FOSDEM 2024 - Saturday 2024-02-03 (1/9)

	Janson	J.1.106	K.1.105 (La Fontaine)	K.3.201	K.3.401	K.4.201	K.4.401	K.4.601	H.1301 (Cornil)	H.1302 (Depage)	H.1308 (Rolin)	H.1309 (Van Rijn)
	Welcome to FOSDEM											
\sqcup	2024											
\vdash												
09:45												
\vdash												
10.00	Where have the women		Take Your FOSS Project									
	of tech history gone?		From Surviving To									
	, ,		Thriving									
10:15			1									
10:30		Creative Coding with		HopsFS FUSE Mount	Perl at PayProp	Cologne Chip GateMate	Opening Railways and	BEAM me up, Scotty		Enhancing the video	SemVer in the Rust	From phone hardware
$\vdash \vdash \vdash$		TurtleStitch				FPGA filling a gap between hardware and	Open standards, open			call experience with Forward Error	ecosystem: breakage, tooling, and edge cases	to mobile Linux
\vdash						software (with a	data, open-source		Creation for AgnosUI	Correction	lesoning, and eage eases	
10:45						presentation of the GMM-7550 module)	tools: their governance					
				1		GMM-7550 module)	and future					
					Open Food Facts:			Gleam: Past, present,				
	Outreachy: 1000		NetBSD 10: Thirty		Learning and using Perl			future!	calc with calculang, a			U-Boot for modern
$\sqcup \sqcup$	interns		years, still going strong!	External Rook Ceph	in 2024 to transform the food system!		Rust-transit: libraries to		language for calculations			Qualcomm phones
11 15			Strong:	Cluster			manage transit data in rust		Calculations	REPLACEMENT: RTC AMA		
11:15					Company of shot hot		1430			AMA	Writing your own Rust linter	
\vdash					Synergy: a chat bot framework	An introduction to	Counting on openness:	+			Imitei	
11:30			1			Formal Verification of	Privacy-safe passenger		Your web app is taking			Mainline Linux on
11133			1	Boosting CephFS	1	Digital Circuits	counting		up too much RAM. Let's			Qualcomm SoCs, are
		MicroBlocks	1	Security in Kubernetes:				Property based testing	fix it!		The plan for gccrs	we here now ?
11:45				Rook's Intelligent Network Fencing for				in Elixir]	
				Uninterrupted Data						Bridging Open		
\sqcup				Flo			MATSim at SBB: Using			Protocols: XMPP and ActivityPub Gateway		
	How to Chart your own		Reproducible Builds:		The CPAN Security		and contributing to the open-source transport			via Libervia		VoLTE for FOSS
	Career Path in Open Source - Panel		The First Ten Years	Data Security and	Working Group		simulation for		Recycle, Reuse, Rebuild: Transformative			
	Discussion			Storage Hardening in Rook and Ceph		Verilog-AMS in Gnucap	advanced passenger	builder pattern.	Tactics for Turning your			
12:15				·		1	demand modeling.		Brownfields Green			
\vdash					openQA - How do you	1	Bending geographic					
12:30					test a testing software?		maps for enhanced	gen statem Unveiled: A		Shig: distribute and	Hardware pointer	Universal Serial Bug - a
							railway space-time diagrams	Theoretical Exploration	Unraveling JavaScript's	clone live streams	checks in a Rust	tale of spontaneous
Ш				Crash-consistent group					Heart: Mastering the	among Fediverse instances	application near you?	modem resets
12:45				snapshots in CephFS for k8s CSI and you!		FOSS CAD/EDA tools	MARECO algorithm:		Event Loop for Peak Performance			
\vdash		MicroBlocks Workshop		1	Corinna—Perl's new object-oriented system	supporting the open access PDK initiative	how to drive a train using the least amount	Cuesa Less with Entr			Draving Darf	
13.00	The Regulators Are		An engineer's guide to	1	object oriented system		of energy	Guess Less with Erlang Doctor			Proving Performance	
	Coming: One Year On		Linux Kernel upgrades				Railway signaling:	†			1	
\Box	-						detecting conflicts in a		The Biome toolchain	Getting AV1/SVC to	1	
13:15							complex world			work in the Janus		The Linux Phone App
								Implementing UDP		WebRTC Server		Ecosystem
$\sqcup \sqcup$							How we at Deutsche	protocols in Elixir				
13:30				CERN's Open Source	The Art of Concurrent Scripting with Raku		Bahn develop IoT use cases quickly and cost-					
\vdash				Storage Systems	Scripting with Kaku	Using the ECDE for	effectively		Ctaving Abased of the		Friend or Foe Inside?	
13:45						Using the ECP5 for Libre-SOC prototyping		Evolve your (web)app	Staying Ahead of the Game: JavaScript		Exploring In-Process	
10,40				1		J		while it is running	Security	Using GStreamer to	Isolation to Maintain	
\vdash				1	Updates from the PSC	1	Transportr: the Past, the	4 ·		build real-time	Memory Safety fo	
14:00	Copyleft and the GPL:	Snap! workshop ↓	Using your Laptop TPM]	Į į		Present and the Future			applications with		Flutter - about the
	Finding the Path		as a Secure Key Store:							Golang ↓	The Four Horsemen of	nightmare of cross
\Box	Forward to Defend our		Are we there yet				Software needs of a v	Type-safe Queries wit			Bad Rust Code ↓	platform development t
-								121			<u> </u>	

FOSDEM 2024 - Saturday 2024-02-03 (2/9)

	1 2024 - Satuluay											
-	H.2111	H.2213	H.2214	H.2215 (Ferrer)	H.3242	H.3244	AW1.120	AW1.121	AW1.126	UA2.114 (Baudoux)	UA2.118 (Henriot)	UA2.220 (Guillissen)
09:30												
09:45												
09.45												
-								1				
10:00												
10:15												
10.15												
10:30		Public calendars	Opening Energy:					NGI Zero network	Introduction to OpenAPI		Making reproducible	
			Reima					meetup			and publishable large-	
		Linkal	EVerest: One stack to								scale HPC experiments	
			charge them all?									
10:45								1				
10.45								1				
			11.1 El 14					1				
			Using FlexMeasures to					4				
11:00			build a climate tech	Synergy in Open				1			Productionizing Jupyter	
		management system	startup, in 15 min	Communities							Notebooks	
]				1	Stopping all the attacks			
11:15			OwnTech Project: An					1	before they start:			
11.13			open-source generic	Due blomes = :: -! - ! !!				1	Building a security-first			
			reprogrammable	Problems and solutions				4	API			
			technology suite for	for running a distributed virtual world								
11:30		OpenTalk - Video	reima	distributed virtual world							CATS: The Climate	
		conferencing secure						1			Aware Task Scheduler	
		and CDDD samuliant	Forborrain of OCDD with	0 5 5				-				
		· ·	Enhancing OCPP with	Open Food Facts :				1				
11:45			E2E-Security and Binary Data Streams for	and environnemental								
			Data Streams for	im				1	Making API Terms of			
				1111				1	Making API Terms of Service Trustworthy?			
									Presenting FACT : The			
12:00		Securely collaborate	CitrineOS	Observations on a				Modern Email BoF,	Fair API Commitment		Overcoming MPI ABI	
		with CryptPad		DNSSEC incident: the				creating email-compat-	Terms		incompatibility	
				russian TLD				data & more				
12:15								1				
12.15			Power Grid Model: Open	A simple cashing				1				
				service for your Cl				4				
			porformanco powor	Service for your Ci								
12:30		Collabora Online: WASM	systems	ΙΓ				1	The API Landscape :		AOMP Compiler Kung	
			Systems					1	mapping the 2000+ API		Fu: Mastering	
			0.110.11	B				1	and opensource tooling		Optimization Flags and	
			GridSuite and PowSyBI:	Reinventing database				1	for Developers		Environment Variables	
12:45			an Open Source	exploration with							for Performance	
			approach to develop	Azimutt				1				
			adv					1				
13:00		Collabora Online	LFEnergy SEAPATH -	Passbolt - Open source				Outreachy Connect:			Extracting Mini-Apps	
		usability optimization	Easier Operations in	password manager for				Newcomers & Old			from HPC software for	
			Electrical Substation	teams				friends	Deploy Fast, Without		Total Cost of Ownership	
13:15								1	Breaking Things: Level		optimized systems	
13,13			OpenSTEF: Opensource	Kùzu: A Graph				1	Up APIOps With		procurement	
\vdash			Short Term Energy	Database Management				4	OpenTelemetry			
			Forecasting	System for Python					[
13:30		Document collaboration	i orccasting	Graph Dat				1			PyPartMC: engineering	
		made simpler:		Orapii Dat				1			Python-to-Fortran	
 		Revealing the concept		-				1			bindings in C++, for	
		of rooms in ONLYOFFICE	Unleash the Power of	Testing Containers with				1			use in Julia and Matlab	
13:45		DocSpace	Flexibility with	Python and pytest								
		•	Shapeshifter: A					1	Evolving your APIs, a			
\vdash			Univers					-	step-by-step approach			
\vdash									1			
14:00		openDesk - The Open	OpenSCD: Everything	GnuCOBOL, the Free				Cost-Effective Al	`		Feeding ML models with	
			Everywhere All at Once	Industrial-ready				Processing with Open			the data from the	
		suite ↓	Ţ	Alternative for COBOL!				Source Infrastructure 1			Warewulf: an	
											overview	
								•	•			

FOSDE<u>M 2024 - Saturday 2024-02-03 (3/9)</u>

. 0352	W 2024 - Saturday A		UB4 122	UD4 126	UD4 220	UDE 122	UDE 220	UD2 120 (Chausana)	UD2 210A	UD2 110	UD2 200 (Daswahi)
00. 20	UB2.147	UB2.252A (Lameere)	UB4.132	UB4.136	UB4.228	UB5.132	UB5.230	UD2.120 (Chavanne)	UD2.218A	UD2.110	UD2.208 (Decroly)
09:30											
09:45											
10:00											
10:15											
10:30	Linux on a Confidential	DIY Private Container	Bridging Research and			The State of OpenJDK	"Where the !?*! are the	Screen Sharing on	The state of Go		
10.50			Open Source: the			The state of openion	packets going?"	Raspberry Pi 5 Using	The state of Go		
—	the challenge?	-3 - ,	genesis of Gephi Lite			1		VNC in Weston and			
10.45			· •			-		Wayland with the Yocto			
10:45			-					Project and			
<u> </u>						1	Broom not included:	OpenEmbedded			
<u> </u>							curling the modern way				
11:00	How Much Do You Know		Cosma, a visualization					Introducing Sound	The secret life of a		
<u> </u>		Forensic container	tool for network			A decade of JDK		Open Firmware project	goroutine		
			synthesis			Updates in OpenJDK	Improving IPv6-only				
11:15		analysis	From the lab to Jupyter				experience on Linux				
			: a brief history of								
			computational no								
11:30	UKI addons and		Prompt Compass: A			Exploring Quarkus	Load balancing using	"Vanilla" Debian On An	You're already running		
	extensions: safely		Methodological			Native: Choices and	XDP	Industrial Embedded	my code in production:		
	extending UKIs kernel	Internal contract to accom	Approach to Evaluating			Implementation		Device	My simple journey to		
	command line and	Introducing Incus	the U						becoming a Go		
11:45	initrd		UB App: Using Design						contributor.		
			Justice to involve marginalised				Nephio: A New				
			communities and urban			Project Lilliput -	Approach for				
12:00	From Virtualization		planners in co-			Compact Object	Automating Telco Workloads	Using linux-yocto as a	Single binary, full-stack		
	Platform to Hybrid		designing a new			Headers	WOI KIOduS	Yocto BSP kernel	provisioning		
	Cloud Solution: A		photovoice tool				Network Topology				
12:15	Hands-On Account	Kubernetes Operators:	Beyond Ratings:				Discovery: how it really				
		Expanding Automation	Empowering			1	works				
-		in Containerized	Communities through				-				
			Wikirate for T								
12:30	Making VirtIO sing -		From Grassroots to			An in-depth look at JFR		Embedded Security	Efficient Integration		
	implementing virtio- sound in rust-vmm		Standard Practice: how an Open Science soc			in GraalVM and how it compares to JFR in	ipt_geofence:	2023	Testing in Go: A Case Study on Dapr		
L	project					OpenJDK	Protecting Networks using GeoFencing,		Jeauy on Dapi		
12:45			Bridging contributor's				Blocklists and Service				
		Composefs and	knowledge and the				Analysis				
		containers	technology of The Tu				Network Function				
13:00	OpenStack Cluster		The CarpentriesOffline:			Foreign Function &	Abstraction: A delicate	V4L2 Stateless Video	Effortless Bug Hunting		
	Installer (aka: OCI): the		Teaching Foundational			Memory API	question of (CPU)	Encoding: Hardware	with Differential Fuzzing		
	Debian way to manage		Data Science and			1 '		Support and uAPI			
13:15	your OpenStack		Coding Skills with Little			1					
13.13	deployments		or no Internet Access			1	Testing iptables firewall				
—		libamicontained: a low-	}			1	rules with scapy				
12.20			The French One:				Tales with scupy	A fully on an accome	Maintaining Ca		
13:30	Exercising QEMU generated ACPI/SMBIOS	reasoning about	The French Open Science Monitor:				1	A fully open source stack for MIPI cameras	Maintaining Go as a day job - a year later		
	tables using Biosbits	resource restriction	steering the science			Ruby on the Modern		Stack for MIFF Callicias	Job - a year later		
	from within a guest VM.		based o			JVM: Fibers, FFI, and More					
13:45			Infra Finder: Increasing			ויוטופ	iputils project				
			visibility of open			1	introduction				
			technologies for			1					
14:00	One SDN to connect	Using chroots in a	Best practices for			1	VPP: 100Mpps of MPLS	enioka Scan: say No! to	How we almost secured		
2.100		single Linux Container	research in open source				on a Linux PC 1		our projects by writing		
			ecosystems 1			Virtual Thread's Next	1	barcode scann	more tests 1		
			<u> </u>			THEORET THEORET S NEXT					

FOSDEM 2024 - Saturday 2024-02-03 (4/9)

	Janson	J.1.106	K.1.105 (La Fontaine)	K.3.201	K.3.401	K.4.201	K.4.401	K.4.601	H.1301 (Cornil)	H.1302 (Depage)	H.1308 (Rolin)	H.1309 (Van Rijn)
14:15	4 Copyleft and the GPL: Finding the Path	4 Snap! workshop	4 Using your Laptop TPM as a Secure Key Store: Are we there	CephFS at CERN in view of Disaster Recovery	4 Updates from the PSC	4 Using the ECP5 for Libre-SOC prototyping	Software needs of a volunteer operated Closing Railways and	4 Type-safe Queries with Gleam & GraphQL	Codebase Conquest: How Nx Turbocharged Our React Workflow	4 Using GStreamer to build real-time appl	→ The Four Horsemen of Bad Rust Code	հ Flutter - about the nightmare of cross
	How open source projects approach Functional Safety		yet?	,			closing naiways and			Building open source telephone agents using LLMs		5G in ModemManager
14:45	,							Open Source DocOps	Web Performance: Leveraging Qwik to Meet Google's Core		Introducing Ratatui: A	
15:00	Privacy-respecting usage metrics for free		Hactorscript in ART: Bug-free Software on	Deploying a hyper- converged infrastructure with	The best `case` scenario	Writing a consistent- hashing Loadbalancer	Debug your stage-1	-	Web Vitals		Rust library to cook up terminal user interfaces	gap between various
15:15	software projects	ZIM Workshop	Unhackable Hardware	Ceph across the Cloud- Edge Continuum		for the Kong API gateway (ketama principle)	systemd with GDB and the NixOS test framework	Style as code: Using open source tooling to codify technical	Can we simplify charting libraries?	Skynet: introducing local Al summaries in Jitsi Meet		platforms with convergence
15:30				Chorus - Effortless Ceph S3 Petabyte Migration		DNS for I2P: Distributed Network without Central Authority	Love rr, Love rr, you're so good to me	documentation style			WASM 101: porting a	Genode on the PinePhone on track to real-world usability
15:45					A front-end journey back to Rails	- Contract Authority		Taming Abstraction	Building your own JavaScript runtime with Rust	Moving real-time Al	Sega Game Gear emulator to the browser	real world asability
16:00	Ingesting and analyzing millions of events per		The D Programming Language for Modern	SMB for Linux with		Algo-rollover for .nl	Help us improve time manipulation with GDB			inference to the edge with Infernos	A Deep Dive into Tower	Wayland's input- method is broken and
16:15	second in real-time using open source tools	GDevelop	Open Source Development	SMB3 POSIX extensions	Besides Web: a Worker		ROCgdb, GDB and	Easily Going Beyond MarkDown with	MessageFormat: The future of i18n on the web			it's my fault
16:30					story.	Bootstrapping time on OpenBSD	AMDGPU debugging	Material for MkDocs		Build your ENUM LCR Server using CGRateS		Why not run OpenCL- accelerated LLM on your phone?
16:45							GDB on Windows: status & plans	Docsy for documentation: looking back, looking forward	Cryptography against Al: Deepfake resistant		Embedding Servo in Rust projects	your priorie:
	Will the first Artificial General Intelligence (AGI) instance be free		One way forward: finding a path to what comes after Unix	Exploring Samba on various File Systems: Bridging ideas and enthusiasts together	The world of Passkeys	Let's make people love domain names again		back, looking forward	WebRTC videocalls			The Journey to Ubuntu Touch 20.04 on PINE64
17:15	or open-source software?		Comes arter only				Online Debugging and ABI Data Services	Drop the docs and embrace the model with Gaphor	All Things Astro	SecSIPIdX - Library, CLI tool and RESTApi server for STIR/SHAKEN		
17:30		Hedy		Advances in Garage, the low-tech storage platform for geo-		dnsconfd: system integrated DNS cache	Poke all the microcontrollers!					Towards a bright future with Mobian?
17:45				distributed clusters	Backtracie and the quest for prettier Ruby backtraces		microcontrollers:	Experimenting with Al and LLM to make docs searchable through a chat application		Provide VoLTE/VoNR		
	Learning from disaster response teams to save the internet		First Aid Kit for C/C++ Server Performance			Domain: A modular Rust DNS toolkit	Verrou : a valgrind tool dedicated to floating point error diagnosis		Better Bee Be Better: spot more bugs than TS with less than JS	using OpenSIPS 3.5	Fighting cancer with Rust	Daily blogging embedded Gecko development
18:15	and meanine			MicroCeph: Get Ceph Up and Running in Minutes	Deploy Your Next Ruby App with WebAssembly (Wasm): Smaller, Safer,		point cirol diagnosis	Embeddable code playgrounds for fun and profit			The journey of hacking in a new serde	
18:30	Magic and Software			Container Storage Interface Addons:	Faster	The first 13 years of blockchain name systems			Who's testing the tests? Mutation testing with StrykerJS		dataformat	PineTime: A Programmer's Toy and Beyond
18:45				Extending CSI specification to provide advanced storage		-,5-55						- 5,5
				operations					<u> </u>			

FOSDE<u>M 2024 - Saturday 2024-02-03 (5/9)</u>

	vi 2024 - Saturday		11 2274			11.2244	AW4 400	1 4144 404	AW4 100	U40 114 (D. 1.)	U40 440 (U : 1)	
\rightarrow	H.2111	H.2213	H.2214	H.2215 (Ferrer)	H.3242	H.3244	AW1.120	AW1.121	AW1.126	UA2.114 (Baudoux)	UA2.118 (Henriot)	UA2.220 (Guillissen)
14:15		4 openDesk - The Open						4 Cost-Effective Al	4 Evolving your APIs, a		ե Warewulf: an overvi	
			Everywhere All at O	Ensuring Longevity:				Processing with Open	step-by-step appr		HPC-oriented Large-	
		suite		Strategies for				Source Infrastructure			scale Code	
\vdash				Sustainable FLOSS				1			Restructuri	
14:30			Power to the People -	Projects.								
			Technology for Access					1			HPC Container	
			to Energy					1			Conformance	
14:45			1					1			Updates and	
			-					-			Innovations with the	
		Another approach to Al									Apptaine	
								1				
15:00			Sharing the operational	Documenting and			Introduction to the	Weblate BoF	Thunderbird: Why		Automating Spark (and	Welcome to the Legal
			cost of Europe's	Fixing Non-			Public Code and Digital		Visual Change Is Good		Pipeline) Upgrades	
			electricity grid:	Reproducible Builds due			Public Goods devr				While "Testing" in	RHEL and CentOS and
			optimization and	to Configu			1			How do you change the	Production	the growth of
15 15			transparency through					+		governance model of		openwashing in FOSS
15:15			open				Sustainable Open			an established open		
		Using Generative Al		Platform engineering			Source Development			source project?		
		and Content Service Platforms together		for dummies			1					1
15:30		Platforms together	Quartz Solar OS:						Reimagining Personal		RDF Dataset	
			Building an open source						Computing with E ink:		Canonicalization:	
			Al solar forecast for	Taming the Beast:					Community Insights		scalable security for Linked Data	
15:45			everyone	Managing High-Growth			Some updates on Public	1	and Design Challenges	Meritocracy or Do-	Linked Data	
13113		Mah Assasihilitusand	1	Postgres Databases at			Code in Germany			ocracy - why diversity		
\vdash		Web Accessibility and Environmental					1			is still hard and what		
		Sustainability and with					1			can we do		
16:00		Popular CMS	Can open source	ε-serde / mem_dbg /			1	Flathub / Flatpak BOF	Liquid Prompt: yes, we		Semantically-driven	Figuring out trademark
			development drive	sux / dsi-bitstream /					can drastically rethink		data management	policy on the fly
			energy transition?	webgraph: a Rust ec					the design of a shell		solution for I/O intensive HPC	
16:15			PyPSA-Earth experience				GNU Health.	1	prompt		workflows	
				Using elliptic curve			Incorporating Digital			Please Make It Make	WOINIOWS	1
\vdash				cryptography for the			Public Goods in the			Sense: Product		
\vdash				purposes of identity			Europea			Management Methods		
16:30			Carbon measurement	· · ·			The Orthanc ecosystem		Bad UX is Bad Security:	to Make Your Project's	RCTab Cloud	GPL's Termination
			and energy attribution				for medical imaging		Adventures in Qubes	Purpose Clear	Subscription	under German Law
		Cristal: a new Wiki UI to	for processes and hardware devices in the	Timestamping with					OS UX Design		Management System	1
16:45		rule them all	Linux kernel	opentimestamps								1
			Linux Kerrier	[OSPO4Good UN Event	1				1
							report & 2024 Call for			Compliance as a		1
17:00			Advanced Linux Power				From disconnected	AlekSIS - What are the	Web-accessibility for	Community Effort:	Vector Search in	Fireside Chat on Further
			Management				ele	needs of a free school	open-source privacy &	Engaging Contributors	Modern Databases	Restrictions, Imposed
			Evaluation using Perf				Legislation Editing O	information system?	security tools	and Users		Downstream on
		Pushing Tiki to its limits	1				From Excel to Grist:	1				Copyleft, Wreaking
17:15							Gno.land: Improve	1				Havoc
17,113							You					
			How can Open-Source				TruBudget - a DPG to	1				
			help the Wind Power				Intro to Janssen: Man	1				
17:30			industry?				Moodle: Empowering			Single-vendor is the	NFD: Simplifying	1
17.50							ed			new proprietary	Cluster Administration	
							Fiscal sponsorship for /			[]	through Automated	
		How to get rid of	Energy optimisation:				and FOSS project				Node Labels, Taints,	The new Swiss Open
17:45		Confluence: Comparing					What can digital open				and Annotations	Source Law: "Public
1/:45		Open Source	smart district									Money Public Code" by
\vdash		Knowledgemanagent					Open Terms Archive					default
16.55		Systems					OpenFisca					4
18:00			A journey accross the				Developing in Public :				How the Kubernetes	
\vdash			environmental materiality of digital				Open Source Tech Education				Community is Improving Kubernetes	
\vdash		The Challenges of	services				Luucation				for HPC/AI/ML	Hot Topics: Organizers
18:15		Creating a FOSS Fact-	JCI VICCJ				1				Workloads	of the Legal & Policy
		Checking Platform for the Brazilian					1					DevRoom discuss the issues of the day
		tne Brazilian Community					<u> </u>					issues of the udy
18:30		Community	Power profiling my				Open Source Railway		Penpot 2.0 is here!		Kubernetes and HPC:]
			entire house with the				Designer (OSRD): why		1 '		Bare-metal bros	
			Firefox Profiler				SNCF Réseau start an		1			
18:45			1				open source project ?		1		1	
-3. 73			1				1		1			
			Closing Energy:				1					
1 1			Reima									
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FOSDEM 2024 - Saturday 2024-02-03 (6/9)

	UB2.147	UB2.252A (Lameere)	UB4.132	UB4.136	UB4.228	UB5.132	UB5.230	UD2.120 (Chavanne)	UD2.218A	UD2.110	UD2.208 (Decroly)
	Some SDN to connect them all	□ Using chroots in a single Linux Container	♣ Best practices for research in open source			↓ Virtual Thread's Next Steps	→ VPP: 100Mpps of MPL				
		as an alternative	ecosystems			-	Orchestrating Change: Automating GÉANT	The Small Device C Compiler (SDCC)	writing more tests		
	Deploy Kubernetes From Kubernetes: an	Soft Reboot: keep your	PHAIDRA - A Repository Where Research Data				Network Migration		Dependency injection: a different way to		
		containers running	Goes to Live (Not				Flying higher: hardware		structure a project		
14:45		while your image-based Linux host gets	Updating open data standards				offloading with BIRD	Brewing Free Beer with ESPHome and Home			
15.00	One wating Kubawastas	lunging with LUDs and	William adia musicata and			The Challenges of Running the Fuzion	Emphission the Days	Assistant	Putting an end to		A microkernel-based
	Operating Kubernetes Across Hypervisors with		Wikimedia projects and OpenStreetMap as an			Language Natively on the OpenJDK	Embiggen the Box: Extending NetBox	Dora-rs: simplifying	Makefiles in go projects		orchestrator for
15:15	Cluster API & GitOps	What's new in	Open Research Infrastructure			пте орепјак	ZeekJS: JavaScript	robotics stack for next gen robots	with GoReleaser		distributed Internet services?
13.13		Containerd 2.0!				OpenJDK Project	support in Zeek				
15.20	#snapsafety: de-		Detecting Propaganda			Wakefield : The Wayland Desktop for	k8gb meets Cluster API	Vehicle Abstraction in	REST in Peace: using		A Modular Approach to Effortless and
13:30	duplicating state across		on Facebook and			JDK on Linux	Rogo meets cluster AFI	Automotive Grade	generics to remove		Dependency-Aware Unikernel Building
15:45	Virtual Machine clones	Orchestrating eBPF Applications in	Instagram Ads using Meta API				1	Linux with Eclipse Kuksa	REST boilerplate		Officerner Building
13:43		Kubernetes and Fedora				Zeroing and the	Bringing routes to				Run Node.js in a
16.00	Dinavije avdia baskand		Unio akina Dagaarah			semantic gap between host and guest	Kubernetes nodes via BGP: introducing frr-k8s	Zephyr and RISC-V: I	Lourando supplical		unikernel reliably
10:00	Pipewire audio backend in QEMU		Unlocking Research Data Management with					Ain't Áfraid Of No	Low code graphical apps with Go top to		
16 15		Life and allife	InvenioRDM				Multi-network in	Ghosts	bottom!		Heim with a NOVA
16:15		Lift and shift: Modernising a legacy	Making OpenRefine more reproducible			Bespoke containers	Kubernetes: No				Using the NOVA Microhypervisor for
16 20		LAMP application with systemd-nspawn	Nada Daduatian			with Jlink and OpenShift	batteries included	A	Constitution of the latest		Trusted Computing at Scale
	Al-Driven Observability and Operations in		Node Reduction through Artificial			+	Declarative Networking in Declarative World	An open-source, open- hardware offline finding	Creating a multiplayer game in Go, from zero		
	Cloud-Edge Systems	vscode-container- wasm: An Extension of	Intelligence Inferences using Graphology and			A beginner's guide to Backports	<u></u>	system			
16:45		VSCode on Browser for	SigmaJS: A Case Study on Hypertextual Conv			Васкропс	I want my own cellular network! Having fun		ŀ		Unikernels Are Here:
		Running Containers Within Your Browser					with LTE networks and Open5Gs.				Building, Running and Deploying Application
17:00	Bare-Metal Networking For Everyone		Qadence - A library for Digital Analog Quantum			Cryostat: JFR in the cloud	OpenRAN & Open	From an artificial nose weekend hack to a	[Replacement Talk] Having fun with MIDI		Unikernels With
			Computing				Source: The Cool Kids of Telecom - Shaking Up	l '	and Go		
17:15		Zero-touch Infrastructure for					5G/LTE Networks				Is Toro unikernel faster for MPI?
		Container Applications				The JVM vs.					
	Instant Ramen: Quick and easy multi-cluster		Science without secrets - how Galaxy			WebAssembly: An In- Depth Comparative	Navigating the Networking Maze of		Smartwatch firmware in Go? On TinyGo, small		
	Kubernetes development on your		democratizes data analys			Analysis	Kubernetes: A Journey of Di		displays, and building a delightful developer		News from the Hermit
17:45	laptop		Workflow managers in				Securing 1M+ devices:	1	experience		Crab — From Soundness Foundations
		Modern Build Systems for Containers	high-energy physics: enhancing analyses			Inner Workings of Safepoints	My learnings from working as an IoT Arc		}		to GPU Virtualization
18:00			Open Neuroscience:			·	Netfilter or eBPF? Use	Flutter, Buildroot, and	Go Without Wires		Linux Binary
			practical suggestions for conducting open			Java to unlock GPU	both with bpfilter!	you!	Strikes Back		Compatible Unikernels with Unikraft
18:15			neuroscience research			acceleration for Polyglot Language	Packet Where aRe You - An eBPF based tool for	1			Compani D
		From Containers to				Runtimes	diagnosing Linux		our e		Support Dynamically Linked Executables via
18:30			MiniMill: a miniature Field Mill Electrometer				networking	Google Home, But Better: Building our			Linux ld.so and Implement ENA Driver
		in Cloud-Native Environments	for airborne platforms			Apache Maven 4.0.0 -		own Smart Home			t Streamlining
18:45		ZVII OIII/ICIICS				Current State		Display with Flutter			application development for
						4			_		Genode with Goa

FOSDEM 2024 - Saturday 2024-02-03 (7/9)

	Janson	J.1.106	K.1.105 (La Fontaine)	K.3.201	K.3.401	K.4.201	K.4.401	K.4.601	H.1301 (Cornil)	H.1302 (Depage)	H.1308 (Rolin)	H.1309 (Van Rijn)
19:00												

FOSDEM 2024 - Saturday 2024-02-03 (8/9)

	H.2111	H.2213	H.2214	H.2215 (Ferrer)	H.3242	H.3244	AW1.120	AW1.121	AW1.126	UA2.114 (Baudoux)	UA2.118 (Henriot)	UA2.220 (Guillissen)
19 - 00												

FOSDE<u>M 2024 - Saturday 2024-02-03 (9/9)</u>

	UB2.147	UB2.252A (Lameere)	UB4.132	UB4.136	UB4.228	UB5.132	UB5.230	UD2.120 (Chavanne)	UD2.218A	UD2.110	UD2.208 (Decroly)
19 - 00											

FOSDEM 2024 - Sunday 2024-02-04 (1/6)

IOJUL	M 2024 - SUNGAY 20 Janson	J.1.106	K.1.105 (La Fontaine)	K.3.201	K.3.401	K.4.201	K.4.401	K.4.601	H.1301 (Cornil)	H.1302 (Depage)	H.1308 (Rolin)	H.1309 (Van Rijn)
09:00	Where Did All the Fun Go? And How to Bring		20 Years of Open Source building XWiki	Welcome to the Transl	Welcome to the Identity and Access	de	Welcome to the SBOM d	 Introducing the Open 	MIT App Inventor	Units of composition: recipes, overlays, and	Welcome to the Open Hardware devroom	Yet another event sourcing library
	it Back with FOSS!		and CryptPad	Localization of Open Source Tools into	Management devroom!	GCC for new contributors	SPDX 3.0 - a migration journey	Website Alliance a		packages	Multi-disciplinary	-
09:15				Swahili	SpiceDB: mature, open			Defend FOSS: From	1		geometry (libraries) in BIM and the	
					source ReBAC			innovation to world- wide positive change			IfcOpenShell software	The Old Remains New
09:30				A universal data model	1		Overview of SPDX	1		Fortifying the Foundations: Elevating	library	
				for localizable messages		How to bring up GCC for your new chip	tooling and how SPDX3 gets adopted			Security in Nix and	Dune 3D - the making	declarative calcs and
09:45					Agama: Low-Code Web Identity Orchestration		FOSS for FOSS: DejaCode is your new]		NixOS	of a maker's tool	visualization with calculang
				-	lucinity orenestration		FOSS control center for					
10:00	Opening up		You too could have			My experience as a first		1		Packaging Bazel and	Comprehensible Open	For Want of Anneal:
	communication silos with Matrix 2.0 and the	CoderDojo	made curl!	Happy translating! It is		time contributor to GCC's LTO	Software Naming		CoderDojo	Bazel-based packages	Hardware: Building the Open Book	Examining The Unseen Changes Concerning
10:15	EU Digital Markets Act	Coder Dojo		possible to overcome	Improving	Unicode Support for	1	Open source leadership	Coderbojo			Changes To VCS Assets
				the language barrier in Open Source!	Infrastructure Security Through Access	GCC Rust		at scale, how 1300+ people improved			FreeCAD - state of the union	How to create the universal operating
10:30					Auditing Role of IGA in Access		SBOM: What's next?	Drupal's multilingual features		Remediating thousands	umon	system
10130					Management with Multilateral Identities	What can Compiler- Explorer do for GCC	SBOTH WHATS HEXE.			of untracked security vulnerabilities in		
10:45					- Indicinate of the factor of	explorer do for GCC	Protobom: The	1		nixpkgs		How much math can you fit in 700K?
				Lessons learnt as a translation contributor		Unlocking Secret	Universal I/O Layer of SBOM				KiCad Status Update	
11:00	Alexandria3k:		OpenPrinting - We	the past 4 years	FusionIAM - a full Open	Analysis in GCC Static		Making FOSS CMS	1	Nix for genetics : po		Scheme in the Browser
	Researching the world's knowledge on your		make printing just work!		Source Identity & Access Management	Analyzer	Security Starts With the SBOM	shared competency		Automatic boot assess		with Guile Hoot and WebAssembly
	laptop				solution			standards		Typhon: Nix-based con		
11:15							1			rix: an R package for		
		Hedy Workshop				Yacking about Bison			Snap!	Preparing a 30 year-l		RISC-V Bootstrapping in Guix and Live-Bootstrap
11:30				Long Term Effort to Keep Translations Up-	Add user self- management,		Make your software products trustable]		Running NLnet on NixOS	LibrePCB Status Update	
					brokerage and federation to your	Can the mold linker be						Self-hosting and
11:45					infrastructure with Keycloak	/usr/bin/ld?	Can SBOMs become first-class citizens in	Breaking Barriers: Content Management				autonomy using guix- forge
				1	Reycloak		Open Source ecosyste	Systems and Accessibility			ngspice circuit	
12:00	How to Build an Open Source School Cloud for		SCION, hitting the future Internet road:		lpa-tuura: FreelPA connector for Keycloak		SPDX in the Yocto Project]		Clevis/Tang: unattended boot of an encrypted	simulator - stand-alone and embedded into	Spritely, Guile, Guix: a unified vision for user
	5 Million Users		Next-generation Internet ecosystem and	Using Open Source Als	connector for Reycloak	Build Distribution for	† ´]		NixOS system	KiCad	security
12:15			burgeoning opportunities	for Accessibility and Localization		Maintaining the Famous GCC 4.7	How to make SPDX industry standard for			-		
			ορροιταιπίες			Sega Dreamcast Homebrew with GCC	AI/ML		Youth Hacking 4			Five years of Teal: minimalism versus
12:30	Private clouds do not	MIT App Inventor	1		Passkey authentication	nomeniew with GCC	Application of the SPDX		Freed Live coding music with			growth in language
	need to be legacy!	Workshop			- the result		Safety Profile in the Safety Scope of the		MicroBlocks and microcontrollers.		Modos: Building an Ecosystem of Open-	design
12:45					Post-Quantum		Zephyr Project]		Hardware E Ink Devices	
					Cryptography transition: where we		-		1			
13:00	Firefox power profiling: a powerful visualization		Sequoia PGP: Rethinking OpenPGP	turnip: Update on Open	are now		SBOMs that you can trust - the good, the			17-year journey of the Mozilla Support	The Basic Economics behind Open Source	
	of web sustainability 1		Tooling 1	Source Vulkan Driver			bad, and the ugly		1	platform & its community	Funding in 2024	
13:15				for Adreno GPUs	Beyond passwords: secure authentication	Welcome to the LLVM d		Wrestling giants: How can free open source		Community		The Matrix State of the Union
					with passkeys	Linker Scripts in LLD and how they compare]	CMSes remain competitive with				
13:30						with GNU ld	12 months of SBOMs -	enterprise clients? 1		Diving into PDF.js: the	QUBIK a 1p PocketQube	
		Snap! Workshop ↓		Graphics stack updates for Raspberry Pi d			an experience report 1		Hedy ↓	advantages of the web platform	satellite platform 3	
		Shap, WOINSHUP V	<u> </u>		L				incuy w	!	!	

FOSDE<u>M 2024 - Sunday 2024-02-04 (2/6)</u>

	.2111 H.2213	H.2214	H.2215 (Ferrer)	H.3242	H.3244	AW1.120	AW1.121	AW1.126	UA2.114 (Baudoux)	UA2.118 (Henriot)	UA2.220 (Guillissen)
09:00	Welcome to the	The importance of Web				Welcome to the EU		Welcome to the RISC-V	(=====	UKIs, TPMs, immutable	Welcome to the
	Modern	Performance to				Policy Workshop		devroom		initrds and full disk	Monito
	[Protocols] Security of STARTTLS in the E-Mail	Information Equity				Devroom				encryption – What Distributions Should	
	Context					CRA & PLD: [begin			Cracking the Code to Executive Support:	Keep in Mind when	Auto Instrumentation
09:15						wor CRA: 40 new ways the		MAMBO - Dynamic	Open Source Edition	Hopping onto the System Integrity Train	for your NodeJS Application on
03.13								Binary Modification Tool		System integrity fram	Kubernetes.
						PLD: When software		for RISC-V			
	[Dystocols] Things we					ca CRA & PLD: panel		-			
09:30	[Protocols] Things we wish we knew before	Let's build a RUM				CKA & PLD: panel					
03.30	starting an IMAP library	system with open				1					
		source tools				1					
09:45									Al DevRels - Risks of		
						1			Neglecting Open Source Talent in Al		When Prometheus Met
						4			Critical Infrastructure		OpenTelemetry
10:00	[Protocols] Unicode in email: RCPT	Better than loading fast is loading	Compiler Options Hardening for C and				NLnet office hour	Lessons from porting software to RISC-V @		Adapting Your Project: Making Changes	
		instantly!	C++			1	1	RISE		Without Breaking Linux	
10:15		·				CRA & PLD: workshop	1			Distributions	
10113		1	Mind the gap: Building			- C. V. G. I. E.S. WOLKSHOP			Open Source in 2024:		
	[JMAP] JMAP: Getting		a cultural commitment						boundaries, burnout,		
10:30	Started	Keyboard Interactions	to documentatio						business	Enhancing Linux	Strategic Sampling:
						1				Accessibility: A Unified Approach	Architectural
		[A Lazy Developer's			1				Approach	Approaches to Efficient Telemetry
10:45	[JMAP] OpenXPort JMAP:		Approach to Building Real-Time Web					Unleashing RISC-V in			
	a PHP library for	Web Performance at	Applica					Managed Runtimes: Navigating Extensions,			
	[JMAP] Intro to Ltt.rs a	Mozilla and Wikimedia						Memory Models, and	Where are the limits of		
11:00	JMAP client for	Understanding how the	Unpack Phabricator,			CRA & PLD: CRA	Telemetry BOF	Performance	open communities?		
		web browser works, or tracing your way out of	Welcome Phorge - Forking the Opinionated			confor CRA & PLD: rapporteur	1	Challenges in OpenJDK			
		(performance)				playback					Unifying Observability:
11:15	[Servers] Exchanging	problems				FOSS policy	1				The Power of a
11.15	Microsoft:					engagement: [begin					Common Schema
	Implementing 27 MS		geOrchestra Spatial Data Infrastructure			workshop]	1				
	Exchange Protocols & APIs in O					FOSS policy engagement: a CRA					
11:30	741.15 111 6.111	Fast JavaScript with				retrospecti		A framework for RISC-V		The State of Enterprise	
	[Servers] Aerogramme,	Data-Oriented Design				FOSS policy	1	SBI verification and ISA extension validation	Free & Open Source Software	Linux 2024	
	a multi-region IMAP		0 A.D. game: Vulkan API			engagement: The		CACCHSION Validation	Soltware		
11:45	server					impact of the FOSS policy	1				
11173						engagement: EU FOSS					Linux load aver
						Act	-				Linux load average and other silly metrics
12.00	[Servers] Apache James: Modular email	From Coords AdCs	Duilding the condition			FOSS policy engagement: panel	NetwerkMe			Almont in our Herrite	
12:00	I.		Building the world's virtual classroom			- Chigagement, panel	NetworkManager community meetup		The Many Hats of a	AlmaLinux: How to make a RHEL	
		privacy-friendly				1	FOSDEM 2024		Maintainer:	compatible distribution	
12:15	[Servers] Mox: a	banners				1			Organizational Design		
	modern full-featured	Insights from the RUM	Attempt at building a						That Helps Reduce Them		
	mail server	Archive	transit app in Africa				1		mem		
12:30						FOSS policy				mkosi-initrd: Building	Fast, Cheap, DIY
						engagement: Fishbowl conversation - share			0.1.1	initrds out of distribution packages	Monitoring with Open Source Analytics and
12.45	[Operations] Enterprise Mail Security with Open		Custom for Talasisis			your experience		prob	Solving community problems with	alsa isaalon packages	Visualization
12:45	Source?		System for Television Off-air Recording and			+			documentation		
	[Operations] A user		Archiving, BFI Na			1					
	provisioning API for					1		•			
-	provisioning Art for					1	1				

	H.2111	H.2213	H.2214	H.2215 (Ferrer)	H.3242	H.3244	AW1.120	AW1.121	AW1.126	UA2.114 (Baudoux)	UA2.118 (Henriot)	UA2.220 (Guillissen)
13:00								Rust Distro Meetup ↓			The Monolith versus the	
				Do you know YAML?							Swarm - A Comparison	
		[Operations] Rspamd's					FOSS policy				of openSUSE's and Fedora's Build	Implementing distributed traces with
13:15			Confidential Computing devroom welcome				engagement: rapporteur playba		Open Source Firmware,	Open practices for open projects	Infrastructures	eBPF
							Public services		Open Source Firmware			
				Introduction to			interoperability: [begin		status on AMD			
13:30		[Clients] Introduction to		BlissLabs and Bliss OS			workshop] Free/open Public services interoperability: The		platforms 2024 - 5th		Desktop Linux, as easy	
		Thunderbird for Android	Intel TDX Deep Dive 1						edition		as a smartphone! Just in a Snap! ↓	
		Ť					Int				in a Shap. •	

FOSDEM 2024 - Sunday 2024-02-04 (3/6)

		UB2.252A (Lameere)	UB4.132	UB4.136	UB4.228	UB5.132	UB5.230	UD2.120 (Chavanne)	UD2.218A	UD2.110	UD2.208 (Decroly)		
	Welcome to the	An Introduction to Open				How to Win 1st Place in	How do you write an	Beyond Joins and	How to Use Private		Welcome to Testing		
	Devroom and Announcements	Source Al				the Kernel Patch Statistics - Tools and	emulator anyway ?	Indexes	Data in Generative AI: End-to-End Solution for		an		
	Announcements					Workflows			Retrieval Augmented		Streamlining Developer		
						WOIKIIOWS			Generation with		Experience: The Power of CI/CD		
	Compressive Progress:					4					Standardization and		
\longmapsto	A Very Sparse Updat					4					Interoperability		
09:30	Using GPU for real-time	From OpenLLM-France					1		A murder party with		-		
	SDR Signal processing	to OpenLLM-Europe:				Characallada a lasas al	+		Lea				
\longmapsto	g	Paving the way to				Streamlining kernel hacking with mkosi- kernel	Panda3DS: Climbing the tree of 3DS emulation						
		sove						1			Ghosting the hardware		
09:45	9:45	Building Open Source											
igwdot		Language Models				4							
igspace						4							
	trx-control - modern	LinTO Studio as Your					emulation	Isolation Levels and	`New` Workflow				
	software to control	Ultimate Open Source Al-driven Media Man				libvpoll: create synthetic events for poll, select and friends	1	MVCC in SQL	Orchestrator in town: "Apache Airflow 2.x"		Pushing test lab to its		
igsquare	amateur radio transceivers and other	LangChain From 0 To 1: Unveiling the Power of LLM Programming						Databases: A Technical Comparative Study	Apache Airliow 2.x		limits: performance		
10:15	hamradio hardware										tracking techniques		
igwdot													
igwdot		LLM Flogramming											
	Covert Ground Based		WebAssembly,					1	Data workflows: translating dbt to Apache Airflow		Performance testing and why even the imperfect one is important		
igwdown	Synthetic Aperture RADAR using a WiFi		WebComponents and media filters all at			More flexible user							
igsquare	emitter and SDR		once: a proposal to			namespaces	Breathing Life into						
	receiver	ML Guided	open the Web to variety				Legacy: An Open- Source Emulator of Legacy Apple Devices						
igsquare		Optimizations in LLVM	of fo										
$\sqcup \sqcup$													
	Design of a follow-up		GStreamer: State of the					Reducing Costs and	A slow migration from Django templates to Vue+GraphQL				
igsquare	QO-100 payload -		Union 2024			_		Improving Performance With Data Modeling in Postgres					
igsquare											squash the flakes! -		
11:15		Practical Introduction to					CONFEDSS: Concolic	e of			how to minimize the impact of flaky tests		
igsquare		Safe Reinforcement				Linux Kernel TPM	execution and the puzzling practice of peripheral emulation						
ш		Learning				security and Trusted							
	SPINO - Versatile		Streaming live using	emand to		Key updates			Django migrations,				
	telecommunication	and Machine Learning	RIST On Demand to					friend or foe? Optimize					
	solution suitable for nanosatellites and		thousands, how you can have your cake and						them for testing		From "Free-Lunch" to Dog-Fooding: A Culinary Journey in Craft		
	Cubesats.		eat it too										
\Box	Cubesuts.												
\Box													
12.00	Maia SDR: an open-	Introducing 'Refiners' -	The state of video				Arm64EC: Microsoft's	Clustering in	Powerflexible		Crait		
	source FPGA-based	A Micro-Framework for Seamless Integration of	Micro-Framework for eamless Integration of	offloading on the Linux			Linux Matchmaking:	emulation Frankenstein		cryptography with		Practical CI/CD	
	project for			eamless Integration of		Desktop			Helping devices and		one database server is	Python and Flightbox!	
12:15	AD036v±7vng radios					drivers find each other		never enough (and neither is two)			OpenTelemetry		
12.13													
$\overline{}$						†							
12 - 30	guickstream: a new	Dynamic Explainability	ivepeer Catalyst and			1					7		
	SDR framework		The Conspiracy to Solve				1						
\Box	-	Causal Modeling	Video for Everybody			The case for a virtual	1				Chaos Engineering in		
12:45		Al for Developers:	Forever			Rust stateless codec		1			Action: Enhancing		
12.75	Ť	Treating Open Source Al	4 			driver			1		Resilience in Strimzi		
$\overline{}$		as a Function				1					7		
13:00	An open source digital		Multithreading and			1		For Your Eyes Only:	How can we trust 3rd		7		
	radio protocol for		other developments in			1		Roles, Privileges, and	party code? Using				
	amateur radio		the ffmpeg transcoder					Security in PostgreSQL	Python to understand				
13:15		Using Haystack to Build				From Kernel API to		1 1	the trust relationships		Progressive Delivery		
		Custom Functionality for LLM Applications	 			Desktop Integration,		1	within the python		Made Easy with Argo		
$\overline{}$				how do we into	how do we integrate					Rollouts			
t h					battery charge lim	hattery charge limiting		1	Making Python safer				
13:30	OpenRTX: an open		StreamCrafter - In					l	Making Python safer				
	OpenRTX: an open source firmware for		StreamCrafter - In browser broadcasting 1			in the desktop		-	Making Python safer than ever ↓		-		

FOSDEM 2024 - Sunday 2024-02-04 (4/6)

Fontaine Sequoia PGP: Rethin Sequoia PGP: Rethin Firefox power profil Sequoia PGP: Rethin Firefox power profil Sequoia PGP: Rethin Firefox power profil Firefox power profil Sequoia PGP: Rethin Firefox power profil Firefox power profil Sequoia PGP: Rethin Firefox power profil Firefox	Let's talk Matrix between Governments and Citizens Embracing Matrix for Enhanced
A satellite's final safehouse: The LLVM Security Group: History, progress, remaining on ChromeOS Platform open source ML models for private translation in Firefox	Let's talk Matrix between Governments and Citizens Embracing Matrix for Enhanced
A satellite's final safehouse: The LLVM Security Group: History, progress, remaining on ChromeOS Delegated compositing utilizing Wayland in protocols for Chromium on ChromeOS Delegated compositing utilizing Wayland in protocols for Chromium on ChromeOS Delegated compositing utilizing Wayland in protocols for Chromium on ChromeOS Delegated compositing utilizing Wayland in the browser, an update Delegated compositing utilizing Wayland in the browser, an update Delegated compositing utilizing Wayland in the browser, an update Delegated compositing utilizing Wayland in the browser, an update Delegated compositing utilizing Wayland in the browser, an update Delegated compositing utilizing Wayland in the browser, an update Delegated compositing utilizing Wayland in the browser, an update Delegated composition and consensus and the GovStack Global initiative Delegated composition and the GovStack Global initiative Debugging HTTP/3 upload speed in Firefox Deverybody Debugging HTTP/3 upload speed in Firefox Deverybody	between Governments and Citizens ion Embracing Matrix for Enhanced
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14:45 Analysis at scale With KiCAD scripts 14:45 Analysis at scale Analysis at scale Gotta Catch 'Em All! Raspberry Pi and Java Pokemon Training Pokemon Training Pokemon Training Pokemon Training Phones Build your first Clang compilation database plugin Getting lulled into a false sense of security by SBOM and VEX Analysis at scale Modern editing experiences you can build in your CMS Google Blockly Debugging HTTP/3 upload speed in Firefox for everybody Getting lulled into a false sense of security by SBOM and VEX	Embracing Matrix for Enhanced
14:45 Gotta Catch 'Em All! Raspberry Pi and Java Pokemon Training Open Source for Sustainable and Long lasting Phones Open	Enhanced
Gotta Catch 'Em All! Raspberry Pi and Java Pokemon Training Pokemon Training Pokemon Training Raspberry Pi and Long lasting Phones Surface Pokemon Training Pok	Enhanced
15:00 Open Source for Sustainable and Long lasting Phones Version control post-Git "Scratching an itch by patching kmscon" or "Scratching an itch by patc	
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of FreeIPA with AD and Challenges of Challenges of State and LAD Challenges of Challen	
15:30 External IdP supporting multiple versions of LLVM in Intel practices managing where Flutter in Embedded Flutter in Embed	
Graphics Compiler SBOMs in the supply Long-Term Open Source	
15:45 Connecting IBM AIX to Connecting IBM AIX to Development with "Five for the Future" Automated	MatrixRTC: The Future
Red Hat Identity Firefox: Good things Documentation for	of Matrix Calls are
16:00 Unveiling the Open Building a Community- elfconv: AOT compiler Sharing and reusing ZIMjs 2D PWA apps into	
Renewable Energy Systems (ORES) Owned Data Confidence Fabric With GUI apps with ease Figure Parametric Space Section Confidence Fabric With GUI apps with ease Figure Parametric Space Section Confidence Fabric With Figure Parametric Space Section Space	_
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Discussion Smart Contracts Smobile and beyond! WebUI Targeting WebAssembly WebUI Targeting WebAssembly WebUI Roundtable Round-Off on FOSS CMS Collaboration	
16:30 The Case For Testing in a Box:	The state of the Matrix
The FIM (Fbi IMproved) POSIX identities out of Map LLVM values to Inventoring Integrating LLMs: Streamlining Embe	ded Rust SDK in 2023
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16:45 Viewer, in a Nutshell providers: now to redesign SSSD and Samba?	
17:00 FOSDEM 2024 Highlights	
17:15	
17:30	
17:45	
Closing FOSDEM 2024	
18:00	
18:15	

FOSDEM 2024 - Sunday 2024-02-04 (5/6)

Security Modernizing Mod	Desktop Linux, as easy as a smartphone! Upstream and downstream, best friends forever?	What's possible in observability when we have frame pointers
Clients Taking care of Roundcube Webmai Podcast API	Jpstream and downstream, best friends forever?	observability when we
Clients aking care of Roundcube Webmai	Jpstream and downstream, best friends forever?	observability when we
Roundcube Webmai Roundcube Webmai Roundcube Webmai Survey Act Streamlining Boot and Kernel Security in the Cloud Streamlining Streamli	Upstream and downstream, best friends forever?	observability when we
14:00 [Clients] aerc, an email client for the d SEV-Step: A Single-stepping framework for client for the d AMD-SEV Stepping framework for client for the d AMD-SEV	Upstream and downstream, best friends forever?	
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AMD-SEV don't suck Public services interoperability: Open So 14:15 [Security] Modern chatmail for security-sensitive helplines Shielding Data, Embracing Openness, Optimizing Performance: A Journey Through Tru [Security] Modernizing email encryption: the crypto refresh of OpenPGP OpenPGP AMD-SEV don't suck Public services interoperability: Open So Standardizing the generation and signing of boot images of boot	Supporting architecture	
14:15 [Security] Modem chat-mail for security-sensitive helplines Shielding Data, Embracing Openness, Optimizing email encryption: the crypto refresh of OpenPGP Source contribution Source	supporting architecture	
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14:30 Embracing Openness, Optimizing Openness, Optimizing Performance: A Journey Through Tru Support Commission Public services interoperability: rapport Systemd-boot, systemd-stub, LIKIs Support Commission Support Commi	Supporting architecture	
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the S/MME econyct Models: Flying Fact at U Next Step in OS	of Flatcar release cycle	
Scale with DuckDB Digital Services Digital Services Decision of One-Inck		What is CI/CD
15:15 Security] Thunderbird Interoperability: Intert Follies:		observability, and how
Email Security, plans Securing Embedded Digital Services GRUB - Project Status		to bring observability to
and challenges. Systems with fTPM Trusted Postgres Interoperability: Panel Update Strategies for Building		CI/CD pipelines?
implemented as Trusted Architect - Deploying Discussion - The	An introduction to	1
Application in TEE Postgres with Infrastr technical challenges of Communities Line	mage Builder: building	
[Security] Email interoperability	up-to-date, customised	
requirements in EU law	operating system	
15:45 Ine wonderful life of a lima	mages the easy way	
Integrity Protect SQL query in a Kernel command line to	hages the easy way	Introducing
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16:15 Structured vacation Reproducible builds for least by	1	
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16:30 is my flight? - Semantic review	Homebrew's Evolution	Netdata: Open Source,
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FOSDEM 2024 - Sunday 2024-02-04 (6/6)

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	:45		4 StreamCrafter - In browser broadcasting				Welcome to Retrocompu	↳ For Your Eyes Only:	ե Making Python safer than ever		
		misconceptions and	aronoe. aroundasing			Converting filesystems	The big adventure of				Own your CI with Nix
		solutions				to support idmapped	little professor and its				Η ΄
4:00	Expanding IOEngine	reviewing RF Signal	PipeWire State of the			mounts	4-bits handheld friends running TMS 1000	(PostgreSQL on Kubernetes using an	Match all things Python: Parsing structured content with Python's		Testing Go command
	into a Hub for		Union								
	Previewing RF Signal										
4:15	Processing Software	Reducing the risks of					Gameboy Advance hacking for retrogamers	Operator)	new match statement		line programs with `go
		open source AI models and optimizing upsides							Annotated, a type hint you can use at runtime		internal/testscript`
	DAPNET: Bringing pagers back to the 21st		Generating music with Open tools, APIs, and			li.	-				
	Century		NO Al!			Linux' receive_fd_replace()	Running DOS & Unix on		you can use at runtime		
4:45						semantics confusing	an 8-bit Commodore		l		How mutation testing
+.43		-				1	}		1 1		got practical
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5:00		Fortify Al against	Open Source			What is Linux kernel		Postgres vs. Linux	Profiling Python with		
			Community Updates			keystore and why you	A Game Boy and his cellphone	filesystems	eBPF: A New Frontier in Performance Analysis		Running systemd integration tests with mkosi Making it easy to get to
		and lobotomies				should use it in your next application					
5:15						Tiext application					
						4	Neo6502 in the Matrix - open source hardware and software modern retro computer w PiStorm - The evolution of an open source				
	G . D					-			D. I. D. 101		
5:30	SatDump, A generic satellite data	A Principled Component Analysis of Open	H.264/AVC software decoding (Architecture and optimization of a block-based video deco			-			Python 3.12's new monitoring and debugging API		
	processing software	Source Artificial Intelligence									
5:45						A few limitations in the available fs-related system calls					
J.4J											
							Amiga accelerator				
6:00	Searching the cosmic	Codes Bound by Ethics:	FFmpeg VVC Decoder			1	A journey documenting the Sanco 8003	Build Your Own	Deploy Your Next Python App with WebAssembly (Wasm): Smaller, Safer, Faster		SLSA level 2
	haystack with software	The Rising Tide of Non-						PostgreSQL DBA Out Of			
	radio: the breakthrough listen search for	Free Software L									
	narrowhand donn	Moving a step closer to									
	30 SIDLOC: Spacecraft Identification and Localization system Open So TechWo trade bo	defining Open Source Al				Packet, where are you?:	computer				
			5 Pr. 11 (P. 11			Track in the stack with pwru	Controlling a 6 degree Robot Arm using a 48K ZX Spectrum		How I've Built a Web Frontend for a Federated Communication Tool with Brython		Are Project Tests Enough for Automated Dependency Updates? A Case Study of 262 Java Projects on Github
6:30			Edit video/audio with S2S: PeerTube instanc								
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