	K.fosdem	M.community	M.misc	M.rtc	M.security	M.test	L.lightningtalks	B.bofs	D.ada	D.apache-openoffice	D.bsd	D.collab
09:00	Welcome to FOSDEM 2022											
09:15												
09:30												
09:45												
10:00		Making a community-managed FOSS project sustainable in the medium- to long-term		Jitsi: 20 years of Real Time Communications								
10:15												
10:30												Oniro - an open-source starter for fast-paced IoT environments
10:45												
11:00		Empowered for Action: Making open Science Practical in the Global South.		The Future of WebRTC						Project Overview 2021/22		INTEROFFICE
11:15												
11:30												Tracim, the helping hand for all your collaboration needs
11:45										Revisiting the Linux packaging for Apache OpenOffice		
12:00			State of Open Source Databases	WebRTC broadcasting with WHIP								
12:15		We've got issues										
12:30										Translation		
12:45												
13:00		Tearing down Barriers for Contributions by Non-coders and Newcomers		On the Far Side of REST ↵			Tracking your time with Timewarrior					
13:15							Reconfigure from all over					
13:30												XWiki as an FOSS alternative to Confluence and Notion ↵
							Measuring and analyzi...					

Time	D.cad	D.conference	D.containers	D.cicd	D.dart-flutter	D.minimalistic	D.distributions	D.embedded	D.emulator	D.mobile	D.radio	D.openjdk
09:00												
09:15												
09:30												
09:45												
10:00												Keeping Your Java Hot & Fresh in 2022
10:15	Advanced PCB simulation with KiCad									Mainlining the reMarkable 2 eInk tablet		
10:30												
10:45												Records and Text Blocks: But What Else Is Interesting In OpenJDK 17?
11:00	FreeCAD Link Branch Development									Nemomobile		
11:15												Introducing Kotlin In Your Organization: From The Ground Up
11:30												
11:45		Welcome to the Confer...								Librem 5 phone kernel report		
		Free tools that help you run online events in an effective way										
12:00	LibrePCB Status Update											Let's Talk About Foreign Functions In Java
12:15	ngspice - current status and future developments											
12:30		DebConf Conference Infrastructure						Five mysteries in Embedded Linux		Taking a desktop OS to mobile phones		
12:45	KiCad Project Update											Native Language Access: Project Panama for Newbies
13:00								Back to DirectFB!				
13:15		Using OBS, Jitsi and Kdenlive to stream and edit conference videos			Make the code work for you: Flutter Code Generation ↴							
13:30								Automotive Ethernet PHY bring-up: lessons learned and debug t...		2 Years of Mobian ↴		Java Security: Log4J, the SecurityManager, and Funding ↴
	Hacking through BIM m...											

Time	D.geospatial	D.go	D.graphics	D.trusted-hardware	D.hpc	D.infra	D.javascript	D.kotlin	D.legal	D.open-hardware	D.libreoffice	D.llvm
09:00												
09:15												
09:30												
09:45												
10:00				Opening	Low-code data visualization and aggregation with OpenSearch Dashboards	A practical guide to CUE: patterns for everyday use						
10:00				SGX Enclave Exploit Analysis and Considerations for Defensive SGX Programming								
10:30				Gramine Library OS	Uncovering Arcon: A state-first Rust streaming analytics runtime							
10:45												
11:00				WebAssembly + Confidential Computing	Build an Open Source Streaming Data Pipeline	Migrating Foreman/Katello from EL7 to EL8 using LEAPP/ELevate						
11:15				Short break								
11:30				Privacy-preserving video object detection in WebAssembly inside Veracruz								
11:45												
12:00				Symbolic Validation of SGX enclaves using Guardian		Using Ansible and Proxmox to manage an embedded RPM distro build factory: lessons learned						
12:15							JavaScript welcome session - day #1					
12:30				Lunch break			Technology kits (choices) that enable to consistently deliver high quality frontend solutions at speed					
12:45												
13:00		Welcome to the Go Devroom				Running trusted payloads with Nomad and Waypoint	Destructuring Frontend monoliths with MicroFrontends ⤵		How to teach OSS licenses and compliances at a university			Enhanced debuggability support in LLVM for various Fortran language features
13:15		Dissecting Slices, Maps and Channels in Go ⤵										
13:30				Logging, debugging and error management in Confidential Computing ⤵					An update on the Digital Markets Act ⤵		Why ODF is a better standard than OOXML ⤵	How to write an extension for C ⤵

	D.mariadb	D.matrix	D.microkernel	D.monitoring	D.mozilla	D.mysql	D.network	D.nim	D.research	D.design	D.firmware	D.openpower
09:00												
09:15												
09:30												
09:45												
10:00	Welcome to the MariaD...								Welcome to the Open R...	Introduction to Open Source Design		
	MariaDB Server's new release model								From pipe dreams and waste to functional accretion: building a capable infrastruc...			
10:15										Documenting a Design System		
	What is new in mariadb 10.6 ?								Code Liberation and Software Sustainability			
10:30												
			Introduction						Free Software Development as Observant Participation			
10:45	New features in MariaDB 10.7 and MariaDB 10.8		Advanced Unit Testing in the Hedron Microkernel									
11:00					Suggestions for a Stronger Mozilla Community				Academics developing software testimonies panel		Welome to the Open Source Firmware, BMC a...	
11:15	MariaDB Server on macOS										Firmware Settings and Menus	
			A practical solution for GNU/Hurd's lack of drivers: NetBSD's rumpkernel framework						Writing with data visualization			
11:30					Collecting Sentences for Common Voice							
	Improved histograms in MariaDB 10.8								Livemark: data presentation framework			
11:45												
			Genode meets the Pinephone									
12:00	Performance oriented InnoDB log format changes				BabiaXR: Virtual Reality Data Visualizations for the browser				MetaindeX and user requirements for a generic catalog applica...			
12:15									Visual inquiries panel	Supporting open design in Bitcoin	GRUB - Project Status Update	
12:30	MariaDB Optimizer - ongoing development and changes				"CV Project app": How an Android app can change the Mozilla Common Voice project			Nim concurrency				
12:45			Managarm: Design of a pragmatic fully-asynchronous microkernel						On the dissemination/evaluation loop for Research Software			
									What is special about open source research software and why d...			
13:00	MySQL 8 vs MariaDB 10.7				Mozilla Support: 24, 7, 365							
								Next generation micro-controller programming	Policies panel			
13:15			Debugging and Monitoring in Unikraft ↳								Open Source Firmware status on AMD platforms 2022	
13:30	MariaDB Point-in-Time-Recovery ↳								Ersilia, a hub of AI/ML models for infectious disease research			
					LibVF.IO: vGPU & SR-I...							

	D.postgresql	D.public-code	D.python	D.raku	D.retro	D.safety	D.dependency	D.sds	D.testing	D.valgrind	D.virtualization	D.web3
09:00												
09:15												
09:30												
09:45												
10:00				Raku devroom intro	Welcome to Retro-Comp...	Subplot - documenting your criteria for success			Welcome to Testing and Automation devroom		What's coming in VIRTIO 1.2	Decentralized Self Sovereign Trust Graphs
				A Raku Grammar for Navigation Lights	Getting 1K Chess for the ZX81 online							
10:15									Automating Code Review with Sparse			
10:30					Let's Get Serial!						Cross-platform/cross-hypervisor virtio vsock use in go	
10:45				Free Software, Dependency Management, and what I got wrong at FOSDEM 21								
11:00						Don't trust us, trust the math behind immudb					Introducing OKD Virtualization	
11:15					Made by Woz: how Apple-1 operating system works?				Unit testing Linux kernel drivers			
11:30				Multi-language Data Wrangling and Acquisition Conversational Agents							ToroV, a kernel in user-space, or sort of	
11:45												
12:00					A Computer Museum	Designing a new Language for Safety: Fuzion			Continuous testing in a cloud based infrastructure using virtualization and real hardware in the loop		KubeVirt scale test by creating 400 VMIs on a single node	
12:15												
12:30				Class learning analytics with Raku							DevOps, Cloud Native, DPUs: beyond the buzzwords	
12:45												
13:00											Isolating PCI/CXL Devices: It All Starts with System Launch	
13:15												
13:30					Trajectware - timeline-based navigation across computing heritage ↵	Testing Requirements Documents ↵					Automatic CPU and NUMA pinning ↵	

	S.box86	S.checkmk	S.civicrm	S.opensuse	S.debian	S.eclipse	S.fedora	S.foreman	S.fossasia	S.fsfe	S.freebsd	S.gnome
09:00												
09:15												
09:30	Welcome to the Box86 stand	Welcome to the Checkmk stand	Welcome to the CiviCRM stand	Welcome to the openSUSE stand	Welcome to the Debian stand	Welcome to the Eclipse Foundation stand	Welcome to the Fedora Project stand	Welcome to the Foreman stand	Welcome to the FOSSASIA stand	Welcome to the Free Software Foundation Europe stand	Welcome to the FreeBSD Project stand	Welcome to the GNOME stand
09:45												
10:00												
10:15												
10:30												
10:45												
11:00												
11:15												
11:30												
11:45												
12:00												
12:15												
12:30												
12:45												
13:00												
13:15												
13:30												

	S.gsoc	S.haiku	S.illumos	S.kde	S.kiwi	S.libreoffice	S.libresoc	S.mariadb	S.matrix	S.mautic	S.nextcloud	S.ntop
09:00												
09:15												
09:30	Welcome to the Google Summer of Code stand	Welcome to the Haiku stand	Welcome to the illumos stand	Welcome to the KDE Community stand	Welcome to the Kiwi TCMS stand	Welcome to the LibreOffice stand	Welcome to the LibreSOC Project stand	Welcome to the MariaDB Foundation stand	Welcome to the Matrix stand	Welcome to the Mautic stand	Welcome to the Nextcloud Hub stand	Welcome to the ntop stand
09:45												
10:00				Plasma Mobile in 2022								
10:15												
10:30												
10:45												
11:00												
11:15				Kalendar and the case for Akonadi								
11:30												
11:45												
12:00												
12:15												
12:30												
12:45												
13:00				KDE Eco ↴								
13:15												
13:30												

	S.oniro	S.onlyoffice	S.openmandriva	S.opentap	S.openuk	S.openwifi	S.ow2	S.pharo	S.postgresql	S.pulp	S.reactos	S.refpersys
09:00												
09:15												
09:30	Welcome to the Oniro Project stand	Welcome to the ONLYOFFICE stand	Welcome to the OpenMandriva stand	Welcome to the OpenTAP stand	Welcome to the OpenUK stand	Welcome to the openwifi stand	Welcome to the OW2 Open Source Community stand	Welcome to the Pharo stand	Welcome to the PostgreSQL stand	Welcome to the Pulp stand	Welcome to the ReactOS stand	Welcome to the RefPerSys stand
09:45												
10:00												
10:15												
10:30												
10:45												
11:00												
11:15												
11:30												
11:45												
12:00												
12:15												
12:30												
12:45												
13:00												
13:15												
13:30												

	S.schulfrei	S.apache	S.ubuntu	S.xcpng	S.xwiki	I.infodesk
09:00						The Virtual FOSDEM Infodesk (Saturday) ↴
09:15						
09:30	Welcome to the schul-frei stand	Welcome to the The Apache Software Foundation stand	Welcome to the Ubuntu stand	Welcome to the XCP-ng stand	Welcome to the XWiki & CryptPad stand	
09:45						
10:00						
10:15						
10:30						
10:45						
11:00						
11:15						
11:30						
11:45						
12:00						
12:15						
12:30						
12:45						
13:00						
13:15						
13:30						

	K.fosdem	M.community	M.misc	M.rtc	M.security	M.test	L.lightningtalks	B.bofs	D.ada	D.apache-openoffice	D.bsd	D.collab
13:45		Nurturing Developer Communities in Unprecedented Times		↳ On the Far Side of REST			↳ Measuring and analyzing humidity data using Python, syslog-...					↳ XWiki as an FOSS alternative to Confluence and Notion
14:00				UnifiedPush			Jupyter for React.js developers					
14:15							C meta-programming for the masses with C%: cmod					
14:30		How to ask Good Questions in Open Source Communities					Introduction to qbe					Nextcloud in 2021
14:45												
15:00			Crowdsecurity	Backgrounds are blurry, but the future is clear			InterPlanetary Wheels			How to build OpenOffice today		
15:15							Making the web preservable with open source tools					
15:30		ONLYOFFICE										Introducing ONLYOFFICE Forms for paperwork automation and smart collaboration
15:45							Let's escape this vicious circle			The way to a new build Environment		
16:00			Open Source Network Automation in 2022	Introduction to Media Streaming Mesh			Generating virtual 3D exhibitions from Wikipedia					How to overcome development challenges when building self-hosted collaboration platform
16:15												
16:30										Apache OpenOffice Verification Testing		Deploying Containerised Open-Source CSP platforms
16:45												
17:00			Implementing the NTFS filesystem in Rust									
17:15												
17:30												
17:45												
18:00												

Time	D.cad	D.conference	D.containers	D.cicd	D.dart-flutter	D.minimalistic	D.distributions	D.embedded	D.emulator	D.mobile	D.radio	D.openjdk
13:45	↳ Hacking through BIM models	Lessons from 6 Virtual Ansible Contributor Summits			↳ Make the code work for you: Flutter Cod…			↳ Automotive Ethernet PHY bring-up: lessons learned and debug tips		↳ 2 Years of Mobian		↳ Java Security: Log4J, the SecurityManager, and Funding
14:00	Open CASCADE Technology status update				The beautiful world of Flutter Testing							Security Warning: Your Java Attack Surface Just Got Bigger
14:15	Sparselizard 2021.11 - your multiphysics FEM simulation tool									Porting mainline Linux to mobile phones		
14:30		FOSS Events Primer						Bringing RAUC A/B Updates to More Linux Devices				
14:45	The CadQuery Ecosystem				Building PWA with Flutter							Simple Tweaks To Get The Most Out Of Your JVM
15:00	Pushing the Open Source Hardware Limits with KiCAD							ply: lightweight eBPF tracing				
15:15		Using pgeu-system to manage your conference								The road towards using regular linux on ebook readers		TornadoVM: Hardware Acceleration For Java In Practice
15:30												
15:45												
16:00					Architectural thinking on Flutter State Management			Build Systems all the way down.				Java & Alpaca: A Beautiful Friendship
16:15												
16:30		FOSDEM Conference Infrastructure						One stop shop: Best Practices for Programming Embedded FPGAs		Status of camera support on mobile FOSS devices		
16:45												Java Threading Essentials
17:00					Flutter in the NFT world							
17:15												
17:30								GPIO across Linux and Zephyr kernels				Fuzion: A New Language For The OpenJDK Unifying Java's Concepts
17:45												
18:00												

Time	D.geospatial	D.go	D.graphics	D.trusted-hardware	D.hpc	D.infra	D.javascript	D.kotlin	D.legal	D.open-hardware	D.libreoffice	D.llvm
13:45		↳ Dissecting Slices, Maps and Channels in…		↳ Logging, debugging …			↳ Destructuring Frontend monoliths with MicroFrontends		↳ An update on the Digital Markets Act		↳ Why ODF is a better standard than OOXML	↳ How to write an extension for C
		Mastering Your Error Domain		Secure boot, TEEs, different OSes and more								
14:00						Simple (but useful) Ansible reporting with ara	Behavior Graph		A globally unified governance framework for Open Source			Coverage for eBPF programs
14:15				Arm CCA enablement through the Trusted Firmware community project								
14:30		Go Further Without Wires					Can JS also build the metaverse?		Why the pandemic could help FOSS, but was a win for proprietary software		OOXML Document Analysis	Llsoftsecbook: an open source book on software security for compiler developers
14:45				Short break								
15:00				Rethinking the OS for Isolation Flexibility with FlexOS	Using OpenStack to reduce HPC service complexity	Immutable Infrastructure with Flatcar Container Linux	Rapid Prototyping Physical Interfaces with Web Serial and Cheap MCUs.		Why Device Neutrality is important for Free Software?		Let's Build a 200-Page-Long Lecture Book with LibreOffice Writer	8-bit Character support on architectures were the smallest addressable unit size is 64-bit in Clang and LLVM
15:15		Fun with Finite Automata										
15:30				Intravisor -- a hypervisor for fine-grained isolation using CHERI	Containers in HPC		Bridging the Gap between Jamstack and Big Data		Panel: Hot Topics		Creating professional templates with LibreOffice Writer	Libc++ on Linux - using the example of Oniro
15:45		Fuzzy generics		Developing for the AWS Nitro Enclave Platform								
16:00					This is The Way- A Crash Course on the Intricacies of Managing CPUs in K8s	Central Infrastructure Management: a user friendly deployment of OpenShift on Bare Metal	Accessibility testing with HTML-Validate				Document themes in LibreOffice Impress and elsewhere	LLVM and ANTLR: A Starter on a non-Linux Machine
16:15		JSON Serialization - The Fine Print			Short break							
16:30				Process-based abstractions for VM-based environments	Making Apache Spark, Apache Mahout, Kubeflow, and Kubernetes Play Nice		E2E testing with Microsoft Playwright				Advantages of LibreOffice Technology	
16:45		Why your next embedded project should be written in Go										
17:00						RPort remote access and remote management	Search and aggregations made easy with NodeJS and OpenSearch				Canvas For Rendering UX	
17:15												
17:30		The State of Go									Information Engineering Operations	
17:45												
18:00												

	D.mariadb	D.matrix	D.microkernel	D.monitoring	D.mozilla	D.mysql	D.network	D.nim	D.research	D.design	D.firmware	D.openpower
13:45	↳ MariaDB Point-in-Ti...		↳ Debugging and Monit...		Thunderbird in 2022			↳ LibVF.IO: vGPU & SR-IOV on Consumer GPUs using Nim	Improve diagnostics of typhoid through Open Science: An Artificial Intelligence-b...			
14:00	Mariabackup + Restic: a simple and efficient online backup solution for your DBs		Hardware accelerated applications on Unikernels for Serverless Computing		How to Start a Language on Mozilla Common Voice?	Encrypting binary (and relay) logs in MySQL				Synthesising user testing insights with OSS tool teams	OST2: A new way to grow security talent for open source projects	
14:15									Artificial Intelligence Panel			
14:30	MariaDB DENY command		UX/RT - a QNX-like OS based on seL4			Hash join in MySQL 8.0		Polymorph: a compile time approach to entity-component-systems in Nim	GitBuilding: Open source documentation for open source hardware	We hear you!		
14:45	MariaDB Galera Cluster and M/S replication				Searchfox				BeeHive: a flexible open hardware platform for behavioural ex...			
15:00			RedLeaf: Isolation and Communication in a Safe Operating System			ProxySQL 2021 Dev Submit		Potato Zombies	Open Hardware Panel	When to invest in the UX of (scientific) open source		
15:15	Ten Tips for Better MariaDB Performance								Building a consensus meta-data standard f...		Attestation's Requirements	
									BrAPI: a standard API specification for p...			
15:30					Firefox Desktop Development 101	Backup/Restore tools performance comparison			Standards panel	Why Designers are the Mediators of Accessibility		OpenPOWER Ask Me Anything (AMA)
15:45	Creative uses of triggers		The Composite Component-Based OS					Pararules				
16:00									Ontology Development Kit	Remote workshops		The Libre-SOC Project
16:15	MariaDB Connection ID								Sustainable community building with the Wikibase Stakeholder Group		Mono Lake Story - how we enabled an open hardware platform	
16:30			Mitigating Processor Vulnerabilities by Restructuring the Kernel Address Space		Introduction to Foxfooding			HPC from Python to Nim	Knowledge management communities panel			
16:45	More on bpftrace for MariaDB DBAs and Developers								F-UJI : A Tool for the automated assessment and improvement o...	Calling all UX Designers!		
17:00			Unhackable across 30 Years, End in Sight					Nim Metaprogramming in the real world	Internal R packages for Open Science in Agrometeorology		Plan 9 CPU command, in Go, for Linux	OpenPOWER Foundation 2.0
17:15	Introducing MYSQL_JSON plugin								Unveiling Hidden Physics at the LHC using Open Data	1 year of the Sustaining open source design podcast		
17:30												
17:45	The future of databases is confidential								Open Data Panel	Pitch your project		
18:00												

	D.postgresql	D.public-code	D.python	D.raku	D.retro	D.safety	D.dependency	D.sds	D.testing	D.valgrind	D.virtualization	D.web3
13:45					↳ Trajectware - timeline-based navigation…	↳ Testing Requirements Documents					↳ Automatic CPU and NUMA pinning	
					Hack for the Planet							
14:00				Decentralized Authentication					Frisbee: An advanced suite for the automated testing of cloud apps over Kubernetes		Network interface hotplug for Kubernetes	Open Source Data with Ceramic
14:15												
14:30					Keeping old Unix/Linux up-to-date with pkgsrc						The story of adding TPM support to oVirt	i3-Market Self Sovereign Identity Authentication
14:45				Keeping the past to preserve the future					LAVA + OpenQA = Automated, Continuous Full System Testing			
15:00											Deploying VMs and Containers across Infrastructure Providers	Scaffold a Holochain App in 10 minutes
15:15				Radically simple testing in Raku								
15:30					AOSC OS/Retro - An Introduction						Phyllome OS	Building Web3's Video Infrastructure Layer
15:45				GitHub Actions (in|for) Raku					Oniro CI/Testing integration with LAVA			
16:00					Old Web Today: Keeping Flash (and other) Retro Web Sites Accessible on the modern web				How (not) to make a mockery of trust			Mixing Peer to Peer Protocols on the Web
16:15											Hardware-accelerated graphics in secure multi-tenant environments	
									Fuzzing, or How I Generated 1,000,000 New Emulator Test Cases…			
16:30				Raku Steering Council Q&A Panel	FrogFind and 68k News							The Peoples' Web3
16:45									History of Testing			
									5 OpenSource Test Automation tools in 45 minutes!			
17:00					A Brief History of Spreadsheets							Introduction to Neighbourhoods
17:15											Tracing KubeVirt traffic with Istio	
17:30												Scaling a Decentralized Metaverse in Browser without Data Leaks
17:45												
18:00												

	S.box86	S.checkmk	S.civicrm	S.opensuse	S.debian	S.eclipse	S.fedora	S.foreman	S.fossasia	S.fsfe	S.freebsd	S.gnome
13:45												
14:00												
14:15												
14:30												
14:45												
15:00												
15:15												
15:30												
15:45												
16:00												
16:15												
16:30												
16:45												
17:00												
17:15												
17:30												
17:45												
18:00												

	S.gsoc	S.haiku	S.illumos	S.kde	S.kiwi	S.libreoffice	S.libresoc	S.mariadb	S.matrix	S.mautic	S.nextcloud	S.ntop
13:45				↳ KDE Eco								
14:00												
14:15												
14:30												
14:45												
15:00												
15:15												
15:30												
15:45												
16:00												
16:15												
16:30												
16:45												
17:00												
17:15												
17:30												
17:45												
18:00												

	S.oniro	S.onlyoffice	S.openmandriva	S.opentap	S.openuk	S.openwifi	S.ow2	S.pharo	S.postgresql	S.pulp	S.reactos	S.refpersys
13:45												
14:00												
14:15												
14:30												
14:45												
15:00												
15:15												
15:30												
15:45												
16:00												
16:15												
16:30												
16:45												
17:00												
17:15												
17:30												
17:45												
18:00												

	S.schulfrei	S.apache	S.ubuntu	S.xcpng	S.xwiki	I.infodesk
13:45						↳ The Virtual FOSDEM Infodesk (Saturday)
14:00						
14:15						
14:30						
14:45						
15:00						
15:15						
15:30						
15:45						
16:00						
16:15						
16:30						
16:45						
17:00						
17:15						
17:30						
17:45						
18:00						

Time	K.fosdem	M.community	M.misc	M.rtc	M.security	M.test	L.lightningtalks	B.bofs	D.ada	D.apache-openoffice	D.bsd	D.collab
09:00												
09:15												
09:30												
09:45												
10:00			All the World's a Stage and FOSS is playing many parts		Seamless Kernel Update				Introduction to the Ada DevRoom		Welcome to the BSD devroom	
10:15									Introduction to Ada for Beginning and Experienced Programmers		Firmware updates for OPNsense and pfSense with fwupd/LVFS	
10:30												
10:45												
11:00			The Business Of Open Source		secPaver: Security Policy Development Tool							
11:15									Ada Looks Good, Now Program a Game Without Knowing Anything			
11:30												
11:45									The Ada Numerics Model			
12:00			European digital sovereignty and open source		Why safe programming matters and why Rust							
12:15									2022 Alire Update			
12:30												
12:45									SweetAda			
13:00					The distinctive qualities of Software Bill of Materials		Open source to IRL whale card game (python/Golang/WebGL)					
13:15							NetOTA - repository protocol for embedded systems		Use (and Abuse?) of Ada 2022 Features in Designing a JSON-like Data Structure			
13:30		Establishing an incentivised partners programme in an open so...										
							Rapid Prototyping of ...					

Time	D.cad	D.conference	D.containers	D.cicd	D.dart-flutter	D.minimalistic	D.distributions	D.embedded	D.emulator	D.mobile	D.radio	D.openjdk
09:00												
09:15												
09:30												
09:45												
10:00			Boot2container: An initramfs for reproducible infrastructures	Interoperability in the Continuous Delivery space with CDEvents		Declarative and Minimalistic Computing	Unify your distributions		Testing Macromedia director in ScummVM			Fundamentals Of Diversity & Inclusion For Technologists
10:15						The manifold joys of metaprogramming				Running Mainline Linux on Snapdragon 410		
10:30			Debugging in containers	How to improve the developer experience in Heptapod/GitLab			All's well that tests well					
10:45						A year of RISC-V adventures: embracing chaos in your software journey			Z80: the last secrets			OpenJFX: An Update on Java on the Client
11:00				Decentralized DevOps with Unfurl			Modding the Immutable – how to extend Flatcar, an immutable image-based OS			Portable Parens: Graphical Lisp programs for mobile devices		
11:15			Devfile file format			How to design powerful DSLs for users						AI Pathfinding In FXGL Game Engine
11:30			Distributed Storage in the Cloud	Git Credentials binding for sh, bat, and powershell			Securing and Hardening a container host		CANCELLED Debugging Strategies for Emulator Developers			
11:45						Declare All Your Needs						
12:00				CICD using jenkins and Nomad					PlayStation 3 Emulation ⤵	From Android to mainline on the Snapdragon 845		Update On Java On The Raspberry Pi
12:15			Extending Kubernetes with WebAssembly			GNU Guix behind the scene						
12:30			Freedom Means That Kubernetes Needs To Disappear				How The Distro Needs Change to Help FOSS on Embedded Linux					
12:45				Leveraging Windows Containers in Your Kubernetes-Native CI/CD Pipelines		Designing a programming language for the desert						Benefits Of MQTT For IoT Apps And Beyond
13:00			Harbor - The Container Registry					Eclipse Amlen: Messaging for IoT/Web/Mobile		Linux Mobile vs. The Social Dilemma	Welcome to the Free Software Radio Devroo...	
13:15		Jakarta EE: Present & Future ⤵				From tinyscheme to tr7					Opensource WiFi chip (openwifi) progress and future plan	
13:30			How I learned to stop worrying and love F...	Massive Unikernel Matrices with Unikraft,...		Fuzion Language Update ⤵	Eclipse Oniro: A production OS ⤵	Oniro Blueprints for IoT devices ⤵			Implementing a GNU Ra...	

Time	D.geospatial	D.go	D.graphics	D.trusted-hardware	D.hpc	D.infra	D.javascript	D.kotlin	D.legal	D.open-hardware	D.libreoffice	D.llvm
09:00												
09:15												
09:30												
09:45												
10:00			LVGL: A versatile UI toolkit for MCU & CPU		HPC for Social & Crime Science			Kotlin DevRoom Welcoming Remarks		corundum	LibreOffice 7.3 New Features	
								The State of Kotlin				
10:15												
10:30	Introducing a new JS+WebGL map library				SCIP: scalable cytometry image processing using Dask in a high performance computing environment					Coriolis RTL-to-GDSII Toolchain	Improving Developer Experience at LibreOffice	
10:45								Advanced multi-platform dependency injection with Kotlin				
11:00					Distributed Join Algorithms in CrateDB						Towards an Operational Code Aesthetics	
11:15	Explore OSM data with ARLAS							The beauty of Kotlin typing system		Bring openwifi to PYNQ-Z1 with ultra low cost		
11:30					Multidimensional Bloom Filters						Curl based HTTP/WebDAV UCP	
11:45								Code-first process modeling and analysis with kalasim		Writing GTKWave documents, with style		
12:00	Open Geodata Digital Spaces		The status of turnip driver development.		Utilizing AMD GPUs: Tuning, programming models, and roadmap						Editing Simulation	
12:15							JavaScript welcome session - day #2	Kotlin + Maths		nMigen HDL		
12:30	Fast, robust predicates for geometric algorithms						React				Improved coverage analysis for LibreOffice's CI	
12:45								Kotlin, CLIs and StarWars!				
13:00			v3dv: Status Update for Open Source Vulkan Driver for Raspberry Pi 4 ⤵				Writing less insecure JavaScript ⤵				LibreOfficeKit recent developments	
13:15	A Better Public Transport App							KSP and Plugins. Optimizing Kotlin Multiplatform common code				
13:30											LibreOffice GTK4 Port ⤵	
	Spatial query of coor...							DataClassGenerate. Sh...				

	D.mariadb	D.matrix	D.microkernel	D.monitoring	D.mozilla	D.mysql	D.network	D.nim	D.research	D.design	D.firmware	D.openpower
09:00												
09:15												
09:30												
09:45												
10:00		The Matrix State of the Union		Monitoring and Observability devroom: Ope...		Flame Graphs for MySQL DBAs						
10:15				Adopting OpenTelemetry and its collector								
10:30		The next generation of Matrix interfaces				The relational model in the modern development age						
10:45		Opsdroid		Bootstrapping a multi dc cloud native observability stack								
11:00						ProxySQL Cluster: challenges and solutions to synchronizeconfiguratio nacross multiple decentralized c...						
11:15		Events for the Uninitiated										
11:30				Introduction to Continuous Profiling using Pyroscope		Percona XtraDB Cluster(PXC) Non blocking operations, what you need to know to avoid pitfalls						
11:45		Making /sync go fast										
12:00						MySQL InnoDB ClusterSet						
12:15		The matrix-rust-sdk										
12:30												
12:45												
13:00				Monitoring Kafka without instrumentation using eBPF		MySQL on Kubernetes demystified	Network Traffic Classification for Cybersecurity and Monitoring					
		Building an MMO brows...								How do we design open source communities to be more diverse, equitable, and inclusive? ↴		
13:15		ChatStat - An R packa...										
		Cinny										
		Collaborative Apps ov...										
13:30		Create a DIY photofra...				MySQL Operator for Kubernetes ↴	Why rule-based monitoring is (still) great ↴					
		Custom Stickers and E...										
		Decentralized Collabo...		Periskop: Exception M...								

	D.postgresql	D.public-code	D.python	D.raku	D.retro	D.safety	D.dependency	D.sds	D.testing	D.valgrind	D.virtualization	D.web3
09:00												
09:15												
09:30												
09:45												
10:00	Solving the knapsack problem with recursive queries and PostgreSQL		Get to know Apache Kafka with Jupyter Notebooks				Devroom introduction	Migrate to Ceph-CSI				Peergos - Combining peer-to-peer connectivity, end-to-end encryption and fine grained access control to build a secure an...
10:15		Welcome to the Public Code devroom					Package URL and Version range spec					
							How OSPOs can help secure the software supply chain					
10:30		Joint open source development in cross-border context	Introducing Asynchronous SQLAlchemy					Introducing Garage, a new storage platform for self-hosted geo-distributed clusters				Āhau: Māori Identity & Data Sovereignty
10:45							Developing an open source license compliance project : our trials, tribulations a...					
11:00	JSON in PostgreSQL - Learning with a case study	Developers Italia, four years later	Handling Concurrency in Web Application				How to manage OSS license obligations and SBoM by SW360's new features	Data Replication and Migration from Ceph RGW to Cloud				WASM for dummies
11:15							Panel 1: Processing Dependencies and Compositions and Software					
11:30		Lessons from the Danish OS2	Sleep better with type-safe Python					COSI : a brief update				AquaVM: Empowering distributed systems with Fluence
11:45												
12:00	How to create (lots!) of sample time-series data with PostgreSQL generate_series()						Break					xHumanity and Web3
12:15		PublicCode.yml - index all public software!					Scanning for known vulnerabilities in an embedded distribution					
12:30	Future Postgres Challenges											Commoditizing P2P development
12:45							Reporting vulnerabilities within a complex software environment					
13:00	PostgreSQL Distributed & Secure Database Ecosystem Building	We listed +9000 public code repositories. Now what?	Messing with unicode				Commoditising Open Source Risk Management					Earthstar
13:15							Panel 2: Dependencies for Vulnerability Discovery and Tracking ↵					
13:30	Automatically refresh materialized views in PostgreSQL ↵	Beware of culture										Edges Are Infrastructure: IPFS Everywhere for a More Resilien...

	S.box86	S.checkmk	S.civicrm	S.opensuse	S.debian	S.eclipse	S.fedora	S.foreman	S.fossasia	S.fsfe	S.freebsd	S.gnome
09:00												
09:15												
09:30												
09:45												
10:00												
10:15												
10:30												
10:45												
11:00												
11:15												
11:30												
11:45												
12:00												
12:15												
12:30												
12:45												
13:00												
13:15												
13:30												

	S.gsoc	S.haiku	S.illumos	S.kde	S.kiwi	S.libreoffice	S.libresoc	S.mariadb	S.matrix	S.mautic	S.nextcloud	S.ntop
09:00												
09:15												
09:30												
09:45												
10:00				KDE News								
10:15												
10:30				Plasma 5.24 tour								
10:45												
11:00												
11:15												
11:30												
11:45												
12:00				Live coding session with Tokodon								
12:15												
12:30												
12:45												
13:00												
13:15												
13:30												

	S.oniro	S.onlyoffice	S.openmandriva	S.opentap	S.openuk	S.openwifi	S.ow2	S.pharo	S.postgresql	S.pulp	S.reactos	S.refpersys
09:00												
09:15												
09:30												
09:45												
10:00												
10:15												
10:30												
10:45												
11:00												
11:15												
11:30												
11:45												
12:00												
12:15												
12:30												
12:45												
13:00												
13:15												
13:30												

	S.schulfrei	S.apache	S.ubuntu	S.xcpng	S.xwiki	I.infodesk
09:00						The Virtual FOSDEM Infodesk (Sunday) ⤵
09:15						
09:30						
09:45						
10:00						
10:15						
10:30						
10:45						
11:00						
11:15						
11:30						
11:45						
12:00						
12:15						
12:30						
12:45						
13:00						
13:15						
13:30						

	K.fosdem	M.community	M.misc	M.rtc	M.security	M.test	L.lightningtalks	B.bofs	D.ada	D.apache-openoffice	D.bsd	D.collab
13:45		↳ Establishing an incentivised partners programme in an open source project					↳ Rapid Prototyping of a Positioning System		Getting Started with AdaWebPack			
14:00					Trousseau - the Kubernetes Key Management Service provider		Car Whispering: the AI Mechanic					
14:15									Overview of Ada GUI			
14:30		Celebrating failure or success? Why not both?					Oniro project, the new IoT platform from Eclipse Foundation					
14:45							Manage workloads on disconnected far edge		SPARKNaCl: A Verified, Fast Re-implementation of TweetNaCl			
15:00			Debunking The Myths About The Raku® Language		What I wish I knew about security when I started programming		A lightning intro to re-lsearch					
15:15							luox					
15:30		How Implicit Bias Affects Diversity and Inclusion in Open Source.					aretext: minimalist text editor with vim-compatible key bindings					
15:45									The Outsider's Guide to Ada			
16:00					Secure Communication with Tls							
16:15		Are we being inclusive with our community recognitions?										
16:30									Proving the Correctness of GNAT Light Runtime Library			
16:45												
17:00		Enabling Next Gen of Diverse Maintainers and Employees Through Mentorship			Sudo				Implementing a Build Manager in Ada			
17:15												
17:30									Exporting Ada Software to Python and Julia			
17:45												
18:00	Closing FOSDEM 2022								Closing of the Ada De...			
18:15												

Time	D.cad	D.conference	D.containers	D.cicd	D.dart-flutter	D.minimalistic	D.distributions	D.embedded	D.emulator	D.mobile	D.radio	D.openjdk
13:45			↳ How I learned to stop worrying and love Flatcar's auto-update	↳ Massive Unikernel Matrices with Unikraft, Concourse and More		↳ Fuzion Language Update	↳ Eclipse Oniro: A production OS	↳ Oniro Blueprints for IoT devices	↳ PlayStation 3 Emulation	ModemManager in your phone	↳ Implementing a GNU Radio/LiteX accelerator using a FPGA-bas...	↳ Jakarta EE: Present & Future
14:00				Masking known issues across six kernel CI systems		Adventures in Dataflow		Astarte: from data collection to fleet management	Fuzzing, or How I Generated 1,000,000 New Processor Test Cases in an Afternoon		Emitting Hellschreiber from a Raspberry Pi GPIO: combining gr-hellschreiber with gr-rpitx	Deep Learning for Java Developers
14:15			A cloud native Kubernetes Global Balancer				Build and release tools tailored to building, releasing and maintaining Linux distributions and forks					
14:30				Multi-master scaling for MariaDB Buildbot		Knowledge Management Through Minimal Syntaxes			SquirrelJME, Java Flip Phone Emulation		gr-ofdmradar: OFDM Radar in GNU Radio	
14:45			P2P Container Image Distribution on IPFS With Containerd and Nerdctl							Welcome to Libadwaita		Faster Apache Maven Builds
15:00				OpenTelemetry and CI/CD		Lisp, but Beautiful; Lisp for Everyone	CentOS Stream: stable and continuous	Running an OpenThread Mesh Network with Linux and Zephyr			Voyager 1 adventures	
15:15			Redpak: Ultra light weight container for embedded systems									
15:30								Towards UN R155 compliance with open source stack	Static and Dynamic Analysis for Automatic Emulator Configuration	Anatomy of GNOME Calls	GR 3.10	Modern Web Apps, 100% Java: Building Web Apps With Vaadin
			Solutions for running MySQL in Kubernetes	Porion a new Build Manager								
15:45						Spritely Goblins comes to Guile	DOs and DON'Ts when building a Yocto based distribution					
16:00								Why Embedded Linux Needs a Container Manager Written in C		Phosh Contributors Get Together	Introducing the M17 Project	Polyglot Cloud Native Debugger: Going Beyond APM
16:15			Userland TCP/IP stack for external container connectivity				Chimera Linux				P2P SDR to GPU Streaming with Julia and LiteX	
16:30						Concise Common Workflow Language		Over-the-air (OTA) software updates with NVIDIA Jetson	A Venix/86 emulator	Closing session		
			What made your container fat?	Using Kubernetes API To Manage Everything								
16:45												Releasing Fast, Easy, and Consistently
17:00			An easy and elegant way to manage and build your notebook images	Unifying Infrastructure and Application Delivery Using Keptn		A Relational Exploration of McCarthy's 'Amb'	Collaboration instead of Competition					
17:15			From Singularity to Apptainer						FEX-Emu: Fast(-er) x86 emulation for AArch64			
17:30												An Infallible Process to Fix Production Java Apps
17:45						Why everyone needs to know some coding: last-mile sandboxing						
18:00												
18:15												

	D.geospatial	D.go	D.graphics	D.trusted-hardware	D.hpc	D.infra	D.javascript	D.kotlin	D.legal	D.open-hardware	D.libreoffice	D.llvm
13:45	↳ Spatial query of coordinate reference systems and its integration with GRASS GIS		↳ v3dv: Status Update for Open Source Vulkan Driver for Raspb…				↳ Writing less insecure JavaScript	↳ DataClassGenerate. Shrinking Kotlin data classes		Efabless Open ASICs	↳ LibreOffice GTK4 Port	
14:00							Somebody set up us the bomb				Online performance	
14:15								Mocking without reflection for Kotlin/Multiplatform				
14:30							Shedding Light on the Shadow DOM			Using LibreSilicon	LOWA - LibreOffice WebAssembly	
14:45								From Mobile to Backend with Kotlin and Ktor				
15:00			Fun with border colors in Vulkan		Exascale PMI on a heterogeneous sub-exascale Slurm cluster		Building a tiny JavaScript runtime with QuickJS				Building Collabora Online UI based on the LibreOffice components	
15:15								Navigating between Composables				
15:30					Porting Signal processing algorithms to CuPy for precision measurement		From microrepos to monorepo: thrilling adventures in refactoring				Collabora Online on kubernetes	
15:45								Not only Python: Kotlin for scripts				
16:00			Optimal buffer allocation on Wayland		PIRA: Performance Instrumentation Refinement Automation		Web Application Localization Without Tears				Collabora Online: Async-Saving Design and Testing	
16:15								Gradle: a deeper look at the Kotlin DSL				
16:30			WOODS				Symbols Symbols everywhere				Things you can test in a UITest	
16:45								Live-coding a web server with Ktor				
17:00					Bringing together open source scientific software development for HPC and beginners		micro-lc: a new micro-frontend orchestrator				Macro Dialog feature	
17:15								Refactoring Gilded Rose Kata			News from the ODF Toolkit	
17:30					Open source tooling in High-Energy Physics Software							
17:45												
18:00												
18:15												

	D.mariadb	D.matrix	D.microkernel	D.monitoring	D.mozilla	D.mysql	D.network	D.nim	D.research	D.design	D.firmware	D.openpower
13:45		FluffyChat		↳ Periskop: Exception Monitoring at Scale		↳ MySQL Operator for Kubernetes	↳ Why rule-based monitoring is (still) great			↳ How do we design open source communitie...		
		Matrix for Command an...										
		Matrix for Worker Pow...										
14:00							Peer-to-peer hole punching without centralized infrastructure					
14:15		Ansible + Matrix: Through The Looking Glass		Profiling in the cloud-native era			Keep appetite for the stats, it costs nothing					
14:30						Newest MySQL component services features						
14:45		All things with moderation					Faster memory reclamation with DPDK RCU					
15:00							BGP/OSPF with VPP at >100Mpps					
15:15		Growing Pinecones for P2P Matrix				MySQL 8.0: Logical Backups, Snapshots and PITR like a rockstar						
15:30							Predictable Network Traffic in Kubernetes					
15:45		Self-sovereign end-to-end encrypted file storage on Matrix		Unikraft Performance Monitoring with Prometheus								
16:00						Why your backup strategy is wrong?	Contour - Kubernetes Ingress Controller and much more 101					
16:15		Mission: threading for all		What More Can I Learn From My OpenTelemetry Traces?		Efficient MySQL Performance						
16:30							Kubernetes networking : is there a cheetah within your Calico?					
16:45		Beyond the Matrix: Extend the capabilities of your Synapse homeserver										
17:00						MySQL Performance on Modern CPU: Intel vs AMD vs ARM	Challenges and Opportunities in Performance Benchmarking of Service Mesh for the Edge					
17:15		MLS meets Matrix										
17:30						Release Note Highlights from 2021	2-cluster Kubernetes, with Calico, BGP Interconnect and WireGuard... All Without Leaving Your Laptop!					
17:45		Native Group VoIP and Metaverse on Matrix										
18:00												
18:15												

	D.postgresql	D.public-code	D.python	D.raku	D.retro	D.safety	D.dependency	D.sds	D.testing	D.valgrind	D.virtualization	D.web3
13:45	↳ Automatically refresh materialized views in PostgreSQL	Decidim					↳ Panel 2: Dependencies for Vulnerability Discovery and Track...					↳ Edges Are Infrastructure: IPFS Everywhe...
14:00	Working effectively with (-support-) the community						Lunch Break					The Quark Browser
14:15							Generating SBOM for your code using OSS Review Toolkit			Upstreaming the FreeBSD Port		
14:30			SPyQL - SQL with Python in the middle									Swarm, what's in it for me?
14:45		Bluetooth beyond Digital Contact Tracing					SBOM Resolver - Generating detailed SBOMs for Alpine					
15:00	Exploring Linux Memory Usage and IO Performance for Cloud Native Databases						FASTEN: Fine-Grained Analysis of Software Ecosystems as Networks					State of libp2p
15:15							Panel 3: Creating SBOMs			Enable AVX-512 instructions in Valgrind		
15:30		AlekSIS, the Free School Information System										Hyper Hyper Space: In-browser p2p applications
15:45										Valgrind and debuginfo		
16:00	Slow things down to make them go faster		Mimics - Records operations to replay them later									Collabortive group self-awareness with Where, a Holochain app
16:15							On Backporting Practices in Package Dependency Networks					
16:30		Implementing and managing feature flags								Valgrind on RISC-V		Verifiable Credentials and Decentralized Identifiers with DIDKit
16:45		EducaMadrid, the Free and Educational Technology Platform of ...					Operationalize SBOM with OWASP Dependency-Track					
17:00	Lesser Known PostgreSQL Features	Open Source Policy	CubicWeb: bootstraping a web-application from RDF data				Tracking Software Dependencies			Adding Power ISA 3.1 instruction support to Valgrind		Building Interoperable Applications with Solid in 2022
17:15							Panel 4: Software Compositions and Dependency Tools					
17:30		Closing of the Public Code devroom								20 years of Valgrind		How to build a free and open cloud
17:45												
18:00												
18:15												

	S.box86	S.checkmk	S.civicrm	S.opensuse	S.debian	S.eclipse	S.fedora	S.foreman	S.fossasia	S.fsfe	S.freebsd	S.gnome
13:45												
14:00												
14:15												
14:30												
14:45												
15:00												
15:15												
15:30												
15:45												
16:00												
16:15												
16:30												
16:45												
17:00												
17:15												
17:30												
17:45												
18:00												
18:15												

	S.gsoc	S.haiku	S.illumos	S.kde	S.kiwi	S.libreoffice	S.libresoc	S.mariadb	S.matrix	S.mautic	S.nextcloud	S.ntop
13:45												
14:00												
14:15												
14:30												
14:45												
15:00												
15:15												
15:30												
15:45												
16:00												
16:15												
16:30												
16:45												
17:00												
17:15												
17:30												
17:45												
18:00												
18:15												

	S.oniro	S.onlyoffice	S.openmandriva	S.opentap	S.openuk	S.openwifi	S.ow2	S.pharo	S.postgresql	S.pulp	S.reactos	S.refpersys
13:45												
14:00												
14:15												
14:30												
14:45												
15:00												
15:15												
15:30												
15:45												
16:00												
16:15												
16:30												
16:45												
17:00												
17:15												
17:30												
17:45												
18:00												
18:15												

	S.schulfrei	S.apache	S.ubuntu	S.xcpng	S.xwiki	I.infodesk
13:45						↳ The Virtual FOSDEM Infodesk (Sunday)
14:00						
14:15						
14:30						
14:45						
15:00						
15:15						
15:30						
15:45						
16:00						
16:15						
16:30						
16:45						
17:00						
17:15						
17:30						
17:45						
18:00						
18:15						

	K.fosdem	M.community	M.misc	M.rtc	M.security	M.test	L.lightningtalks	B.bofs	D.ada	D.apache-openoffice	D.bsd	D.collab
18:30												

	D.cad	D.conference	D.containers	D.cicd	D.dart-flutter	D.minimalistic	D.distributions	D.embedded	D.emulator	D.mobile	D.radio	D.openjdk
18:30												

	D.geospatial	D.go	D.graphics	D.trusted-hardware	D.hpc	D.infra	D.javascript	D.kotlin	D.legal	D.open-hardware	D.libreoffice	D.llvm
18:30												

	D.mariadb	D.matrix	D.microkernel	D.monitoring	D.mozilla	D.mysql	D.network	D.nim	D.research	D.design	D.firmware	D.openpower
18:30												

	D.postgresql	D.public-code	D.python	D.raku	D.retro	D.safety	D.dependency	D.sds	D.testing	D.valgrind	D.virtualization	D.web3
18:30												

	S.box86	S.checkmk	S.civicrm	S.opensuse	S.debian	S.eclipse	S.fedora	S.foreman	S.fossasia	S.fsfe	S.freebsd	S.gnome
18:30												

	S.gsoc	S.haiku	S.illumos	S.kde	S.kiwi	S.libreoffice	S.libresoc	S.mariadb	S.matrix	S.mautic	S.nextcloud	S.ntop
18:30												

	S.oniro	S.onlyoffice	S.openmandriva	S.opentap	S.openuk	S.openwifi	S.ow2	S.pharo	S.postgresql	S.pulp	S.reactos	S.refpersys
18:30												

	S.schulfrei	S.apache	S.ubuntu	S.xcpng	S.xwiki	I.infodesk
18:30						