FOSDE<u>M 2023 - Saturday 2023-02-04 (1/15)</u>

	Janson	K.1.105 (La Fontaine)	H.2215 (Ferrer)	H.1301 (Cornil)	H.1302 (Depage)	H.1308 (Rolin)	H.1309 (Van Rijn)	H.2214
09:30	Welcome to FOSDEM	T ontaine /in						
	2023							
09:45								
10:00		Graphics: A Frame's						
	Open Source	Journey						
10:15								
10:30				A Sovereign Cloud -	Building an actor library	Devroom kick-off talk:		Lessons learnt
10.50				Opening Remarks	for Quickwit's indexing	UKI? DDI?? Oh my!!!		managing and scaling
					pipeline.	-		200TB glusterfs cluster
10:45				How we created a	1			@PhonePe
				Documentation				
				Framework that works across a group of				
11:00	How regulating software	Can we do an open		vendors in		DM-Verity Rootfs		
	for the European market	source chip design in 45				Protection		
	could impact FOSS	minutes?		Is Open Source Coming				
11:15				back to your Cloud?	Building a distributed			Present and future of
					search engine with tantivy			Ceph integration with OpenStack and k8s
					Lancivy	Image-Based Linux and		
11:30						TPMs		
				-				
11:45								SQL on Ceph
11:45						Building initrds in a new		SQL on Ceph
				On-premise data		way		
12:00		Fedora Asahi	Introducing Helios	centers do not need to	Aurae: Distributed			
			, , , , , , , , , , , , , , , , , , ,	be legacy	Runtime			
12:15					1			Dynamic load change in
			Creating Pathways That			Ultrablue		SDS systems 🤉
			Invest in New Maintainers	the Cloud 🤉				
12:30				4				4
			Chauld there has a	4				4
12:45			Should there be a standard in libre local		Presentation of Basti	Converging image and		
12:43								

FOSDE<u>M 2023 - Saturday 2023-02-04 (2/15)</u>

	AW1.120	AW1.126	K.3.201	K.3.401	K.4.201	K.4.601	UA2.114 (Baudoux)	UA2.118 (Henriot)
09:30	AN1:120	AW1:120	K.5.201	R.J.401	R:4:201	K 141001		URLIII (HEIHOL)
09.50								
09:45								
09:45								
10:00								
10:00								
10.15								
10:15								
10.20			5 · 5 · M					F 11
10:30	Welcome to the BSD de	Opening Railways and Open Transport devro	Fuzzing Device Models in Rust: Common Pitfalls	GStreamer: State of the	Stream Processing	TEDective		Enabling FIDO2/WebAuthn
	ue			011011 2025	Analytics On Traces			support for remotely
	BSD Driver Harmony	Automated short-term						managed users
10:45		train planning in OSRD						
10.45								1
11.00	Game of Trees Daemon		ls OpenStack still	PipeWire state of the		On the HashGNN node		FIDO beyond the
11.00	Game of frees Daemon		needed in 2023?	union		embedding algorithm		browser
		Using open source		union	CDC Stream Processing	entrocading algorithm		
11:15		software to boost			with Apache Flink			
11:15		measurement data in			men / puene / mix			{
		railways			1			
11:30			Using SPDK with the	Modern Camera	-	ipysigma: a Jupyter		AMENDMENT Hardening
11:30			Xen hypervisor	Handling in Chromium		widget for interactive		Linux System with File
	Reggae: cool way of	Introducing MOTIS				visual network analysis		Access Policy Daemon
11.45	managing jails/VMs on	Project						
11.45	FreeBSD				An introduction to			
					Apache Beam for			
12:00		Transit network planning	OKD Virtualization	Advanced	streaming analytics	A case for DAG		Elliptic curves in FOSS
12.00		for everyone	what's new, what's next			databases		Linpuc curves in 1055
				Liquidsoap with FFmpeg				1
12:15								
12.15								
12:30		Digitransit	Stateless decoder	Dual presentation:	Ingesting over a million	Visualization paradigm		OpenSSL in RHEL: FIPS-
12:20		Digitialisit	virtualization using	FFmpeg 6 and VLC.js I	rows per second on a	that will (potentially)		140-3 certification 1
			VirtIO Video and Rust 1		single instance. 7	replace force layouts 1		
12.45	Happy 5th							1
12:43	anniversary							
	anniversaryni		I		ļ			

10002	ivi 2023 - Saturuay 2			1104 100				
	UA2.220 (Guillissen)	UB2.147	UB2.252A (Lameere)	UB4.132	UB4.136	UB5.132	UB5.230	UD2.120 (Chavanne)
09:30					-			
09:45								
10:00								
10.00								
			-		-			
10:15								
10:30			Drawing your	Relativitization: an	Lomiri Mobile Linux in	Welcome to the Legal	Kotlin DevRoom	Delta-like Streaming of
			Kubernetes cluster the	interstellar social	Desktop mode	A Service as a Software	Welcoming Remarks	(encrypted) OTA
			right way	simulation framework		Substitute (SaaSS) is		Updates for RAUC
10:45			1	and a turn-based		unjust like proprietary		- 1
10.45				strategy game		software	The State of Ketlin	-
							The State of Kotlin	
			Send in the chown()s					
11:00			-	MuPhyN - MultiPhysical	AMENDMENT Sharp	Windows and Office		Matter and Thread as
				Nexus	photos and short	"tax" refund		Connectivity Solution for
					movies on a mobile phone			Embedded
11:15					phone			
			1					
11:30			Fedora CoreOS - Your	Guix, toward practical	Mainline Linux on recent	Fuzzy Law-gic: FOSS &	Kotlin Multiplatform:	Developing Bluetooth
11.50			Next Multiplayer	transparent, verifiable	Qualcomm SoCs:	the Unauthorized	From "Hello World" to	Mesh networks with
<u> </u>			Homelab Distro	and long-term	Fairphone 4	Practice of Law	the Real World	Rust
			-	reproducible research				
11:45			4					
			-		Mobian: to stable and			
					beyond!			
12:00				The under-equipped		Is "European open	A mirror without	5 errors when building
			Deploying Kubernetes	social scientist ?		source" a thing?	reflection for	embedded systems
			across Hybrid and Multi-		What's new in the world		Kotlin/Multiplatform	
12:15			Cloud Environments		of phosh?			
			Using OpenNebula					
10.00						•	T 11 11 14 11	
12:30			Touring the container	Preliminary analysis of	Ondev2: Distro-		Toward better Kotlin	WAM: an embedded
			developer tooling crow	crowdsourced sound data with FOSS I	Independent Installer For Linux Mobile	ler	architecture with LG we	web runtime history for LG webOS and ion Automotive Grade Linux
			landscape					
12:45			1					
								•

FOSDEM 2023 - Saturday 2023-02-04 (3/15)

FOSDE<u>M 2023 - Saturday 2023-02-04 (4/15)</u>

	UD2.218A	D.test (online)	D.collab (online)	D.confidential (onlin	D.emulator (online)	D.energy (online)	D.matrix (online)	D.minimalistic (onlin
09:30								
09:45								
10:00								
10:15								
10:30	The State of Go					Welcome to the online		Inside the FIM (Fbi
						Energy policy by the		IMproved) Scriptable
						What the energy		Image Viewer
10:45						industry can learn from		1
101.10						how open source		
						technology has		
11.00	Recipes for reducing					transformed other traditional industries		LIPS Scheme
11.00	cognitive load							
								1
11:15						Challenges in Home		1
11.15						Energy Management		1
								1
11.30	Building a CI pipeline	Test talk number 1				Obstacles to open		Introduction to Pre-
11:20	with Dagger in Go					source in building		Scheme
						energy technology		
11:45								1
11:45		Test talk number 2						-
								-
12.00	Debugging concurrency	Test talk number 3				EVerest: AC and DC		Bringing RISC-V to
12:00	programs in Go	lest taik number 5				electric vehicle charging		Guix's bootstrap
						with open source		
12.15		Test talk number 4				software and hardware		1
12:15		Test talk number 4				{ }		1
		Test talk number 5				{ }		1
12:30	What's new in Delve /	Test talk number 6				European Eichrecht 🤉		Using GNU Guix
12150	Tracing Go programs	Test talk number 7						Containers with FHS
	with eBPF 🤉	Test talk number 8					(Filesystem Hierarchy	
12:45	les	Test talk number 9 1				1 1		Standard) Support 🤉

FOSDE<u>M 2023 - Saturday 2023-02-04 (5/15)</u>

	D.research (online)	D.sds (online)	I.Infodesk (online)
09:30			
09:45			
10:00			The Virtual FOSDEM
			Infodesk (Saturday) 1
<u> </u>			
10:15			
10:12			
<u> </u>			
10:30			
L			
10:45			
11:00			
			1
11:15		vhost-user-blk: a fast	
11.13		userspace block I/O	
<u> </u>		interface	
11 20			
11:30			
11:45			
12:00			
12:15			
			1
12:30			
12.50			
<u> </u>			
10 45			
12:45			I

FOSDE<u>M 2023 - Saturday 2023-02-04 (6/15)</u>

	Janson	K.1.105 (La Fontaine)	H.2215 (Ferrer)	H.1301 (Cornil)	H.1302 (Depage)	H.1308 (Rolin)	H.1309 (Van Rijn)	H.2214
			Should there be a s	Distributed Storage in the Cloud	₽ Presentation of Bas	4 Converging image and package based OS		
					Neovim and rust-	updates		
13:00	The ELISA Project - Enabling Linux in Safety	DNF5: the new era in BPM software	Do more awkward user interviews		analyzer are best friends			s3gw: easy to use S3- compatible gateway for
	Applications	management		From Zero to Hero with Solid	A Rusty CHERI - The path to hardware capa	Ubuntu Core: a		small and edge deployments
13:15					Slint: Are we GUI yet?	technical overview		
			Beyond Wikipedia: Discovering Wikimedia's					+
13:30			Open-Source Ecosyst		Rust API Design			
			data mountains - turn		Learnings	openSUSE MicroOS design		
13:45			your data into mountains!					Ceph RGW and Zipper
				Operate First community cloud				-
14:00	Linux Inlaws	Maker Tools in the Browser	CoffeOSM: improve OpenStreetMap a			MachineOS: a Trusted, SecureBoot Image-		
14 15			receipt at a time			based Container OS		
14:15			Announcing pg_statviz	Responsible Clouds and the Green Web Triangle	A deep dive inside the Rust frontend for GCC			
14:30								
14:50								
14:45			Breaking the Code of Inclusion: Designing	The Co-operative Cloud				
14.45			Micro Materials Bas					
	Similarity Detection in Online Integrity	Passwordless Linux where are we?	Open Source Good Governance – GGI		Merging process of the rust compiler	Migrating to LibreOffice Technology - old	Making Continuous Delivery Accessible to	
15:15			Framework presentation & de			Fun project by design – How LibreOffice d	All	
12:12			FPGA-based music			SmartArt Support for	How To Automate	
15:30			synthesis with open- source tools		Let's write Snake game!	LibreOffice Putting the R in	Documentation Workflow For	
15.50						LibreOffice: a Shiny das	Developers	
l			J					

	Janson	K.1.105 (La Fontaine)	H.2215 (Ferrer)	H.1301 (Cornil)	H.1302 (Depage)	H.1308 (Rolin)	H.1309 (Van Rijn)	H.2214
			FabAccess			Cleaning up the unittest	3 1	
15:45				The Importance of		code mess		Intro to Ceph on
				Collaborative		Crashtesting LibreOffice		Kubernetes using Rook
				Applications for		in the backyard		\downarrow
	J	Winners and Losers in	OpenStreetMap:	European Digital Sovereignty フ		LibreOffice Dark Modes		
	handle bugs and test	FOSS ↓	Sharpen your "Emergency Ey			1		

FOSDE<u>M 2023 - Saturday 2023-02-04 (7/15)</u>

	AW1.120	AW1.126	K.3.201	K.3.401	K.4.201	K.4.601	UA2.114 (Baudoux)	UA2.118 (Henriot)
	ե Happy 5th	OpenTripPlanner		Dual presentation:	Ingesting over a	➡ Visualization parad		↓ OpenSSL in RHEL: FI
	anniversary pkg-		virtualization using		million rows per secon			
13:00	provides		blkhash - fast disk	4K HDR video with AV1 :		Graph Stream Zoomer		Kerberos PKINIT: what,
			image checksums	A Reality Check				why, and how (to break
					Building A Real-Time			it)
13:15	Chimera Linux				Analytics Dashboard			
		Developing open			with Streamlit, Apache			
		transport toolbox and			Pinot, and Apache Pulsar			
13:30		community for ten years	Dear admin, where's my	VVenC & VVdeC: Open	Fuisai	The LDBC Social		Remote Attestation with
	1	Public Transport Data in	network?	source video encoding		Network Benchmark		Keylime
	1	KDE Itinerary		and playback for VVC				
13:45	1							1
					Building Analytical Apps			1
					With ClickHouse			
14:00			A journey through	The FFV1 ecosystem		Gephi towards v1.0: the		AMENDMENT Hybrid
		OpenStreetMap, one	supporting VMs with	,		codebase, and the rest		Public Key Encryption in
		geographic database to	dedicated CPUs on					PQ world?
14:15		rule them all?	Kubernetes					1
								1
		Closing Railways and						
14:30				AVX512 in FFmpeg				Where does that code
								come from?
								1
14:45								1
								1
15:00	Demystifying compiler-	Welcome to the on-	GNU Guix and Open	Scalable vector		Collaborating with		Whom Do You Trust?
	rt-sanitizers for multiple	campus Energy	science, a crush?	multimedia		Collabora Online		
	architectures	Devroom		optimisations				4
		V2GLiberty: The open						4
15:15		stack that could						4
		4	How Replicant, a 100%					
15:30		4	free software Android distribution, uses (or	Using the FIM (Fbi		Migrating from		IntelOwl Project
	Defining a multi-		doesn't use) Guix	IMproved) Universal Image Viewer		proprietary to Open- Source knowledge		
	architecture interface	OpenSTEF: Open Source		inage viewei		management tools]
15:45	1	energy predictions						1
13:43	CANCELLED Eliminating	1				1		1
	ManagedStatic and I		Exploring WebAssembly					
16:00		1	with Forth (and vice	Merging Two Worlds -		Deploy an enterprise		What Does Rugby Have
			versa) 1	Broadcast and		search server with F		To Do With Sigstore?
	How to Build your own	4 Years of Energy Man		WebRTC				

FOSDEM 2023 - Saturday 2023-02-04 (8/15)

	UA2.220 (Guillissen)	UB2.147	UB2.252A (Lameere)	UB4.132	UB4.136	UB5.132	UB5.230	UD2.120 (Chavanne)
			Bit-for-bit reproducible	Preliminary analysis of crowdsourced so	Sailing into the Linux port with Sony Open Devices		↓ Toward better Kotli	나 WAM: an embedded we
13:00 13:15			builds with Dockerfile	Tackling disinformation using opensource software	AMENDMENT Writing a convergent application in 2023 with Kirigami	Financing Open Source by small companies	KRuMP - Kotlin-Rust- Multiplatform?!	KUKSA.val Vehicle Abstraction
13:30		vis users meeting	Kubernetes and Checkpoint/Restore	РІММІ		Open Source Initiative - Changes to License	Kotlin Multiplatform for Android & iOS library	Convergent camera applications for mobile
13:45					Can Genode on the PinePhone question the notion of a smartphone?	Review Process	developers	Linux devices
14:00		NGI Zero network meetup	Exploring Database Containers	AMENDMENT Better engineer-researcher collaborations though data control	Where do we go from	Learning From the Big Failures To Improve FOSS Advocacy and Adoption	Functional fun in Kotlin	Advanced Camera Support on Allwinner SoCs with Mainline Linux
14:15			Safer containers	CorTexT Manager, a	here?		Be pushy! Let's join for	
14:45			through system call interception	growing online platform in open research for social sciences			wider and better Kotlin support worldwide	
15:00 15:15	Understanding the energy use of Firefox	The Hare programming language	Bottlerocket OS - a container-optimized Linux	Interactive network visualizations as "guided close reading" devices for the social sciences	AMENDMENT Parsing zone files really fast	Reckoning with new app store changes: Is now our chance?	How we moved SDKs to Kotlin Multiplatform	U-Boot as PSCI provider on ARM64
	What's new with the Firefox Profiler		Automating secret	a democratization st	DNS for I2P: a Distributed Network without Central Authority	How to get public administrations to use more FOSS	Improving the Kotlin Developer Experience in Koin 3.2	barebox, the bootloader for Linux kernel developers
15:45			rotation in Kubernetes	Executable papers in the Humanities, or how did we land to th				
16:00	Over a decade of anti- tracking work at Mo	SourceHut meetup 🤉	Quick starting secure	The Turing Way: Changing research culture	Why resolving two names in a GUI program 	EU alternative to app stores ぇ	Shrinking in the Age of Kotlin ว	Building FPGA Bitstreams with Open- Source

FOSDE<u>M 2023 - Saturday 2023-02-04 (9/15)</u>

	UD2.218A	D.test (online)	D.collab (online)	D.confidential (onlin	D.emulator (online)	D.energy (online)	D.matrix (online)	D.minimalistic (onlin
	ዓ What's new in Delve / Tracing Go progra	ե Test talk number 9				나 European Eichrecht		나 Using GNU Guix Containers with FHS (Fil
13:00	Go Even Further Without Wires			Rust based Shim- Firmware for confidential container		Presentation of the SEAPATH project		Creating minimal Guix System images
13:15								
13:30	Optimizing string usage in Go programs			Project Veraison (VERificAtlon of atteStatiON)		Green software engineering		Self-conscious Reflexive Interpreters
13:45								
	Squeezing a go function					Carbon Intensity Aware Scheduling in Kubernetes		-
14:15								-
	Reconciliation Pattern, Control Theory and Cluster API: The Holy Trinity			Nydus Image Service for Confidential Containers				
14:45	innity			-				
	Five Steps to Make Your Go Code Faster & More Efficient			THE BASE - FOSS Confidential Container SDK to ease the				
15:15				development				
15:30	Headscale: How we are using integration testing to reimplement Tailscale			A Study of Fine-Grain Compartment Interface Vulnerabilities: What,				
15:45				Why, and What We Should Do About Them				
16:00	Our Mad Journey of Building a Vector Data			Building a secure network of trusted appl				

FOSDE<u>M 2023 - Saturday 2023-02-04 (10/15)</u>

	D.research (online)	D.sds (online)	I.Infodesk (online)
			I→ The Virtual FOSDEM
			Infodesk (Saturday) 🤉
13:00			1
10100			1
			-
13:15			1
13:30			
10100			
			1
			4
13:45			
14:00			
			1
14.15			
14:15			-
14:30			
			1
14.45			4
14:45			
15:00		Operating Ceph from Ceph Dashboard	
		Ceph Dashboard	
15:15			
12:12			
15:30			
			1
15:45			1
13.43			1
L			4
			1
16:00			l
			-

FOSDE<u>M 2023 - Saturday 2023-02-04 (11/15)</u>

	Janson	K.1.105 (La Fontaine)	H.2215 (Ferrer)	H.1301 (Cornil)	H.1302 (Depage)	H.1308 (Rolin)	H.1309 (Van Rijn)	H.2214
16:15	✤ Teaching machines to handle bugs and test Firefox more efficiently.	Winners and Losers in FOSS	OpenStreetMap։ Shar	 The Importance of Collaborative Applications for European Digital 	Glidesort	Turbocharging an elephant. Making Libreof	Continuously Update	Intro to Ceph on Kubernetes using Rook
			Bare-metal servers as a container runtime	Sovereignty		Feature Locking and Feature Restriction	Everything	
16:30						An Interoperability Improvement in LibreO	Continuous Delivery to	AMENDMENT Autoscaling with KEDA - Object Store Case Study
16:45			Passbolt		How Pydantic V2	Writer Content Controls what happened	many Kubernetes Clusters	Object Store Case Study
10145				The role of Open Infrastructure in digital	leverages Rust's Superpowers	Footnotes in multi- column sections	Cl/CD The gitops way	
	Sustaining Free and Open Source Software	Fair threaded task scheduler verified in	Is YAML the Answer?	sovereignty		News from the ODF Toolkit		
17:15		TLA+		The Role of Open Source		LibreOffice graphics subsystems - SystemS		
			CNI 2.0: Vive la révolution	Cloud	Scalable graph	Improvements to LibreOffice PDF accessibi		
17:30					algorithms in Rust (and Python)	Supporting old proprietary graphic format	CI/CD for Machine learning models	
17:45			Staging of Artifacts in a Build System	ifacts in a What is Digital Sovereignty and how		LibreOfficeKit – bridge between your appl		CANCELLED First class
				can OSS help to achieve it?	network management	Collabora Online over lock-down		support in OSS
	Perspectives from the Open Source Developer	Tools for linking Wikidata and			tools!	A Rocket Engine for LibreOffice Templates	Build CI/CD pipelines as code, run them	
18:15		OpenStreetMap			Backward and forward	Make Collabora Online yours	anywhere	
				Effective management	compatibility for security features	Marrying Collabora Online and LibreOffice	How We Gained Observability Into Our CI/CD Pipeline	
18:30			of Kubernetes resources for cluster admins		Collabora Online and WASM			
18:45			Z Sovereign Cloud - Closing Remarks	atuin: magical shell history with Rust	State of the Toolchain			
19:00								

FOSDE<u>M 2023 - Saturday 2023-02-04 (12/15)</u>

	AW1.120	AW1.126	K.3.201	K.3.401	K.4.201	K.4.601	UA2.114 (Baudoux)	UA2.118 (Henriot)
16:15	ኑ How to Build your own MLIR Dialect	↓ 4 Years of Energy Management with openHAB	 Exploring WebAssembly with Forth (and v Whippet: A new production embeddable 	↓ Merging Two Worlds - Broadcast and WebRTC				⊌ What Does Rugby Have To Do With Sigstore?
	Case study of creating and maintaining an analysis and instrumentation tool	Combatting Software- Driven Environmental Harm With Free Software	garbage collector	The open source stack for animation movie pipelines		Optimizing your core application for integration		How to protect your Kubernetes cluster using Crowdsec
	The C2 compiler	Getting to a fossil free internet by 2030	Zig and Guile for fast code and a REPL Algebraic Effects and	Melrōse, a music programming environment		Nextcloud Numbers and Hubs		Secure voice/video over IP communications today and tomorrow thanks to post-quantum encryption !
17:30		Power profiling with the Firefox Profiler	Language	Become a rockstar using FOSS!		The Relentless March of Markdown		Mercator
17:45 18:00	Flang progress update	Update on open-source	IDP-Z3, a reasoning engine for FO(.)	Distributing multicast		Privacy and		Hardware-backed
18:15		energy system modeling in the global south and including Africa	l have an idea: build a language that can run backwards	channels to 3rd parties: a case study with OSS and virtualization/SR- IOV		Collaboration		attestation in TLS
18:30	Open source C/C++ embedded toolchains using LLVM	Open data and open- source adoption in the energy sector	LuaRocks and the challenges of minimalism			Transparent, asynchronous, efficient communication		Demystifying StackRox
19:00								

FOSDEM 2023 - Saturday 2023-02-04 (13/15)

	UA2.220 (Guillissen)	UB2.147	UB2.252A (Lameere)	UB4.132	UB4.136	UB5.132	UB5.230	UD2.120 (Chavanne)
	Gover a decade of anti-			5 The Turing Way: Cha	↓ Why resolving two n	Let EU alternative to app	↓ Shrinking in the Age	↓ Building FPGA
16:15	tracking work at Mozilla	, bouleenae meetap		Open Research Open		stores	of Kotlin	Bitstreams with Open-
10.110	-			Panel	Connectbyname and the			Source Tools
					Proxy Control option			
16:30	The Digital Services Act		Cluster API: Operating			AI Discussion	20 minutes from zero to	Open Source Switching:
	101		Kubernetes with				a live chatbot with Tock	Upstreaming ONIE N
			Kubernetes					A journey to the
16:45								hardware world
					iothnamed			Ups and Downs with
			7 years of cgroup v2:					Remote Desktop Protoco
17.00	Cache The World	Weblate community BoF	the future of Linux			The coming EU	Data oriented	P10L0C0
17:00			resource control				programming in Kotlin	Bluetooth state in
						Patents regulation		PipeWire and
								WirePlumb
17:15								Exploring a swedish
					Implementation of the			smarthome hub
					Drink server: programming details			
	Firefox Profiler beyond		From a database in			The Professional's Guide		The PolyVent FLOSS
	the web		container to DBaaS on Kubernetes			To Haphazardly Picking Licenses For Standards	Vitamin!	Ventilator
			Rubernetes			& Specifications		
17:45						4		
					Hosting your own DNS for 'fun' and zero profit			
10.00	I I'	Daalamaadinan Ada C				Daniel, Hab Tanian		
		Book reading: Ada & Zangemann - A Tale of	Linhtusinht Kuhamataa			Panel: Hot Topics	How to Test Your Compose UI	VoLTE for FOSS
	Pontoon	Software, Skateboards,	Lightweight Kubernetes Operators with					
18:15		and Raspberry Ice	WebAssembly					
10.15		Cream	-		Moving from home			
					grown to open source			
18:30	The Road to						Kotlin DevRoom Closing	Reverse engineering a
	Intl.MessageFormat						Remarks	solar roof datalogger
	5				1			
18:45						1		
					Bizarre and Unusual			
					Uses of DNS			
19:00								

FOSDE<u>M 2023 - Saturday 2023-02-04 (14/15)</u>

	UD2.218A	D.test (online)	D.collab (online)	D.confidential (onlin	D.emulator (online)	D.energy (online)	D.matrix (online)	D.minimalistic (onlin
16:15	나 Our Mad Journey of Building a Vector			Building a secure network of trusted				
10110	Database in Go			applications on untrus				
16:30	Building a basic event- driven application in Go			Scalable Confidential				
	in 20 minutes			Computing on Kubernetes with Marblerun				
16:45								
17:00	Is Go Object-Oriented? A			Gramine Library OS				
17.00	Case of Public Opinion							
17:15								
17:30	Visually programming Go			and the Pitfalls of	Learn 8-bit machine language with the Toy			
17:45				Runtime Attestation	CPU emulator			
18:00	vfkit - a native macOS hypervisor written in go							
	nypervisor written in go							
18:15								
18:30	Go Lightning talks							
18:45								
19:00								

FOSDE<u>M 2023 - Saturday 2023-02-04 (15/15)</u>

	D.research (online)	D.sds (online)	I.Infodesk (online)
			Is The Virtual FOSDEM
16:15			Infodesk (Saturday)
16:30		CANCELLED Container	
		Storage Interface	
		Addons	
16:45	The Software		
	Sustainability Institute		
	Community and Events		
17:00	Establishing the	•	
17.00	Research Software		
	Engineering (RSE) Asia	CANCELLED Monitoring and Centralized Logging	
	Ass	in Ceph	
17:15	FAIRPoints	in cepit	
	1		
17:30	Frictionless Application		
	(IDE for CSV)		
17:45			
27110			
18:00	Papis: a simple,		
10.00	powerful and		
<u> </u>	extendable command-		
10.15	line bibliography		
18:15	manager		
—			
10.20			
18:30	Research at the service of free knowledge:		
	Building open tools to		
	support research on		
18:45	Wikimedia projects		
L			
19:00			

FOSDE<u>M 2023 - Sunday 2023-02-05 (1/15)</u>

	Janson	K.1.105 (La Fontaine)	H.2215 (Ferrer)	H.1301 (Cornil)	H.1302 (Depage)	H.1308 (Rolin)	H.1309 (Van Rijn)	H.2214
09:00	Open Source in Environmental	Reimplementing the Coreutils in a modern		Welcome to the Networ	Welcome to the Friend	The Microkernel Landscape in 2023	Elixir - Old wine in new casks	Zimjs.com/kids/slate makes kids happy
	Sustainability	language (Rust)		Peer-to-peer Browser Connectivity	After Nearly 30 Years, How Is Java So Popular?			magic .js coders
09:15								
09:30				Snabbflow: a scalable IPFIX exporter	Why And How To Upgrade To Java 17 (And Prepare For 21)	Device driver gardening	Introduction to Gleam	
09:45				What is an IDS and Network Security				Building Personalized Al Apps with MIT App Inventor
				Monitoring in 2023?	Best Practices For Real-			
10:00	Making the world a better place through Open Source	Zero Knowledge Cryptography and Anonymous Engineering	Combining EASY!Appointments with Jitsi for online appointment		Time Stream Processing (With Hazelcast Open Source Platfo	Using Genode as an enabler for research on modern operating systems	Speak binary to me	
10:15				DDoS attack detection		Systems		
			Breaking away from Big Tech	with open source FastNetMon Community	Keep Your Dependencies In Check			Hedy: A gradual and multi-lingual programming language
10:30							LiveView keeps you warm!	for education
10:45			Grottocenter	ntopng: an actionable event-driven network	Major Migrations Made Easy With OpenRewrite			
11 00	Duilding Change	Duilding og Diget	Consulting for divital	traffic analysis application			Distribute durantis	Misse Dissission and the st
11:00	Building Strong Foundations for a More Secure Future	Building an Plant Monitoring App with InfluxDB, Python, and	Consulting for digital humanists		Dethicling Freedom	NOVA Microhypervisor Feature Update	Distributed music programming with Gleam, BEAM, and the	MicroBlocks: small, fast, human friendly
11:15		Flask with Edge to cloud replication		So you want to build a	Rethinking Ecosystem Security After Log4Shell		Web Audio API	
			A GitLab forge for all teachers and students in France?	deterministic networking system				
11:30					Elasticsearch Internals		The Actor Model as a Load Testing Framework	
11:45			FOSSbot: An open source and open design					Snap! - Build Your Own Blocks
			educational robot	wild				
12:00	Rosegarden: A Slumbering Giant ٦	Practical Computerized Home Automation 7	Tableaunoir: an online blackboard for teaching		Securing Your Software Supply Chain One Open Source Project at a Time		Shorter feedback loops	
12:15				"CNI Unleashed" ว		Composability 1	with Livebook ٦	

FOSDE<u>M 2023 - Sunday 2023-02-05 (2/15)</u>

	Vi 2023 Sunday 20							
	AW1.120	AW1.126	K.3.201	K.3.401	K.4.201	K.4.601	UA2.114 (Baudoux)	UA2.118 (Henriot)
09:00	AMENDMENT Intro to	fq - jq for binary formats	New Year -> New major-	AMENDMENT Welcome		Self-Hosting (Almost) All	(Keynote) What could go	Tour de Data Types:
	public code and Digital		major version of	to the Matrix Devroom		The Way Down	wrong? Me, I was	VARCHAR2 or
	Public Goods		MariaDB	AMENDMENT matrixRTC	CANCELLED GRUB -			CHAR(255)?
09:15					Project Status Update			
				Messaging	roject status opulie			
	AMENDMENT Covid			liessaging				
	Exposure Notification							
09:30	Out in the Open	Parsing binary formats	An introduction to					
		with Kaitai Struct	MariaDB contributions					
						QtRVSim—Education		
09:45					Open Source Firmware	from Assembly to		
09:45					status on AMD platforms	Pipeline, Cache		
	AMENDMENT Global				2023 - 4th edition	Performance, and C		
	Open Source Quality			AMENDMENT Clients as		Level Programming		
10:00	Assurance of Emergency Supplies		Deploying Galera	good as you'd expect		5 5	Automating a rolling	How to Give Your
	Emergency Supplies		Cluster in the real world				binary release for Spack	Postgres Blog Posts an
		GNU poke						Outsize Impact
10.15	AMENDMENT Public							
	Money? Public Code! in					Porting RISC-V to GNU		
	Europe				llas de la tetra un detel	Guix		
					Heads - status update!	Guix		
10:30			What is new in analytics				Automation for Debian	
			for MariaDB				Packaging	
		Stack						
10:45		walking/unwinding						
	The "Full-Stack DPGs"	without frame pointers		1				
11.00			Data-in-use Encryption		Overview of Secure Boot		Upstream Collaboration	When it all COas right
11:00			with MariaDB		state in the ARM-based	Linux on RISC-V	and Linux Distributions	When it all GOes right
					SoCs		Collaboration - Is that	
				the "Sovereign	3003		excluded?	
11:15				Workplace" for the German public sector			excluded	
		Libabigail, State Of The		German public sector				
		Onion						
11:30			InnoDB change buffer:				AMENDMENT Linux	
11.50			Unsafe at any speed		Trustworthy Platform		Distributions' State of	
			onsare de dify speed		Module		Gaming	
	AMENDMENT The New				Module	How to add an GCC	g	
11:45	EU Interoperable Europe Act and the Reuse of			Trixnity		builtin to the RISC-V		
	Software in Public	GNU poke beyond the				compiler		
	Administration	CLI (Command Line						
12:00	Administration	Interface)	MySQL 8 vs MariaDB				Building a Web UI for	AMENDMENT The
			10.11				the Fedora installer 1	Human Factor: Why
								Database teams Need
								Crew Resource
12:15				Bridging ActivityPub	Semihosting U-Boot 🤉			Management 🤉

	UA2.220 (Guillissen)	UB2.147	UB2.252A (Lameere)	UB4.132	UB4.136	UB5.132	UB5.230	UD2.120 (Chavanne)
09:00	Hardening Kernel Subsystems by		Monitoring and Observ	Welcome to Testing an	Welcome to the SBOM d		Why we ditched JavaScript for Kotlin/JS	Efficiently exploit HPC resources in scientific
09:15	Architectural Capabilities		Monitor your databases with Open Source tools	Linux Kernel Functional Testing		Building External Evangelists		analysis and visualization with ParaView
09:30	Pulse-Width-Modulation			Growing a lab for	Understanding and		Doom on the browser	Simplifying the creation
03.30	(PWM) is easy, isn't it?			automated upstream testing: challenges and	Managing the Dependency in SBOM	What I learned about		of Slurm client environments
09:45			Observability in Postgres	lessons learned	with the New Feature of SW360	leading a healthy project from speaking to 50+ maintainers		
10:00	Hybrid Networking Stack Demo	MIPI cameras / libcamera BoF	rosigies	Introducing Vegvisir: An automation framework for testing QUIC	AMENDMENT: SBOM with the Yocto Project for Automotive Grade		a PS5 controller	Troika: Submit, monitor, and interrupt jobs on any HPC system with
10:15				application logic	L AMENDMENT: Automated SBoM generation with	Cultural Relativism		the same interface
10:30	meta netdevices		Application Monitoring with Grafana and OpenTelemetry	Observability-driven development with OpenTelemetry	OpenEmbedded and the Yocto Project		Finite state machine (and some retrogaming)	Self-service Kubernetes Platforms with RDMA on OpenStack
10:45					Hermine: converting SBOMS into legal obligations	Contributor Experience 201		
11:00	MPTCP in the upstream kernel	NLnet office hour	Practical introduction to	Setting up OpenQA testing for GNOME			Javascript for Privacy- Protecting Peer-to-Peer Applications	How to deal with validation as an HPC software?
11:15			OpenTelemetry tracing		A standard BOM for Siemens			
11:30	Graphing tools for scheduler tracing			Console Automation with Termie		Free Culture CV	Strong Dynamic Type Checking for JavaScript	LOFAR: FOSS HPC across 2000 kilometers
11:45			Exploring the power of	Fear the mutants. Love	FOSSology and SPDX			
12:00	BPF without frame	Secure Scuttlebutt Meeting ว	OpenTelemetry on Kubernetes	the mutants.	Build recorder: a system to capture detailed	Uncover the Missing Link ٦	Secure by accident 🤉	HPC Container Conformance
12:15	pointers l				information ↓			The LDBC benchmark suite

FOSDE<u>M 2023 - Sunday 2023-02-05 (3/15)</u>

FOSDE<u>M 2023 - Sunday 2023-02-05 (4/15)</u>

09:15 09:30 Ac 09:45	n introduction to async				(onlin
09:30 Ac se co 09:45 10:00 pip	rogramming				Reviving Reverse Polish Lisp
se co 09:45 10:00 pir					
10:00 pi	ccelerating object erialization by using onstraints				An Introduction to Guix Home
10:15	ip install malware				Literate Storytelling: Interpreting Syntaxes for Explorers
					-
Se Py	Building a Semantic Bearch Application in Bython, Using Haystack	Conquering tribal knowledge with Grav			tissue—the minimalist git+plain text issue tracker
10:45		-			-
dr	low to build an event- Iriven application in Ython	Creating a content pipeline with Antora			
11:15					
11:30					
11:45		Tribe - a content structuring and collaborative framework			
12:00 Ar Mi 12:15	n introduction to	Open Source Collaboration Tools for			

FOSDE<u>M 2023 - Sunday 2023-02-05 (5/15)</u>

	11 202) Sunday 20		
	D.research (online)	D.sds (online)	I.Infodesk (online)
09:00			The Virtual FOSDEM
09:00			
			Infodesk (Sunday) ٦
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11:45			4
			1
—			4
12:00			
—			1
12:15			

FOSDE<u>M 2023 - Sunday 2023-02-05 (6/15)</u>

	Janson	K.1.105 (La Fontaine)	H.2215 (Ferrer)	H.1301 (Cornil)	H.1302 (Depage)	H.1308 (Rolin)	H.1309 (Van Rijn)	H.2214
12:30	k Rosegarden: A Slumbering Giant	ኑ Practical Computerized Home Automation	Lua for the lazy C developer	Գ "CNI Unleashed"	What I Miss In Java (The Perspectives Of A Kotlin Developer)	 Evolution of OSv: Towards Greater Modularity and Composability 	 Shorter feedback loops with Livebook Running Erlang and El 	TurtleStitch - Coded Embroidery
12:45			I2P: Major Changes of the Peer-to-Peer	Notworking			Dealing with a Monster Query	
12:45			Network	Networking management made simple with Nmstate	Update on #JavaOnRaspberryPi			
	Podcasting 2.0: it's all about Interoperability	The Open Source Business Guidebook	The Nym Mixnet		and Pi4J	Introducing Helios Micokernel		
							Welcome to the Haskel	Welcome to the Nix an
13:15 13:30			Keyoxide: verifying online identity with cryptography	prplMesh: open source Wi-Fi mesh	Write Once, Run Anywhere Well, What About Heterogeneous Hardware?		A quick overview of the Haskell tooling	I am excited about NixOS, I want to tell you why!
13:45			gallia: An Extendable Pentesting Framework	Service MESH without the MESS	The Next Frontier in Open Source Java Compilers: Just-In-Time		Hackathon HaskellKatas style	Pitfalls of Nix and how to overcome them
14:00	Decentralized Social	Starting an Open Source	lubako, a new generic		Compilation as a Se	Unikraft Weather Report		Make Anyone Use Nix
		Startup	container format		Afraid Of Java Cold Starts In Serverless?			Nixel: a nicer way to
14:15			Self-hosting for non- coders?	MetalLB and FRR: a match made in heaven	Fear Not, Java Is Super Fast!	Building a Linux- compatible Unikernel	Web englishting	write your Nix expressions
14:30					FireCRaCer: The Best Of Both Worlds		Web application architecture in Haskell with flora.pm	Playing with Nix in adverse HPC
14:45			Libre-SOC: From architecture and simulation to test	Decentralized Storage				environments
			silicon,	with IPFS				Contracts for free!
15:00		Clear skies, no clouds in sight. Running a 14 person company on only free software. ٦	Source Formal		Classics Never Get Old: Two Easy Pieces For GraalVM	Hardware acceleration for Unikernels	The Haskell Security	devenv.sh - Fast, Declarative, Reproducible, and Composable Developer Environments
15:15 15:30			NGI Search and OpenWebSearch.EU projects	CNI Automagic: Device discovery for semantic network attachment in Kubernetes ٦	AsyncGetStackTrace: The Improved Version Of AsyncGetCallTrace (JEP 435)		On the path of better interoperability with Rust! २	The Nix package manager development process Runix I
15:30				Kubernetes ٦	AsyncGetCallTrace (JEP			

FOSDE<u>M 2023 - Sunday 2023-02-05 (7/15)</u>

	AW1.120	AW1.126	K.3.201	K.3.401	K.4.201	K.4.601	UA2.114 (Baudoux)	UA2.118 (Henriot)
		The state of r2land	RIJILUI	↓ Bridging ActivityPub	↓ Semihosting U-Boot	Bringing up the	Building a Web UI f	AMENDMENT The
				with Kazarma	y Seminosting o Boot	OpenHW Group RISC-V	- Building a Web of him	Human Factor: Why
12.30	AMENDEMENT Future of		The MySQL Ecosystem			tool chains	How we build and	Database teams Need
	public code and Digital		in 2023	All your base are belong			maintain Kairos	Crew Resource
	Public Goods			to us				Management
12:45								
12115								
13:00							CentOS Stream	Bulk Inserts With
10.00								PostgreSQL: Four
	Welcome to the Transl	7 things I learned about	Using new Generated	W3C RTC Working Group		We need a Let's Encrypt		Methods For Efficient
13:15		old computers, via	Invisible Primary Key	Update		movement for		Data Loading
	,	emulation	feature in MySQL 8.0			Confidential Computing		
						1		
13:30				Media Streaming Mesh		LSKV: Democratising	How to package BPF	
				5		Confidential Computing	software for Linux	
		Pushing the PSP	Deep Dive into MySQL			from the Core	distributions	
13:45			Query Performance					
	Bringing your project			Modernizing		Keeping safety-critical		
	closer to users -			Authentication and		programs alive when		
14:00	translating libre with Weblate			Authorization in XMPP		Linux isn't able to	From Linux to Cloud to	DBA Evolution (the
	Weblate						Edge and beyond:	Changing Role of the
			Online schema change	OpenSIPS 3.3 –			Evolution of women contributors in distros &	Database Administrator)
14:15			at scale in TiDB	Messaging in the IMS			FOSS	
_		An introduction into		and U Build your own Real		Open Source		
		AMD/Xilinx		Time Billing using CG		Confidential Computing		
14.20	20 years with Gettext	libsystemctlm-soc		Performance		with RISC-V	Fixing Year 2038	
14:50	20 years with Gellext			optimization for VolP		_	Fixing fear 2056	
				service				
			Life of a Query in Vitess	Social audio				
14:45				applications with Janus				
		Emulator development				Introduction to Secure		
		in Java		P10K: getting 10000		Execution for s390x		
15:00				participants into a J			Creating and	Deep Dive Into Query
				Edge observability for			distributing debug	Performance ↓
	Building an atractive		On the road to managed	RTC apps			packages	
15:15	way in an old infra for		databases					
	new translators	OpenCSD, simple and						
		intuitive computational		Quantitative Analysis of				
15:30		storage emulation with QEMU and eBPF i		Open Source WebRTC		Tilting a Pyramid ٦	KDLP: Kernel	
				Developer Trends 🤉		1	Development Learning	
							Pipelin	

FOSDEM 2023 - Sunday 2023-02-05 (8/15)

	UA2.220 (Guillissen)	UB2.147	UB2.252A (Lameere)	UB4.132	UB4.136	UB5.132	UB5.230	UD2.120 (Chavanne)
	4 Walking native stac	հ Secure Scuttlebutt		Fear the mutants.	Build recorder: a	Uncover the Missing	Is Secure by accident	
		Meeting		Love the mutants.	system to capture det	Link		Multiple Double
12:30 12:45	composefs		Observe your API with an API Gateway Plugins		Discussion on SBOM contents	Just A Community Minute	The problems you will have when creating a plugins system for your shiny UI project	Arithmetic on Graphics Pr Overengineering an ML pet project to lear
								Reproducibility and performance: why choo
13:00	EROFS filesystem update and its future		Adopting continuous-	Penpot official launch!	Using SPDX for functional safety		Is it time to migrate to Vue 3?	LIBRSB: Universal Sparse BLAS Library
13:15			profiling: Understand how your code utilizes cpu/memory					
13:30	Having Something To Hide			Value driven design	REUSE	Nurturing, Motivating and Recognizing Non- Code Contributions	In the loop	numba-mpi
13:45			Loki: Logging, but make it cloud native		A complete compliance toolchain for Yocto projects			
14:00 14:15	Rust in the Kernel (via eBPF)	Pwndbg: a GDB plugin for reverse engineering and binary exploitation		Donation Page Design	In SBOMs We Trust: How Accurate, Complete, and Actionable Are They?	lf it's public money, make it public code!	jxr in /engine/ - coding in WebXR on a plane	Running MPI applications on Toro unikernel
14:30	Optimizing BPF hashmap and friends		The O11y toolkit	Creative Freedom Summit Retrospective	The 7 key ingredients of a great SBOM		Visualize the NPM dependencies city	MUST: Compiler-aided MPI correctness
14:45			•			Contributor Growth Strategies for OSS Projects	ecosystem of your node project in VR	checking with TypeART
15:00 15:15	eBPF loader deep dive		Inspektor Gadget: An eBPF Based Tool to	Accessibility & Open Source	Panel discussion: SBOM content, usefulness, and caveats i	Centering DEI Within	Micro-frontends in React	Link-time Call Graph Analysis to facilitate user-guided program instrumentation
	Hacking the Linux Kernel to get moar FPS		Observe Containers	A11y: EAA, WCAG, WAI, ARIA, WTF? - it's f		Your Open Source Project 7	Managing customization in UI library v	How the Spack package manager tames the s

FOSDE<u>M 2023 - Sunday 2023-02-05 (9/15)</u>

	UD2.218A	D.test (online)	D.collab (online)	D.confidential (onlin	D.emulator (online)	D.energy (online)	D.matrix (online)	D.minimalistic (onlin
	ኑ An introduction to MicroPython		4 Open Source Collaboration Tools for					
12:30			Alfresco					
12:45			Tackling document					
			collaboration challenges in 2023					
13:00	AMENDMENT Code reloading techniques in Python						Introduction to the Synapse Kubernetes Operator	
13:15								
13:30	Realtime 3D Graphics on a MicroPython ESP32						Join Matrix HQ room in a snap	
13:45								
14:00	Simple, open, music recommendations with Python						Cascaded Foci (SFUs)	
14:15								
14:30	DuckDB: Bringing analytical SQL directly						Building a social app on top of Matrix	
14:45	to your Python shell.							
15:00	Continuous Documentation for Your Code						Decentralizing moderation	
15:15								
15:30	Talk to DBus from a							
	Python application 🤉							

FOSDE<u>M 2023 - Sunday 2023-02-05 (10/15)</u>

	11 202) Sunday 20			
	D.research (online)	D.sds (online)	I.Infodesk (online)	
			Infodesk (Sunday) 🤉	
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10.00				

FOSDE<u>M 2023 - Sunday 2023-02-05 (11/15)</u>

	Janson	K.1.105 (La Fontaine)	H.2215 (Ferrer)	H.1301 (Cornil)	H.1302 (Depage)	H.1308 (Rolin)	H.1309 (Van Rijn)	H.2214
	나 Running a Hybrid Event with Open Source	Clear skies, no clouds in sight. Runnin	FOSDEM infrastructure review	ኑ CNI Automagic: Devi			On the path of better interoperability	ե Runix
15:45				Golden Signals with Cilium and Grafana	Quarkus 101: Intro To Java Development With			
					Quarkus		2D animations in	P4 in Nix
16:00	Matrix 2.0	The End of Free				A Rust-Based, modular	Haskell using gloss, lens and state	
		Software			Modernizing Legacy	Unikernel for MicroVMs		
16:15				Need to connect your	Messaging System with			Towards Secure Boot for
				k8s pods to multiple networks? No problem	Apache Pulsar			NixOS
16:30				[with calico/vpp]!		Loupe: Designing	Open-Source Opportunities with the	
10.50					Fuzion — Intro for Java	Application-driven	Haskell Foundation	A success story of
10 45					Developers: Mapping Java's Features to	Compatibility Layers in Custom Operating Systems		adopting Nix at a workplace
16:45					Simpler Mechanisms			
							Acknowledgements, *pr	
17:00	Open Source Software at NASA							
	at NASA							
17:15								
17:30								
17:45								
17.45	Closing FOSDEM 2023							
10.00								
18:00								
18:15								

FOSDE<u>M 2023 - Sunday 2023-02-05 (12/15)</u>

Instance Instance Instance Instance Instance Performance Performa		AW1.120	AW1.126	K.3.201	K.3.401	K.4.201	K.4.601	UA2.114 (Baudoux)	UA2.118 (Henriot)
Managing KDE's translation project managing KDE's translation m					↓ Quantitative Analys		나 Tilting a Pyramid		L Deep Dive Into Query
Indiriging ALD 3 translation project analysition project translation project translatin project translation project translation project transla	15:45		intuitive computati	level with ProxySQL	Secure payments over				Performance
16:00 Understanding the Bull GAMMA 3 first generation computer through emulation Interoperable Chat, Dutch Healthcare and the Digital Markets Act unmodified container AMENDMENT KubeOS: Container OS based on images in Nitro Enclaves Don't Do This 16:15 Interoperable Chat, Dutch Healthcare and through emulation Extending MySQL with component infstructure Interoperable Chat, Dutch Healthcare and the Digital Markets Act Mathomas Interoperable Chat, Dutch Healthcare and the Digital Markets Act Mathomas Interoperable Chat, Homester: What's Homester: What's		Managing KDE's			VolP calls in the cloud			ripellile	
Interoperable Chat, generation computer through emulation Interoperable Chat, generation Interoperable chat, generation computer through emulation Interoperable chat, generation compression Interoperable chat, generation computer		translation project							
Initial sector Images in Nitro Enclaves OpenEuler 16:15 Images in Nitro Enclaves OpenEuler 16:16 Images in Nitro Enclaves OpenEuler 16:17 Images in Nitro Enclaves OpenEuler 16:18 Images in Nitro Enclaves OpenEuler 16:19 Images in Nitro Enclaves OpenEuler 16:19 Images in Nitro Enclaves Images in Nitro Enclaves 16:19 Translating Image a GameBy Conferences in Lippone Autonomous Intervet volutions Funded observability Server Autonomous Happened and What's 16:19 Verk with them Extended observability Server Operroom closing and Distributions: Closin 17:00 Images in Nitro Enclaves Devroom closing and Distributions: Closin Images in Nitro Enclaves 17:00 Images in Nitro Enclaves Devroom closing and Distributions: Closin Images in Nitro Enclaves 17:10 Images in Nitro Enclaves Images in Nitro Enclaves Distributions: Closin Images in Nitro Enclaves 17:10	16:00								Don't Do This
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FOSDEM 2023 - Sunday 2023-02-05 (13/15)

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15:45	ו Hacking the Linux Kernel to get moar FPS		Best Practices for Operators Monitoring	♦ A11y: EAA, WCAG, WAI, ARIA, WTF? - it's for the people stup	4 Panel discussion: SBOM content,			 How the Spack package manager tames the stat storm
16:00 16:15	Don't blame devres - devm_kzalloc() is not harmful		and Observability in Operator SDK	Building a UX Research toolkit			A practical approach to build an open and evolvable Digital Experience Platform (DXP)	Keeping the HPC ecosystem working with Spack Cl
16:30 16:45	Rethinking device support for the long- term		Lightning Talks	Practical UX at OpenProject	General Q&A on SBOMs	Do we still need to have virtual events?	Using the Firefox Profiler for web performance analysis	Developing effective testing pipelines for HPC applications
17:00					SBOM devroom closing	Community Closing rem		
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FOSDE<u>M 2023 - Sunday 2023-02-05 (14/15)</u>

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	Your Job Depends on It							
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FOSDE<u>M 2023 - Sunday 2023-02-05 (15/15)</u>

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