SWIM - Protocol to Build a Cluster ↴	Open Adult Education: a curriculum to bridge the digital skill...	AMENDMENT JavaScript lightning talks ↴		Lightweight virtualization in the Cloud and at the Edge ↴	Accessibility in MuseScore	A Deep Dive into PostgreSQL Indexing ↴				
12:15												

FOSDEM 2020 - Sunday 2020-02-02 (2/15)

	H.3242	H.3244	J.1.106	AW1.120	AW1.121	AW1.125	AW1.126	K.3.201			
09:00				Free Software Radio Devroom Introduction and Hackfest Review	Welcome to the BSD de...		istsos3: Data Analysis and statistical tools and unit convers...	Do Linux Distributions Still Matter with Containers?			
					Orchestrating jails with nomad and pot						
09:15											
						STAC: Search and discovery of geospatial assets					
09:30				Modernizing Distribution of SDR Tools and Libraries with Conan			openEO: Interoperable geoprocessing in the cloud				
					Making poetry with Racket						
09:45											
						A small, FRP DSL for distributed systems					
10:00		Linux on Mobile BOF	GitLab BoF	AMENDMENT Channel Equalization using GNU Radio	OpenSMTPD over the clouds			What's up on Haiku?			
											GeoServer Basics
10:15										XL, an extensible programming language	
10:30							How to evolve the GNU Radio scheduler			GeoNetwork Basics	Homebrew: Features and Funding
									Forth - The New Synthesis		
10:45											
						A minimal pur object-oriented reflective language	Getting inspired by open software for a web site: g3n.fyi				
11:00		Terminus DB BOF	Weblate meetup	A Rose by Any Other Name Would Run Just as Long				GNU Guix as an alternative to the Yocto Project			
							NetBSD - Not Just For Toasters				
11:15									Bootstrapping minimal reflective language kernels	Arabesque: a geographic flow visualization application	
11:30		purism librem 5 BOF ↴			gr-satellites latests developments		Universal package & service discovery with Guix		Software distribution: new points of failure		
11:45											
12:00				Kodi Community Meeting ↴	r2cloud - Decode satellite signals on Raspberry PI ↴				Reinventing Home Directories ↴		
12:15						Lisp everywhere! ↴	Testing Navit using Device Farms ↴				

FOSDEM 2020 - Sunday 2020-02-02 (3/15)

	K.3.401	K.4.201	K.4.401	K.4.601	UA2.114 (Baudoux)	UA2.118 (Henriot)	UA2.220 (Guillissen)	UB2.147	
09:00	Discover dependency license information with ClearlyDefined		BSP generator for 3000+ ARM microcontrollers	seL4 Microkernel Status Update	How Firefox upholds its values and keeps up with change	Kotlin DevRoom Welcoming Remarks	Close lid to encrypt		
09:15							Useful coroutine patterns for Android applications	AMENDMENT Almonit: Decentralized Websites...	
								Identity Box	
09:30	cargo deny		On-hardware debugging of IP cores with free tools		Thunderbird in 2020 and Beyond		AMENDMENT Android Content Providers for t...	Tesselle image viewer	
							Librecast: Privacy and Decentralization w...		
09:45							SCION		
10:00	Packaging Rust programs in GNU Guix		Continuous Integration for Open Hardware Projects	M³: Taking Microkernels to the Next Level	Make it accessible	Migrating FOSDEM Companion to Kotlin	RFC 1984	The Rise and Fall and Rise of JPEG2000	
		Low-end platform profiling with HawkTracer profiler							
10:15									
10:30	rustdoc: beyond documentation		Open Source Firmware Testing at Facebook			Idiomatic Kotlin Microservices	Fixing healthcare data exchange with decentralized FOSS	Rendering QML to make videos in Kdenlive	
		GDB pipelines -- convenience iteration over inferior data structures							HelenOS in the Year of the Pig
10:45									
	Rusty instruments								
11:00			AMENDMENT How to run Linux on RISC-V	Linux Kernel Library	Is the web really for all?	Automate your workflows with Kotlin	AMENDMENT Open and federated identities with ID4me	GStreamer on the Magic Leap One	
11:15		The GDB Text User Interface							
11:30			Phantom OS	What are the Top 10 Frustrations for Web Developers and Designers?	AMENDMENT Modern asynchronism with coroutines	GNUnet: A network protocol stack for building secure, distributed, and privacy-preserving applications	GPAC 1.0 Overview		
	Optimizing rav1e ↴								
11:45		Memcheck Reloaded ↴							
12:00			A free toolchain for 0.01 € - computers ↴	Gneiss: A Nice Component Framework in SPARK ↴		Communication Break Down Coroutines ↴	Knocking Down the Nest ↴	IMSC Open Source Projects ↴	
12:15					Discover the New Fire...				

FOSDEM 2020 - Sunday 2020-02-02 (4/15)

UB2.252A (Lameere)		UB4.132	UB4.136	UB4.228	UB5.132	UB5.230	UD2.119	UD2.120 (Chavanne)	
09:00	The State of Go		Continuous Delivery starts with Continuous Infrastructure		Introducing HPC with a Raspberry Pi cluster	Community DevRoom Wel...	Welcome to the Free T...	Intro	
						Applying Open Culture Practices across Distributed Teams	Insights into the Eclipse Open Source Project - News from the Eclipse Platform an...	Distributed Tracing for beginners	
09:15									
09:30	Functional Programming with Go	LPI Exam Session 3			Building an open source data lake at scale in the cloud		Surfing the Tsunami - News from the IntelliJ IDEA Community		
						Organizing Open Source for Cities			
09:45									
10:00	Porting Go to NetBSD/arm64		An event based approach for CI/CD pipelines	Open Source Hardware and Soldering Workshop ↴	Magic Castle: Terraforming the Cloud for HPC			From Oracle to Apache - News from the NetBeans Community	Grafana: Successfully correlate metrics, logs, and traces
						The next generation of contributors is not on IRC			
10:15									
10:30	Build real-world gaming hardware with TinyGo	Mario's adventures in Tekton land			Maggy: Asynchronous distributed hyperparameter optimization based on Apache Spark			The Ethics of Open Source	Jaegertracing in Ceph
						OpenBeans IDE - Creating an Apache NetBeans Distribution			
10:45									
11:00	Diversity, Finally			Snorkel Beambell - Real-time Weak Supervision on Apache Flink	Engineers, Call Your Policy People!				
11:15									
11:30	From Go to Kubernetes CRDs and Back				Efficient Model Selection for Deep Neural Networks on Massively Parallel Processing Databases	Building Ethical Software Under Capitalism			
						Cognitive biases, blindspots and inclusion	Eclipse Loves LSP - Achieving More with Less		
11:45									
12:00	Deterministic debugging with Delve ↴	LibreOffice Exam Session 1 ↴	AMENDMENT Advancing the Future of CI/CD Together		Predictive Maintenance ↴		Language Server Protocol & Debug Adapter Protocol to the Rescue of Web Developmen...		
12:15									

FOSDEM 2020 - Sunday 2020-02-02 (5/15)

	UD2.208 (Decroly)	UD2.218A	UD2.Corridor
09:00		How many engineers does it take to change...	
09:15		Checkpointing in a real time OS for transiently-powered embedded systems	
	Janus as a WebRTC "enabler"		
09:30		Building composable IOT toolsets with Docker, Node-Red and OpenOCD	
	Build your own ENUM server using CGRateS		
09:45		Making an IoT robot	
10:00	Linphone Instant Messaging Encryption		
10:15		AI at the edge with Tensorflow Lite to Design the Future of Vertical Farming	
10:30	Collaboration between Free RTC projects	Sphactor: actor model concurrency for creatives	
10:45			
	XMPP: get your shopping cart ready!	Tarantool Cartridge	
11:00			
11:15	Crossing the Bifröst - Bridging All The Things with Matrix	How to build Webthings?	
11:30		Astarte: A Data-First approach to IoT	
11:45	High quality VoIP platforms with Kamailio		
		Building IoT solutions with Eclipse IoT technology	
12:00	AMENDMENT RTC: A sea of opportunities		
12:15		IoT Updates with IPv6 Multicast ↴	

FOSDEM 2020 - Sunday 2020-02-02 (6/15)

	Janson	K.1.105 (La Fontaine)...	H.2215 (Ferrer)	H.1302 (Depage)	H.1308 (Rolin)	H.1309 (Van Rijn)	H.2213	H.2214
	↳ Why open infrastructure matters	↳ SWIM - Protocol to Build a Cluster	Prototyping the Internet of Things with Wylidrin STUDIO	↳ AMENDMENT JavaScript...	AMENDMENT Rook Cloud Native Storage for Kubernetes	↳ Lightweight virtualization in the Cloud...		↳ A Deep Dive into PostgreSQL Indexing
12:30				AMENDMENT JavaScript on Microcontrollers		LXD for mixed system containers and VM workloads	Gitflow Design	
12:45			DuckDB					
13:00	Why the GPL is great for business	Improving protections against speculative execution side channel	Apache DataSketches	Are PWAs ready to take over the world?	Building Blocks for Containerized Ceph	oVirt 4k - teaching an old dog new tricks	UXBOX, the time for an open source online prototyping platform has arrived	PostgreSQL on K8S at Zalando: Two years in production
13:15			Go REUSE to license your code					
13:30				2nd Generation JavaScript Frameworks & Libraries: Beyond Angular, React, and Vue!		Edge Clouds with OpenNebula	Using biometric gadgets for express-tests in the UX/UI research	
13:45			PICTOR: A free-to-use open source radio telescope		Explicitly Supporting Stretch Clusters in Ceph			
14:00	AMENDMENT Open Source Won, but Software Freedom Hasn't Yet	SaBRe: Load-time selective binary rewriting	Advancing science with Dataverse	Pushing the limits of the Web with WebAssembly		Baremetal at the Edge	Beyond the Pile of Knobs: Usability and Design for Privacy, Security, Safety & Co...	An ultimate guide to upgrading your PostgreSQL installation
14:15			Towards decentralized alternatives for code collaboration					
14:30			Getting started with FPGA's for Packet Processing	State of Node.js Core	A 'Thin Arbiter' for glusterfs replication	A VM journey from VMware to Kubernetes	Jumpstarting your business with Odoo	
14:45								
15:00	Regaining control of your smartphone with postmarketOS and Maemo Leste ↴	The year of the virtual Linux desktop ↴	Quality diagrams with PyCirkuit	Serverless.com framework		Back to the future	File sharing & storage for human rights organizations	The State of (Full) Text Search in PostgreSQL 12 ↴
15:15								
15:30			License compliance for embedded Linux devices with Buildroot	New features of Vue 3.0 ↴	Management of Storage on OpenShift ↴	Running virtual machines out of thin air ...	Design contributions to OSS: Learnings fr...	

FOSDEM 2020 - Sunday 2020-02-02 (7/15)

	H.3242	H.3244	J.1.106	AW1.120	AW1.121	AW1.125	AW1.126	K.3.201
		↳ purism librem 5 BOF	↳ Kodi Community Meeting	↳ r2cloud - Decode satellite signals on R...		↳ Lisp everywhere!	↳ Testing Navit using...	↳ Reinventing Home Directories
12:30		pinephone porters BOF		Platform independent CPU/FPGA co-design: the OsciMp-Digital framework	FreeBSD and LLVM support		Reverse Geocoding is not easy	
12:45						Celebrating Guile 2020		
13:00	Plain Text Accounting BOF			Striving for Performance Portability of Software Radio Software in the Era of Heterogeneous SoCs			Working with spatial trajectories in Boost Geometry	Using systemd security features to build a more secure distro
13:15					Break your BSD kernel	Introduction to G-Expressions		
13:30		PINETIME BOF		Cooperative Perception in Future Cars using GNU Radio			MobilityDB	
13:45						Let me tell you about Raku	Geo-spatial queries on multi-petabyte weather data archives	
14:00	OpenSCAD BOF		OpenHMD Community meeting 2020	srsLTE project update		Minimalistic typed Lua is here		Introducing libeconf
14:15					KDE on FreeBSD		actinia: geoprocessing in the cloud	
14:30	TPM dev BOF	Blockchain BOF		AMENDMENT The Space Operations Facility of FH Aachen (FHASOF)		RaptorJIT: a fast, dynamic systems programming language		GRUB upstream and distros cooperation
14:45					NetBSD Native APIs - A Userland Perspective (Audio, Input)		neat-EO.pink: Deep Learning Computer Vision patterns extraction at scale	
15:00				Task Scheduling of Software-Defined Radio Kernels in Heterogeneous Chips: Opportunities and Challenges		The best of both worlds?	Apache Spark on planet scale	Integrating new major components on fast and slow moving distributions ↴
15:15								
15:30	NGI Meetup ↴		Room Unavailable ↴	SDR4IoT - Using SDR for IoT Device Finger...	X11 and Wayland: A tale of two implementations ↴	Nim on everything ↴	Creating GPX tracks from cycle routes in OpenStreetMap ↴	

FOSDEM 2020 - Sunday 2020-02-02 (8/15)

	K.3.401	K.4.201	K.4.401	K.4.601	UA2.114 (Baudoux)	UA2.118 (Henriot)	UA2.220 (Guillissen)	UB2.147
	↳ Optimizing rav1e	↳ Memcheck Reloaded	↳ A free toolchain fo...	↳ Gneiss: A Nice Comp...	↳ Discover the New Firefox Profiler	↳ Communication Break...	↳ Knocking Down the Nest	↳ IMSC Open Source Pr...
12:30	sled and rio	Postmodern strace	Status of AMD platforms in coreboot	A Component-based Environment for Android Apps		How Kotlin can change developer experience with modern graphics APIs	Peer-to-peer collaboration, search & discovery	Which video network streaming protocol should I use?
12:45					Web compatibility and ML			
13:00	RedisJSON		Open Source Hardware for Industrial use	Demonstration of the Sculpt Operating System		Improve your Android app with coroutines	DAT protocol in the browser: Progress and Challenges	FOSS in Animation
13:15		strace: fight for performance			Facilitating distributed deterministic computation with WASI			
13:30						Confessions of a Serial K-otlin Multiplatform-er	An Introduction to the Tor Ecosystem for Developers	dav1d: 1 year later
13:45		strace --seccomp-bpf: a look under the hood						
	Sharing memories of Python and Rust							
14:00			FOSDEM Video Box	A Brief Survey through Genode's ARMv8 Playground	Loanwords, Agriculture & WebAssembly	Kotlin MP: Into the Multi-Verse	OpenPush	rav1e - 0.3.0 and after
14:15		Tools and mechanisms to debug BPF programs						
	Building WebGPU with Rust							
14:30				NOVA Microhypervisor on ARMv8-A	AMENDMENT A Mozilla IoT Forecast thats Sunny and Clear -- No Clouds!	Multiplatform Kotlin Library Development	The Path to Peer-to-Peer Matrix	Spleeter by Deezer
14:45								
15:00		Support for mini-debuginfo in LLDB	Using OSHW and OSS for building your custom hardware platform ↴		AMENDMENT Generate a DeepSpeech model with the help of your community	AMENDMENT From Swagger to Kotlin via Gradle	Building a Web App that Doesn't Trust the Server	Functional audio and video stream generation with Liquidsoap
15:15	Progress of Rust and WASM in 2019							
		The elfutils debuginfod server ↴						
15:30				The HIPPEROS RTOS ↴	Privacy by Design ↴		MaadiX, your cloud in your hands ↴	Building an Open-Source based audio strea...

FOSDEM 2020 - Sunday 2020-02-02 (9/15)

	UB2.252A (Lameere)	UB4.132	UB4.136	UB4.228	UB5.132	UB5.230	UD2.119	UD2.120 (Chavanne)
	↳ Deterministic debugging with Delve	↳ LibreOffice Exam Session 1	Choosing The Right Deployment Strategy	↳ Open Source Hardware and Soldering Workshop ↴	↳ Predictive Maintena...			
12:30	Classify things in Go: the easy way.				Towards reproducible Jupyter notebooks	Growing Sustainable Contributions Through Ambassador Networks	Flutter Development in Eclipse	Querying millions to billions of metrics with M3DB's inverted index
12:45					Buildtest: HPC Software Stack Testing Fra...		Emacs Should Be Emacs	
						Bringing back ethics to open source	Lisp - Thoughts on the Future of Emacs	
13:00	Dragons of CGO		Progressive Delivery		Facilitating HPC job debugging through jo...			
13:15					Sharing Reproducible Results in a Contain...	Be The Leader You Need in Open Source	AMENDMENT Just-in-Time Programming	Secret History of Prometheus Histograms
13:30	Advanced debugging techniques of Go code	LibreOffice Exam Session 2			Putting Artificial Intelligence back into people's hands			
13:45							Projectional Editing and Its Implications	
			A Practical CI/CD Framework for Machine Learning at Massive S...			Building Community for your Company's OSS Projects		Are You Testing Your Observability? Patterns for Instrumenting Your Services
14:00	Debug code generation in Go				GraphBLAS: A linear algebraic approach for high-performance graph algorithms		IntelliJ Elixir - Elixir Plugin for JetBrains IDEs	
14:15			Our road to a k8s/GKE based Closed Build Environment			Lessons Learned from Cultivating Open Source Projects and Communities		
14:30	Uplift your Linux systems programming skills with systemd and D-Bus				Selecting a Finite Element Analysis Backend for Exascale Fusion Reactor Simulations		VSCoDe Extension for OpenShift Developers	How to measure Linux Performance Wrong
14:45						Free software in education		
15:00	Deep Learning For Gophers	LibreOffice Exam Session 3 ↴	From a Pipeline to a Government Cloud		Build for your microarchitecture: experiences with Spack and archspec		Developer Workspace As Code - Is Developer Heaven in the Cloud?	
15:15						Engaging Enterprise consumers of OSS		From Zero to Useless to Hero: Make Runtime Data Useful in Teams
							FaaS You Like It: Create Serverless Functions & Run Anywhere	
15:30	Speed up the monolith ↴				HPC on OpenStack ↴			

FOSDEM 2020 - Sunday 2020-02-02 (10/15)

	UD2.208 (Decroly)	UD2.218A	UD2.Corridor
		↳ IoT Updates with IPv6 Multicast	
12:30	VoIP Troubleshooting and Monitoring FAQs	IoT with CircuitPython	
12:45	WebRTC isn't just for (video) conference calls	PSLab.io	
13:00		Erlang and Elixir on IoT devices using At...	
13:15	AMENDED Wazo Platform	IOT Lightning Talks	
13:30		IoT Projects in FLOSS Foundations	
	HOMER 2020		
13:45			
14:00	Nextcloud Talk	Kubernetes of Things	PGP Keysigning ↴
14:15			
	Modern VoIP in Modern Infrastructures		
14:30		Insight Fieldtracks	
14:45	AMENDMENT Jitsi: video conferencing for the privacy minded		
15:00		WolfBoot	
	Introducing Falconieri: Remote Provisioning Service as a Service		
15:15			
15:30	Asterisk: A Project Update ↴	Using Micropython to develop an IoT senso...	

FOSDEM 2020 - Sunday 2020-02-02 (11/15)

	Janson	K.1.105 (La Fontaine)...	H.2215 (Ferrer)	H.1302 (Depage)	H.1308 (Rolin)	H.1309 (Van Rijn)	H.2213	H.2214
	↳ Regaining control of your smartphone wi...	↳ The year of the virtual Linux desktop	Open Source Support Program by OTA	↳ New features of Vue 3.0	↳ Management of Stora...	↳ Running virtual machines out of thin air	↳ Design contributions to OSS: Learnings ...	↳ The State of (Full) Text Search in Post...
15:45								
					The history of error correction and detection and how it led to Ceph's Erasure Coding Techniques			
16:00	FOSSH - 2000 to 2020 and beyond!	Making & Breaking Matrix's E2E encryption	NGI Zero: A treasure trove of tech awesome	How to create Javascript-powered Smartglasses		Reaching "EPYC" Virtualization Performance	Designing to change it all	RTFM
16:15								
			European Software Engineering funded research					
16:30				Web of Twins	Ephemeral Pinning: A Dynamic Metadata Management Strategy for CephFS		Pitch your project	
16:45			FOSDEM infrastructure review					
17:00	FOSDEM@20 - A Celebration							
17:15								
17:30								
17:45								
	Closing FOSDEM 2020							
18:00								
18:15								

FOSDEM 2020 - Sunday 2020-02-02 (12/15)

	H.3242	H.3244	J.1.106	AW1.120	AW1.121	AW1.125	AW1.126	K.3.201	
	↳ NGI Meetup		↳ Room Unavailable	↳ SDR4IoT - Using SDR for IoT Device Fingerprinting and Localization	↳ X11 and Wayland: A tale of two implementations	↳ Nim on everything	↳ Creating GPX tracks...	↳ Integrating new major components on fast and slow moving di...	
15:45									
						Move semantics in Nim	Divide and map. Now.		
16:00		Fedora Modularity BOF			openwifi	Graphing FreeBSD disk utilization with Prometheus			
16:15									
16:30					Software Defined Radio based scientific instrumentation		Designing an ultra low-overhead multithreading runtime for Nim	Integration Processes	
16:45									
						Async await in Nim	Wallonia GeoChallenge		
17:00									
17:15									
17:30									
17:45									
18:00									
18:15									

FOSDEM 2020 - Sunday 2020-02-02 (13/15)

	K.3.401	K.4.201	K.4.401	K.4.601	UA2.114 (Baudoux)	UA2.118 (Henriot)	UA2.220 (Guillissen)	UB2.147		
	Rustifying the Virtual Machine Introspection ecosystem	↳ The elfutils debuginfod server	↳ Using OSHW and OSS for building your custom hardware platfo...	↳ The HIPPEROS RTOS	↳ Privacy by Design	Dissecting the inline keyword in Kotlin	↳ MaadiX, your cloud in your hands	↳ Building an Open-Source based audio streaming platform		
15:45										
16:00			Extending the lifetime of smartphones with Replicant, a fully free Android distribution	Unikraft: A Unikernel Toolkit	What Makes People Come and What Makes Them Stay	Decentralizing OAuth2.0 in a post-GDPR world for full privacy and portability	The moldability of mpv	The moldability of mpv		
	Debugging apps running in Kubernetes									
	zbus: yet another D-Bus library									
16:15										
16:30										
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18:00										
18:15										

FOSDEM 2020 - Sunday 2020-02-02 (14/15)

	UB2.252A (Lameere)	UB4.132	UB4.136	UB4.228	UB5.132	UB5.230	UD2.119	UD2.120 (Chavanne)
15:45	↳ Speed up the monolith	↳ LibreOffice Exam Session 3	Deployment to hardware	↳ Open Source Hardware and Soldering Workshop	↳ HPC on OpenStack	Recognising Burnout		
							Bach.java: Lightweight Java Build Tool for Modular Projects	
16:00	Go Lightning Talks				Interactive applications on HPC systems			Grafana-As-Code: Fully reproducible Grafana dashboards with Grafonnet
16:15						How Does Innersource Impact on the Future of Upstream Contributions?	Unit Testing with JUnit Jupiter - How to Use the new JUnit Jupiter Platform	
			AMENDMENT How secure is your build/server?		Building cloud-based data services to enable earth-science workflows across HPC centres			
16:30						Building a thriving community in company-led open source projects		Monitoring of a Large-Scale University Network: Lessons Learned and Future Directions
16:45								
17:00								
17:15								
17:30								
17:45								
18:00								
18:15								

FOSDEM 2020 - Sunday 2020-02-02 (15/15)

	UD2.208 (Decroly)	UD2.218A	UD2.Corridor
	↳ Asterisk: A Project...	↳ Using Micropython to develop an IoT sensor platform with an Augmented Reality UI	↳ PGP Keysigning
15:45			
	Chat Over IMAP (COI): State of the Union		
16:00		TinyGo: Fast, Small, Concurrent: Choose Three	
	Reach for the Clouds With OpenSIPS 3.0		
16:15			
16:30		Zyre: p2p messaging to fuck the cloud	
16:45			
17:00			
17:15			
17:30			
17:45			
18:00			
18:15			