

	D.community	D.composition	D.containers	D.declarative.minima l...	D.dependency	D.design	D.distributions	D.docs	D.embedded	D.emulator	D.firmware	D.geospatial
09:00												
09:15												
09:30												
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10:00										Dragging MAME into the 21st century		
10:15												
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11:00										The PlayStation 2: From Emotion to Emulation		
11:15												
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12:00												
12:15												
12:30							An User & Developer Perspective on Immutable OSes			Emulation 101: How anyone can do it		
12:45												
13:00						A brief introduction to Open Source Design	Homebrew: macOS Big Sur and ARM		From Reset Vector to Kernel ↴			
13:15												
13:30						Communicating CryptPad ↴	Two different approaches to building a distribution: OpenHarm...			Do you even emulate, (Super Mario) bro? ↴	Open Source Firmware status on AMD platforms 2021 ↴	

	D.go	D.graph	D.hardware.trusted	D.hpc	D.infra	D.javascript	D.openjdk	D.kotlin	D.legal	D.libreoffice	D.mariadb	D.microkernel
09:00												
09:15												
09:30												
09:45												
10:00			Opening	Accelerating HPC applications with Out-of-Order Commit Processors	Infrastructure-as-code drifts aren't like Pokemon : you can't catch em all	JavaScript welcome session	Getting the Most from Modern Java				Welcome to the MariaD...	Welcome and Introduction
			Rust, WebAssembly and open source								MariaDB 10.6 and beyond	The seL4 Report
10:15						Angular Test First Development						
10:30			Veracruz: privacy-preserving collaborative compute	HPC Container Engine State-of-Art	A hands-off approach for your Terraform						Upgrading to a newer major version of MariaDB	
10:45							10 Ways Everyone Can Support the Java Community					
11:00			Graphene Library OS	Faster Spark SQL: Adaptive Query Execution in Spark v3	State assessment and data validation using Ansible	Eleventy is a simpler static site generator.					Migrating from other databases to MariaDB	The seL4 Foundation
11:15												
11:30			Secure Multi-Party Applications in Open Enclave	DiscoPoP: A tool to identify parallelization opportunities in sequential programs and suggest OpenMP constructs and clauses	Kubernetes Config Management Landscape	Accessible code editing with CodeMirror 6		DeepNetts: Deep Learning IDE			Migration from Oracle to MariaDB with no application change	
11:45			Lightning fast enclave network services with async I/O								Migrating MariaDB Cluster to ARM	libioth
12:00					An alternative to Heroku: An end-to-end open source infrastructure automation toolchain	This DoS goes loop-di-loop	The Java Version Almanac				Mariabackup - too rarely used	
12:15			An Open-Source Framework for Developing Heterogeneous Distributed Enclave Applications									
12:30					The Great Cloud Migration with Network Automation & Service Mesh	Talking Tabs - Communicating Across Browsing Contexts					Databases beyond the tutorials	
12:45							Disco API: OpenJDK Distributions As A Service					
13:00					your management layer should be cattle too	Bangle.js: Making a smart watch ↴					Atomic DDL in MariaDB	Pluggable device drivers for Genode
13:15												
13:30			Hardware Based CPU Undervolting on The Cheap ↴		Registry native delivery of software content with Pulp3. ↴		It's a Bird, It's a Plane, It's SDKMAN: Software Development Kit Manager ↴				MariaDB Roles ↴	

	D.monitoring	D.mozilla	D.mysql	D.network	D.perl	D.postgresql	D.power	D.python	D.radio	D.research	D.retro	D.rtc
09:00												
09:15												
09:30												
09:45												
10:00				Let's find NeMo toget...	Welcome to the Perl & Raku devroom	PostgreSQL Waffles	Intro to the OpenPOWER DevRoom			OpenStreetMap Features as Proxy to Socio-Economic Indicators: A Network Theory Approach		Products versus Protocols
10:15				What's new with OpenNMS	Raku - Sets without Borders		Microwatt grows up			Combining crowdsourcing and expertise in Digital Humanities		Adding Matrix for interoperability to existing chat apps
10:30												
10:45				NESi	Cor - The Future of OO In Perl		Status of OpenPOWER support in coreboot			Making Tools for Social Media Research: Principles and (Future) Challenges		Can WebRTC help musicians?
11:00												
11:15				Introducing Thola		Database schema management for lazybones: from chaos to heaven	The LibreSOC Project			From Navicrawler to HyBro: a brief histor...		Decentralizing HEP for RTC Platforms
11:30												
11:45				Talking about Icinga and Icinga development	Perl, Raku and TPF Branding: Next Steps		It's the right time to switch computing to Open Hardware Power Architecture			Gazouilloire: a command line tool for lon...		Developing WebRTC
12:00												
12:15				Network Monitoring with InfluxDB 2 and Telegraf ↴	Raku: The Dynamic Language You Didn't Know You Needed	Caveats of replication	Void Linux: we heard you like little endian			PANDORÆ		Eating your own dogfood; WebRTC for Broadcasters
12:30												
12:45				Thunderbird in 2021						Web mining panel		High performance Rating Queues using CGRateS
13:00												
13:15				A journey to performance ↴						FLOSS meets Social Science Research (and lived to tell the tale)		The road to End-to-End Encryption in Jitsi Meet
13:30												
					The one where a Perl+Raku programmer went to the Bar					Collaborating to describe datasets using Frictionless Data schemas: schema-collaboration		
					Perl in 2025 ↴	The Story About The Migration ↴				Emacs and org-mode for reproducible research		
										eLabFTW - the open source lab notebook		
										Using ElabFTW for materials science		Towards free, private and secure communications
										ELab panel		

	D.safety	D.sdn	D.sds	D.testing	D.virtualization	D.web.performance	D.zig	S.apache	S.appinventor	S.box86	S.checkmk	S.civicrm
09:00												
09:15												
09:30								Welcome to the stand for The Apache Software Foundation	Welcome to the stand for MIT App Inventor	Welcome to the stand for Box86	Welcome to the stand for Checkmk	Welcome to the stand for CiviCRM
09:45												
10:00	Why we should use Free and Open Source Software for safety applications			Welcome to Testing and Automation devroom	KubeVirt opinionated deployment via Hyperconverged Cluster Operator						Ask-us-Anything	
10:15				KernelCI has passed the test. Over to you!								
10:30												
10:45					KubeVirt: privilege dropping one capability at a time							
11:00	Adding contracts to the GCC GNAT Ada standard libraries		Benchmarking S3 in Ceph with COSBench						Minigame: Codi Mash		Technical Demo (DevOps)	
11:15					Reliably reproducing kernel data races							
11:30						Leveraging virtio-vsock in the cloud and containers						
11:45	Document security and digital signatures in PDF		What's new in Ceph RGW									
12:00				A Comparison of ftrace and LTTng for Tracing Baremetal and Virtualized Workloads								
12:15					ML inference acceleration for lightweight VMMs				Get a chart image from a Google Sheet and display in App			
12:30			SMB3 Overboard	About the joy and tears of testing Embedded Devices								
12:45												
13:00					Operator SDK use case: virtual machine import to KubeVirt				Expanding App Inventor with Extensions ↴		Technical Demo (DevOps)	
13:15												
13:30	Proving heap-manipulating programs with SPARK ↴		Replicated block storage automation with LINSTOR ↴	Interactive debugging inside CI systems ↴								

	D.community	D.composition	D.containers	D.declarative.minimal...	D.dependency	D.design	D.distributions	D.docs	D.embedded	D.emulator	D.firmware	D.geospatial
09:00												
09:15												
09:30												
09:45												
10:00	Abracadabra, now everyone's a remotee!			A few patterns (and one antipattern) you might see only in Raku	Software Ecosystems as Networks							Introduction to OSGeo
10:15												
10:30	Communication Hacks			The Fuzion Language								OSGeoLive your geospatial toolkit
10:45					DepClean: Automatically revealing bloated software dependencies in Maven projects							
11:00				What's next for Teal, the typed dialect of Lua								MoveTK: the movement toolkit
11:15	Contributing (with) civil servants											
11:30			Advanced BPF kernel features for the container age	A Lisp REPL as my main shell	Lost in Zero Space							
11:45	Does open source need its own Priority of Constituencies?											
12:00			Operator SDK use case: virtual machine import to KubeVirt	GNU Mes - the Full Source Bootstrap								laso: Geo-aware Data Collection, Curation and Analysis.
12:15	Ensuring user focus of open source development: Case MariaDB Server			Declarative and Minimalistic Computing						Best Little Emulator Ever Made! - part 1/3		
12:30	How I Learned to Stop Worrying and Love Doing Less		Docker Is No More! What Now?	Compiling to WebAssembly	Early warning signs for open source breakages			Tool the Docs Brunch				Telegram Bot For Navigation
12:45												
13:00	Improving Onboarding in FOSS		MariaDB Buildbot Container environments	Semantically meaningful S-expression diff					Networking Performances in the Linux Kernel, Getting the most out of the Hardware ↴		OpenBMC introduction and porting guide	OpenStreetMap in Africa
13:15			Idmapped Mounts ↴									
13:30	Making Documentation a First-class Citizen in Open Source Projects ↴			Making a simple language is complicated ↴	Reusing dependencies across ecosystems: what stands in the way? ↴	Community-accessible EEG monitoring of the user's mental stat...		Make Git-free contributions a reality ↴		Best Little Emulator Ever Made! - part 2/3 ↴	Open Source Firmware Status on Ampere ARM64 Platforms ↴	

	D.go	D.graph	D.hardware.trusted	D.hpc	D.infra	D.javascript	D.openjdk	D.kotlin	D.legal	D.libreoffice	D.mariadb	D.microkernel
09:00												
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09:30												
09:45												
10:00				Deploying Containerized Applications on Secure Large Scale HPC Production Systems.			Cross-Platform User Interface Development in Java with OpenJFX	Kotlin DevRoom Welcoming Remarks		LibreOffice Technology		
10:15								Kotlin Roadmap: Upcoming Features				
10:30				Scalable, Automated ML Model Monitoring with KFServing and Hopsworks						Lowering the Barrier for New Developers		
10:45							The Future of Java on Raspberry Pi: Java, JavaFX, Raspberry Pi and Electronics	The future of dependency management, seen from 2021				
11:00				Make life easier for big data users on Arm platform						Using IDEs for LibreOffice development		
11:15								Live coding server as a function with http4k				
11:30				Getting ready for the AMD GPUs			Practical Introduction to FXGL Game Engine			The Perfect Gerrit Patch		
11:45								Come to the backend side we have Kotlin!				
12:00				GPU Computing Made Simple with the C++ Vulkan SDK & the C++ Kompute Framework (AMD, Qualcomm, NVIDIA & Friends)			Creating a JavaFX World Clock App from Scratch			LibreOffice WASM - the How and Why		
12:15								Step it up: Compose for Desktop				
12:30										Editable nested fields in Writer		
12:45							Real World JFR: Experiences Using JFR Outside the Ivory Tower	Goodbye Kotlin Extensions, Welcome View Binding				
13:00										How Collabora Online development improves LibreOffice		
13:15								How to write your own MVI library and why you shouldn't				
13:30							A Hitchhiker's Tour to Containerizing a Java application ↴			Build-in "xray" like UNO object inspector ↴		
								And that, folks, is h...				

	D.monitoring	D.mozilla	D.mysql	D.network	D.perl	D.postgresql	D.power	D.python	D.radio	D.research	D.retro	D.rtc
09:00												
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09:30												
09:45												
10:00	Monitoring & Observability intro		25 years of MySQL - A Retrospective			Some SQL Tricks of an Application DBA		Different Approches in Pedagogy in Teaching Data Science with Python	Never compile on the target ! GNU Radio on embedded systems using Buildroot		Welcome to RetroCompu...	
10:15	Observability for beginners										An emulator for my old system today and tomorrow ?	
10:30	A Google Monitoring System, Monarch... in Open Source?		Open Source Database Infrastructure with Vitess			Speed up the JSONB.		Improving pip for all users	srsLTE project update		Mouse integration for virtualized legacy operating systems	
10:45												
11:00	Getting Started with Grafana Tempo		From single MySQL instance to HA			I use ENUM - Vindicating the Underdog of Data Types		Practical advice for using Mypy	openwifi - opensource WiFi chip		Scan2Run - Reviving old listings in MAME emulator	
11:15												
11:30	PostgreSQL Network Filter for EnvoyProxy		Group Replication: Best Practices for Network Deploy			Getting on a hook or PostgreSQL extensibility		CubicWeb as a Linked Open Data server	gr-satellites project update		ZX Adventure	
11:45												
12:00			Review of the Percona Operator from a DBA prospective			Postgres Architectures in Production		Don't be Afraid of Async	Talking to spaceborne RADAR: Sentinel1 data processing			
12:15												
12:30	Proper Monitoring		MySQL Router REST API			PostgreSQL logical decoding		AleksIS				
12:45	Monitoring MariaDB Server with bpftrace on Linux								SigDigger: blind signal analysis made easy ↴			
13:00	Performance Analysis and Troubleshooting Methodologies for Databases		Better User Management under MySQL 8.0			PostgreSQL and The SQL Standard		Bringing Pinax Back to Life			USB for a 1977 Keyboard	
13:15												
13:30	Production Machine Learning Monitoring: Outliers, Drift, Expl...		Running MySQL on ARM ↴			Improve your indexes ↴		Is Rainfall Getting Heavier? Building a Weather Forecasting P...			Why your PC only has sixteen colors	

FOSDEM 2021 - Sunday 2021-02-07 (7/27)

	S.haiku	S.illumos	S.jenkins	S.kde	S.kiwi	S.kopano	S.Libreoffice	S.libresoc	S.mariadb	S.matrix	S.mautic	S.nextcloud	
09:00													
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10:45				Konsole: New Features									
11:00												József Keller - Be a Better Emailer	
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13:00												Dominique De Cooman - Creating personalised digital experiences with Mautic ↴	
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