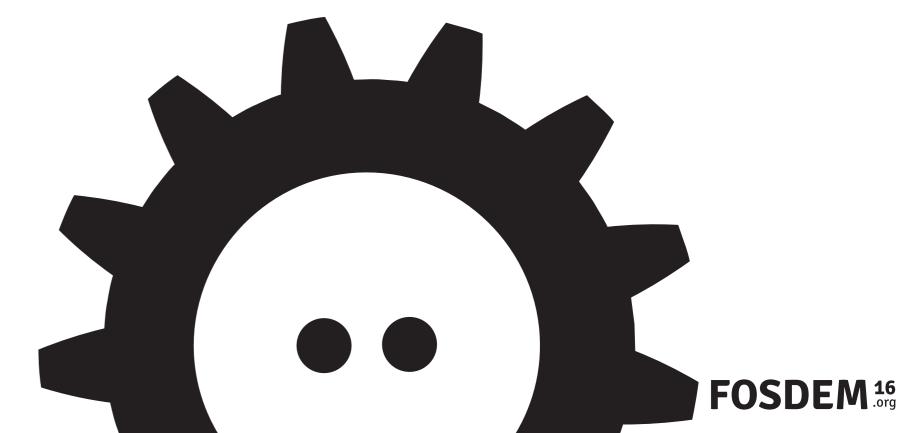


BRUSSELS 30 JANUARY - 31 JANUARY

SUNDAY



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	09:00 - 10.00		10:00 - 11.0	00		11:00 - 12.00			12:00 - 13.0	00
Janson Main Tracks		Re-thinking Li Langdon Whit 10:00 - 10:50		ions	Beyond reproducible builds Holger Levsen Dan McDonald 11:00 - 11:50 12:00 - 12:50					
K.1.105 Main Tracks		Free commun Software. Daniel Pococ 10:00 - 10:50		Free		oguez	ork for	Mainflux Drasko Dra: 12:00 - 12:50		
H.2215 Light- ning Talks		A New Patchwork Stephen Finucane 10:00 - 10:15	Buildtime Trend: visualise what's trending in your build process Dieter Adriaens- sens 10:20 - 10:35	Learning about software development with Kibana dashboards J.M. Gonzalez-Barahona 10:40 - 10:55	coala - Code Analysis Made Simple - Lasse Schuir- mann 11:00 - 11:15	How choosing the Raft consensus algorithm saved us 3 months of development time Robert Wojciechowski 11:20 - 11:35	Keeping your files safe in the post- Snowden era with SXFS Robert Wojciech- owski 11:40 - 11:55	Spiffing - Military grade security Dave Cridland 12:00 - 12:15	Layers Box. István Koren 12:20 - 12:35	FAI - The Universal Installa- tion Tool Thomas Lange 12:40 - 12:55
H.1301 Free Java		II L	Insights into th IDE open sourc Lars Vogel 10:20 - 10:50		Dotty, a next Scala compile Guillaume M 11:00 - 11:40	ler. Iartres		RetroPi Har Gaming Cor Stephen Ch 12:00 - 12:4!	nin	ry Pi
H.1302 Go	Minio - Amazon S3 alternative in Go. Anand Babu (AB) Periasamy 09:05 - 09:50	etcd: the cornerstone uted systems using G Jonathan Boulle 09:50 - 10:35		From prototype to Building a REST and using G. Luis Pabón 10:35 - 11:20				a pipelines.	gopy: extend C Sebastien Bine 12:15 - 13:00	Python with Go.
H.1308 PHP & Fri- ends		illel, asynchron spin)	nous PHP world	Profiling you Michael Hear 11:00 - 12:00				P messages in th n De Vreken 10	e wild	

SUNDAY 31 JANUARY - AFTERNOON

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FUSD	.org

	13:00 - 14.	.00		14:00 - 15.0	0		15:00 - 16.	.00		16:00 - 17.00	17:00 - 18.00		
MySQL	Storage Engi Matsunobu :50		API. Michael Kerrisk			The Future (ODF) Jos van der 15:00 - 15:5	n Oever	ocument	Scaling ar LibreOffic Michael N 16:00 - 16	Meeks	Putting 8 Million People on the Map Blake Girardot 16:00 - 16:50	Closing fosdem 2016 17:50 18:00	Janson Main Tracks
How containers work in Linux James Bottomley 13:00 - 13:50		Micro-datacenter with Raspberry Pi and Kubernetes. Ray Tsang 14:00 - 14:50			Live Migration of Virtual Machines From the Bottom Up. Amit Shah 15:00 - 15:50			Baobáxia Baobab T Carsten A 16:00 - 16	gger		1	K.1.105 Main Tracks	
Knot DNS Re- solver. Ondřej Surý 13:00 - 13:15	Pro- metheus - A Next Gener- ation Moni- toring System Brian Brazil 13:20 -	Going cross platform - how htop was made portable Hisham Muham- mad 13:40 - 13:55	Ralph - Data Center Asset Manage- ment System and DCIM, 100% Open Source Marcin Kliks 14:00 - 14:15	Parallels between GPL/ copy- rights and secure patent be- haviour Valer Mischen- ko 14:20 - 14:35	Snow-drift. coop - sus- tainable funding for FLO projects William Hale 14:40 - 14:55	The Unix history in a respository D. Spinellis 15:00 - 15:15	EU FOSSA Marek Przy- bysze- wski 15:20 - 15:35	OSCAR: Address the new challenges of open- source software quality Stéphane Laurière 15:40 -	Intro- duction to Aug- mented Reality Aure- lijus Banelis 16:00 - 16:15	FOSDEM infrastruc- ture review. Richard Hartmann 16:20 - 16:55			H.2215 Light- ning Talks
EP 243: ava-Level VM Compil nterface a vhat it can ised for). Therkels I. Thalinge 3:00 - 13:2	ler Ab nd in J be Ch Thosen 13:	otimizing ove the JVM JRuby 9000. arles Nutter omas Enebo :30 - 14:00	Mark	nd Java 9 Reinhold - 14:40	Cult Ope Mar Mar Dali	ption's Group ural Guide to nJDK io Torre tijn Verburg bor Topić 0 - 15:20	M Ge Jo	eet The Gover ark Reinhold , eorges Saab, D hn Duimovich :30 - 17:00	Andrew Hale	∍y,			H.1301 Free Java
Debuggir with Delv Derek Pa 13:00 - 13	rker	ams	Plugins a Kaushal I 14:00 - 14	M		ate of Go sc Campoy 15:30		Lightn Luna I 15:30 -					H.1302 Go
HTTP/2 for PHP developers Mattias Geniar 13:00 - 14:00 How to Migrate Anythin Gabriel Somoza 14:00 - 15:00		I ng with DDD		kola	o P and HHVM	PHP7 Derick Re 16:00 - 17				H.1308 PHP & Fri- ends			

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	09	9:00 - 10.00			10:00) - 11.00			11:00 -	12.00		12:	00 - 13.00	
H.1309 Post- greSQL						Tuning PostgreSQL for the TPC-DS test. Bert Desmet 11:00 - 11:50						Improving Postgres' Buffer Manager Andres Freund 12:00 - 12:50		
H.2113 Ruby	representati JRuby+Truffl Penoit Daloz 10:10 - 10:55					11:05 - 11:50						Writing concurrent libraries for all Ruby runtimes Petr Chalupa 12:00 - 12:45		
H.2214 Perl	The Pinnacle of Karl Moens 09:05 - 09:45	of Hubris.	Perl 6 Curtis 09:50	'Ovid' Poe - 10:30		RPerl, Perl 11, of Perl Perfor Will the Chill E 10:35 - 11:15	mance			d Mathematics acobsen 12:00		PONAPI Mickey Nasriach 12:05 - 12:35		ke Maki - 13:20
AW1.120 Open Game Develop- ment	3D everywhere with Babylon.js Raanan Weber Julian Chenard 09:00 - 09:25	The OctaFor 3D Game En Daniel Koles 09:30 - 09:5	gine sa	Arduboy feat. the Web: pocket-sized gamedev for everyone István Szmozsánszky 10:00 - 10:25		Drawing your game- play: paper & color based interaction. Roman Miletitch 10:30 - 10:55		The Bitbox Console Xavier Moulet 11:00 - 11:25		Blender as a generic tool Jonathan Giroux 11:30 - 11:55		RedMetrics - Da- ta-driver Game Design with Open Analytics Jesse Himmelstein 12:00 - 12:25	Open Game Hour. Jesse Himm R.Goujet 12:30 - 12:55	estein,
AW1.121 Geospa- tial		Automating your Analysis with SA GIS Johan Van de Wa 09:30 - 09:55	GA	Tempus - a framework for multimodal trip planning. Hugo Mercier 10:00 - 10:25		Mapbender3 Astrid Emde 10:30 - 10:55		Building a g aware OS Zeeshan Al (Khattak) 11:00 - 11:2	i	Results of Google Sum- mer of Code 2015 at OSGeo M.Di leo Anne Ghisla 11:30 - 11:55		100% open journey plan- ning. Tuukka Hastrup 12:00 - 12:25	Mapping wit phone. lya Zverev 12:30 - 12:55	
AW1.124 Coding for Lan- guage Commu- nities	Resources based mach Carlos Machado Francis Tyers		Apertium: A free based machine Francis Tyers 10:00 - 10:50				Continuous translation with Weblate Michal Čihař 11:00 - 11:50			10 easy steps to ruin your localization Dwayne Bailey 12:00 - 12:50				

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	13:00 - 14.00	14:00 - 1	15.00	15:00	0 - 16.00	16:00 -	17.00	17:00 - 18.00	
JSON By Exa Stefanie Jar 13:00 - 13:50	nine Stölting ri	xplaining the Post y Optimizer ruce Momjian 4:00 - 14:50	gres Que-	UPSERT use case Peter Geoghegar 15:00 - 15:50	1	Using PostgreSQL Bibliographic Data Jimmy Angelakos 16:00 - 16:50			H.1309 Post- greSQL
Ruby and C Charlie Gra 13:00 - 13:4	acie para 15 and Helio	aking Ruby GC Imeters for speed profit. o Cola 5 - 14:40			How to write Ru sions with Cryst Shcherbinina (g 15:35 - 16:20	al. Anna			H.2113 Ruby
	to Parsing JavaScript Perl program Jeffrey Goff Juan Julián ming for 13:25 - 14:05 Merelo 14:10 - 14:30 gramme		14:35 -	dead. Sav	at's new in Perl? vyer X 25 - 16:05	Perl 6 Elizabeth Mat 16:10 - 16:50	tijsen		H.2214 Perl
	Haxe: A language by gamedevs for gamedevs. David "Blackmagic" Elahee 13:30 - 13:55	Open tools for game design. Mourdjen Bari 14:00 - 14:25	Learning biology with a game. Raphael- Goujet 14:30 -14:55	Citizen science 2.0 Lars Kroll 15:00 -15:25	From gamers to tango dancers Franco Carbognani 15:30 -15:55	Ludobox Dcalk 16:00 -16:25	Free Knowledge Game Jam: Bringing Two Worlds Together Jens Ohlig Julia Schuetze 16:30 - 16:55		AW1.12 Open Game Develo
OSM + SRTM + WebGL = Flight Simulator Thomas Bremer 13:00 - 13:25	OL3-Cesium, 3D for OpenLayers Guillaume Beraudo 13:30 - 13:55	iTowns, an opensource web frame- work for 3D visualization Vincent Mora 14:00 - 14:25	Introduc- tion to MySQL GIS Norvald H. Ryeng 14:30 - 14:55	Managing Spatio-Tem- poral Big Data through Scal- able OGC Web Services Alex Dumitru 15:00 - 15:25	Geospatial and Me Norberto Leite 15:30 - 15:55	Trajectory: A novel geospatial data model of Pivotal GPDB Kuien Liu 16:00 - 16:25	Geocoding the World with open- addresses. io Ervin Ruci 16:30 - 16:50		AW1.12 Geosp tial
Coding the next genera- tion of ocali- sation tools Ryan Vorthey 13:00	Dictionaries For Feady use NLP tools for Digitally Under- language communities Represented Rodrigo Agerri Languages 14:00 - 14:50		ools for	Integrate spell a checking Sander van Gelo 15:00 - 15:50		Learn what you can do for your language Irene Russo 16:00 16:20	Increasing access to free and open knowledge for speakers of languages on Wikipedia Lucie-Aimée Kaffee		AW1.12 Cod- ing for Langua Comm

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	09:00 - 10.00					10:0	00 - 11.00				11:0	0 - 12.00			12:0	00 - 13.00
AW1.125 Soft- ware Defined Radio	Introduc- tion to the SDR Track M.Braun 09:00 09:10	The GNU dio Comp ion Chang Sebastian Koslowski 09:15 - 09:	an- gelog i	The GNU Radio Toolkit Martin Braun 09:45 09:55	Signal Intelligence Challeng- es Felix Wunsch 10:05 10:20	tir us Ar ch 10	uilding Self-Op- mizing Radios sing DEAP ndre Pus- nmann D:25	Radio Mach Learning wi FOSS Tim O'Shea 10:45 - 11:10	th	The rad Tobias Stefan 11:15 -	Schn Sec`	eider ` Zehl	Using Red Pitaya for I applicatior (from LF to Pavel Dem 11:45 - 12:1	ns HF) in O	SDR Track F Martin Bra 12:15 - 13:1	un
AW1.126 HPC, Big Data and Data Science	Sca lea Apa Vas	nkML: Large lle machine rning for ache Flink T. siloudis 05 - 09:30	MADlib: Di uted In-Da Machine L for Fun an F. McQuilla 09:30 - 09:	atabase earning d Profit an	Building open source with open source Nicolas Schiper 10:00 - 10:25		Automating Data Benchi ing for Diffe Architecture Nico Poggi 10:30 - 10:55	mark- rent es	creatir the-fly cluster	Hadoop s (and on HPC		Timely dataflov Rust. Frank McSherr 11:30 - 10:55	y Rep Con Mar Gui Scy Tax	roducible itrolled Pa nagement x -R.Wurn lla - R.Sha	ysis with Apache	OpenHPC: Com- munity Building Blocks for HPC Systems. Karl W. Schulz 12:30 - 12:55
K.3.201 LLVM Tool- chain	today?	s LLVM being (Scheller 19:40	used	WebAssem Dragons JF Bastien 09:45 - 10:2	bly: Here Be 5		An LLVM dever setup Arnaud A. de Grandmaiso 10:30 - 10:55	e on	to a no	g LLVM ew OS acke · 11:25	1	AAP: An Altruis Processor Edward Jones 11:30 - 11:55	tic	a LLV simu Simo	SIM: ementing 'M based lator. n Cook) - 12:25	Jancy Vladimir Gladkov 12:30 - 12:55
K.3.401 Graph- ics					An update on t Lucas Stach 10:00 - 10:50	he st	tate of etnaviv.	ı	Edua	n the Mes rdo Lima - 11:50	sa i96	5 backend.	Г	mark Stack Mart	nch, a tool to he cand bisect the c's performance in Peres) - 12:50	Graphics
K.4.201 Distri- butions					The State of Linux Distri- butions. Joe Brock- meier 10:00 - 10:20		Standardisir Dennis Gilm 10:30 - 11:15	ore	n armv	7.	9	Cockpit: Discov Stef Walter 11:30 - 12:20	verable Linu	ux Serv	ers	The Fedora Project By the Numbers. Remy De- Causemaker 12:30 - 12:50
K.4.401 Desk- tops		GNOME Build year of devel Christian Hei 09:10 - 09:40	opment gert	Panorama toolkits on François R 09:45 - 10:1	Haiku. evol	Nor	node as Deskto man Feske 20 - 11:10	p OS		Ras	e Enlig sterm :15 - 12		Wayland		Converged de experience. Christian Dyw 12:10 - 12:40	

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13:00 -	- 14.00		14:00 -	15.00			15:00 -	16.00			16:0	0 - 17.00		17:00 - 18.00	0	
Embedded Moritz Fiscl 13:15 - 13:4	her Marti 0 Braur	n	News fro OAI Com R.Knopp 14:15 - 14	munity	srsUE: A high-per mance so radio LTE Ismael G 14:45 - 15	oftware EUE omez	Prototypir 5G Air Inte in GNU Ra An FBMC F Milan Zivk 15:15 - 15:4	rface dio: rimer ovic	Synchroniztion in dist uted SDR f localizatio application J. Schmitz 15:45 - 16:0	or gi n gi ns to	passive	strate- n RADAR e wireless .M Friedt				AW1.125 Soft- ware Defined Radio
XALT: Tracking User Jobs and Environments on a Supercomputer Robert McLay 13:00 - 13:25	Multi-host container- ised HPC cluster C. Kniep 13:30 - 13:55	Parallel Inception Kyle Dun 14:00 - 14	ın	Using Hadoop a a SQL Da Warehou Lei Chang 14:30 - 14	ta se	ORCA: O Optimiz a Servic Addison 15:00 - 1	ation as line Huddy 5:25	Big Data I Data: an s nybrid rec transactio analytics William M 15:30 - 1	al-time onal and solution larkito	Apache F streamin done rigl Till Rohri 16:00 - 16	ng ht mann	Streaming Architecture Why Flow In- stead of Stat Tugdual Gral 16:30 - 16:55	e? I			AW1.126 HPC, Big Data and Data Science
Swift AlexDenisov	Using LLVM's LibFuzzer to Fuzz Post- greSQL Greg Stark 13:30 - 13:55	LLVM-ba namic da compilat heteroge targets. Sébastie 14:00 - 14	ataflow ion for eneous n Monot	Automai of perfo compilei code. Kristof B 14:30 - 1	rmance o r-genera Beyls	of	Sulong: F LLVM IR E tion on th Manuel R 15:15 - 15	xecu- ne JVM igger					_			K.3.201 LLVM Tool- chain
HDMI CEC: What? How? Hans Verkuil 13:00 - 13:50	Why?	for Nouv	Goede, Pi	erre		Simulat ing Soft Ian Rom 15:00 - 1		evelop- ardware		SVM on I Jesse Bar 16:00 - 16	rnes	aphics.				K.3.401 Graphics
The Universal System Description. Mauro Morales 13:00 - 13:20	The CentOS CI: A getting started guide. Dusty Mabe 13:30 - 13:50	dio: What's new and where we are head- ing. Jan	CoreOS: A Linux distribu- tion de- signed for application containers that scale. B. Har- rington 14:10 - 14:30	Free real-time communications for free softwar communities lain Learmonth 14:30 - 14:50	Come to the	e Distribu	s your topic itions au-	Woo	e of arm64 key 0 - 16:20			Wither EPEL? Karsten Wade 16:30 - 16:50				K.4.201 Distri- butions
Jonathan Le Riddell in 12:45 - de 13:15 In R.	ikiTo- earn: Bring- g aca- emia to the ternet era. Iaconelli 3:20 - 13:50	Supporting legacy application packages on Ubuntu Personal Stephen Web	Danie 14:20	oving Telep I Pocock - 15:00	pathy	version easy Stef B	backups a ons availab on - 15:35		Eolian: a matic EF ing gene and mor Daniel K 15:40 - 1	L bind- ration e olesa	GU CM Ste	abling Il tools for lake code ephen Kelly 15 - 16:45				K.4.401 Desk- tops

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	09:00 - 10.00	10:00	0 - 11.00		11:0	00 - 12.00		12:0	00 - 13.00		
K.4.601 BSD	EdgeBSD: Status report Pierre Pronchery 09:00 - 10:00	Interesting Thing Allan Jude 10:05 - 11:05	s You Can Do With ZFS		Contributing stack on Free Jean-Sébastie 11:10 - 11:55		Roger	FreeBSD/Xen update Roger Pau Monné, Wei Liu 12:00 - 13:00			
UA2.114 SDN and NFV		Routing: A view from my local topography on routing technology and Free Software. Paul Jakma 10:00 - 10:25	The n00b's guide to DPDK and OVS with DPDK. Mark D. Gray 10:30 - 10:55	An op distri for w swite B. Ve	nSwitch: pen source ibution thite box thes. rmeulen - 11:25	User Space Networking with ODP and/or DPDK Hemant Agrawal 11:30 - 11:55	Softwa plane	PDK and ire Data- Acceleration Traynor 12:25	ing the	Adesi	
UA2.220 Config- uration Manage- ment	After describing your infrastructure as code, reuse that to monitor it Arthur Lutz 09:00 - 09:50	Beyond config manag Marco Ceppi 10:00 - 10:50	gement	al E Wal	r Story: Puppe nterprise ter Heck 00 - 11:50	t in a Tradition-	Langu Eric So	ility and Powe lage orenson (ahpo - 12:50		t 4	
UB2.147 Cert.	LPI Exam Session 3 LPI Team 09:00 - 10:45			LPI	Exam Session Team 00 - 12:45	4					
UB2.252A Virtual- isation and laaS		Managing Ceph through Cinder using oVirt. Maor Lipchuk 10:00 - 10:25	Ceph Rados Gateway overview Orit Wasserman 10:30 - 11:10		oVirt - let Martin Si 11:15 - 11:			Containers Virtualizatio Joe Brockm 12:15 - 12:40	on. eier	Advanced Manage- ment for laaS and Container F.Simoncel 12:45 - 13:25	
UD2.120 Embed- ded, Mobile and Auto- motive		Yocto and IoT - a i Maciej Borzecki 10:05 - 10:55	retrospective	con Yoc Phil	v to support T nected device to project Coval 00 - 10:50		HTML tions f motiv Manu Bachn	-	Cutebo Carste 12:30 -	n Munk	
UD2.218A Legal and Policy Issues	A discussion with Richard Stallman Tom Marble / Richard Stallman 09:00 - 09:50	Software Patents v3.0: the Unitary Patent Court. Benjamin Henrion 10:00 - 10:25	A Decade of Dual Licensing: Lessons Learned and Questions Remains Perry Ismangil 10:30 - 10:55	Tal	The Hackable Brand Tal Niv 11:00 - 11:50		Open source foundations menace? Richard Fontana 12:00 - 12:50		ations: thre	at or	

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13:0	0 - 14.00		14	:00 - 15.00	15:00 -	16.00	16:0	0 - 17.00	17:00 - 18.00		
Could Haiku ever become a BSD? François Revol 13:05 - 13:40		FreeBSD Bernard	•		Getting a reproduc- of the door	packages. Baptiste Dar	Reproducible builds in FreeBSD packages. Baptiste Daroussin 15:40 - 16:40				
Challenges in Distributed SDN Duarte Nunes 13:00 - 13:25	The Moor Packet Ge ator. Paul Emmerich 13:30 - 13	ener-	Clearwa- ter: Open- Source IMS Core for the Cloud Rob Day 14:00 - 14:25	Experiences with OpenDaylight Service Function Chaining (SFC) Ronald van der Pol 14:30 - 14:55	Avoid the maze of container networking Ilya Dmitrichenko 15:00 - 15:25	OpenSIPS 2.1 as edge proxy Razvan Crainea Razvan Crainea 15:30 - 15:55	Using Project Calico to net- work containers Neil Jerram 16:00 - 16:25	Adapting open- source NMS to an SDN reality Jeff Gehlbach 16:30 - 16:55		UA2.11 SDN and NF	
Hardening Your agement Peter Souter 13:00 - 13:50	Config Man	-	Literate Devo ration Manag Marc Hoffman 14:00 - 14:50		Managing a compl environment Stephan Gorget 15:00 - 15:50	ex DNS	Config Manager Containers lazypower 16:00 - 16:50	ment and		UA2.22 Configuration Manag	
LibreOffice Exa					LibreOffice Exam S	Session 3				UB2.14	
LibreOffice Tear 13:00 - 15:00	"				LibreOffice Team 15:00 - 17:00					Cert.	
		on	rk- Stac serv proc Rosa	uating Open- k Containers as a ice Magnum for luction ario Di Somma 5 - 14:55	sioning ii organiza	Valalikova	Raiders of the lost test- ing env David Caro 16:00 - 16:25	Oh, My! Oh-My-Va- grant (with live dem- os!) James Shubin 16:30 - 16:55		UB2.2 Virtua tion ar laaS	
	lacking on the Fairphone 2 kernelci.org: The Upstream ees Jongenburger Linux Kernel Validation		/alidation	GNU/Linux for Safe Systems Nicholas Mc Guire 15:00 - 15:50		Developing embedded JavaScript engine, V7 S.Lyubka 16:00 - 16:25	Running the Processing environ- ment on ARM SBCs G.Haider		UD2.12 Embed ded, Mobile and Au motive		
A community take on the license compliance industry S. Zacchiroli 13:00 - 13:25	License is Safe-Codes of con-		Who's afraid of the James Bottomley 15:00 - 15:50			Pick a peck of license pickers John Sullivan 16:00 - 16:50					
			PGP Keysignir 14:00 - 16:00	ng 						UD2. Corric	

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