

Time	Given Name	Family Name	Type	Session Topic	Field	Abstract of talk or project
Friday March 13						
9:00 AM	Registration	of Participants		Opening		
9:30 AM	Hong Phuc / Mario	Dang / Behling	Welcome	Welcome	Open Technologies for the Smart City	FOSSASIA is an organization promoting and developing Open Technologies for social change in Asia. We are working with developers, students start-ups, and designers. Projects at FOSSASIA range from open hardware, to design, graphics and software. FOSSASIA was established in 2009.
	Harish	Pillay	Intro	Open Technologies in Singapore		Open Technologies in Singapore - from Open Source to Open Hardware and the Smart City.
9:40 AM	Bunnie	Huang	Talk	Novena and Open Hardware Development	Open Hardware and Makers	Novena is an open-source computing platform by Andrew "Bunnie" Huang and Sean "Xobs" Cross. It will be released by Kosagi and funded by a crowdfunding campaign which began on April 15, 2014. The launch offering is a 1.2 GHz Freescale quad-core ARM architecture computer closely coupled with a Xilinx FPGA. It is offered in "desktop", "laptop", or "heirloom laptop" form, or as a standalone motherboard.
10:00 PM	Mar	Canet	Talk	Soft Digital Fabrication	Open Hardware and Makers	The talk is about the role of knitting in the field of digital fabrication and its' potential. Fab Labs and makerspaces are a lot about hard-surface object production. At the same time, the 1st digital fabrication tool, which is an electronic knitting machine back to 1976, has been forgotten and discontinued. Hence, the presentation will give an over view on knitting machines development, especially from the perspective of open hardware and makers' culture.
10:20 AM	Stefan	Koehler	Talk	The Power Of Free: How LiMux serves 15.000	Open Source/Free Software	The LiMux project has gained worldwide attention in 2003 when the City Of Munich decided to replace Windows with a linux-based client. Today more than 15.000 clients run LiMux. LiMux heavily relies on popular FOSS components like (K)Ubuntu, LibreOffice or Firefox but also adds some self-made magic ingredients. This talk will shed some light on the techniques used and how they work together.
10:40 AM	Shout-Outs	William Hooi Veerappan Swaminathan	Shout-out	Amazing OpenTech from Singapore and around the World	Open Technologies for Singapore	What's going on in the Open Tech community in Singapore and around the world? Shout-outs that get us excited!
10:50 AM	Snack			Break		
11:05 AM	Colin	Charles	Keynote	MariaDB - State of the Base	Open Source/Free Software	MariaDB is a community-developed fork of the MySQL relational database management system intended to remain free under the GNU GPL. Being a fork of a leading open source software system, it is notable for being led by the original developers of MySQL. The intent is also to maintain high compatibility with MySQL, ensuring a "drop-in" replacement capability with library binary equivalency and exact matching with MySQL APIs and commands.
11:30 AM	Gen	Kanai	Keynote	Participation in Mozilla and How we achieve the Next Generation Open Web	Open Source/Free Software	Mozilla is a free software community which produces the Firefox web browser. The Mozilla community uses, develops, spreads and supports Mozilla products, thereby promoting exclusively free software and open standards, with only minor exceptions.
11:55 AM	Michael	Christen	Talk	Distributed Search and Open Index with Loklak	Open Search	Is loklak a search portal? No, this is a backend search- and storage-infrastructure for microblog-messages. Make your own search portal! loklak scrapes tweets from twitter html pages (more message sources to come). We+You collect and share tweets with a peer-to-peer network.
12:15 PM	Lunch			Break		
1:15 PM	Brian	Proffitt	Talk	Cutting Through The Container Hype	Open Source and Free Software	Virtualization was the next Big Thing. Then cloud. Now, containers are at the peak of hype, led by the excitement surrounding Docker and containers. Project Atomic hopes to temper innovation with better management and control, and it's not alone: CoreOS, Docker's suite of enterprise products, and most recently, Ubuntu's Ubuntu Core all hope to capture this market. But what is the market? Is container technology the best plan for DevOps and an increasingly cloud-oriented IT?
1:40 PM	Bernd	Erk	Talk	Open Source Monitoring with Icinga	DevOps	Most sys admins have a love-hate relationship with Icinga/Nagios based monitoring solutions. Utilitarian and backed by a sizable community, users have learned to live with shortcomings in scaling, configuration and integration with tools common to modern architecture. After tiring of fiddly hacks and convoluted configs, the Icinga team decided to build a new, accessible and flexible core. Icinga 2 was born – infinitely and easily scalable, even as a cluster-ready solution, with load balancing, automated replication and business process monitoring out of the box. The talk will introduce Icinga 2's innovative multi-threaded architecture and explain how it allows countless clusters of monitoring instances to run at speeds as yet unseen, all while minimizing maintenance. It will demonstrate how popular tools such as Graphite, Logstash and Puppet integrate better and easier than ever before. In addition to that the talk will introduce the new Icinga Web 2 interface and give a brief introduction into the technical architecture. A live demo will follow and well as a look into development plans to come.
1:55 PM	Feature Talks					
	Roland	Turner	Feature Talk	Yahi: Crowd-Sourced Haze-Mapping, Internet of Things and Real-Time Open Data	Open Data	Lessons learned in: - cheaply measuring a phenomenon that is very difficult to measure accurately, - building a low-cost sensor network and supporting wireless data network, - sharing the resulting data.
	Jan	Jongboom	Feature Talk	Abusing Mobile Phones to Make the Internet of Things	Open Hardware and Makers	Everyone loves the Raspberry Pi or Arduino, they are amazing little developer boards that drive almost all of the Internet of Things devices. Unfortunately they have one small problem... They're very, very expensive. Why do I need to shell out 30\$ for a simple dev board, and 69\$ for a GSM shield, when I can get a full smartphone for just 25\$?! In this talk Jan Jongboom will literally break apart phones, introduce you to his alternative smartphone OS, hack volume buttons to control LEDs, solder some batteries and even juggle some devices.
	Mohit	Kanwal	Feature Talk	Insecure Android Apps in Google Play	Mobile Security	There are about 1.5 million Android Apps on Google Play and a vast majority of these apps don't follow good security conventions. The Android VM uses DEX format an interchangeable bytecode to power the binaries. Like bytecode it can be decompiled. A huge reason is because these apps rely on closed source software techniques to develop the final software product. However, since Android is open source, tools have been developed which can allow an attacker to decompile the application binaries since the DEX format is public knowledge. The author will demonstrate usage of such attack techniques and provide some information on how to keep your next Android app safe from falling prey to bad attackers.
	Julien	Lavergne	Feature Talk	Create your Own Distribution on the Fly	Open Source Commercial Desktop Solutions	This talk is about how, and why you want to create your own distribution. It will present different ways to do it (with different tools and based distribution), different use cases (distribution for a specific country, showcase for a specific application ...), and some examples with Ubuntu as a base.
	Remi	Denis-Courmont	Feature Talk	VLC Media Player: News and Future	Open Media	VLC media player is one of the best known and most versatile open-source multimedia application. Originally a university project, the project transitioned to an open-source community. We will cover the recent and ongoing developments and tentative future work.
	Italo	Vignoli	Feature Talk	Migrating to LibreOffice to reduce the desktop Total Cost of Ownership: Methodology and Case Studies	Open Standards and Documents	LibreOffice is a free office suite, with a full feature set. As such, it is being used by large organizations to reduce the Total Cost of Ownership of end user desktops to a fraction of the cost associated with proprietary office suites. To ease the process, The Document Foundation has developed a methodology to assist organizations during the migration process, which has been successfully deployed in several public administrations.

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	Emily	Chen	Feature Talk	Open Data Platform based on CKAN	Open Data	I would like to talk about an open data solution built around CKAN, an open source data portal, and an optimized OData plugin developed to specific requirements for the Chinese market. This solution leverages important technology components from the China software development market with cloud platform to provide open source developers easy access and publishing tools with prevailing open data sources.
	Thomas	Gorriison	Feature Talk	Skylink.JS	Web and Javascript	SkylinkJS is an open-source client-side library for your web-browser that enables any website to easily leverage the capabilities of WebRTC and its direct data streaming powers between peers for audio/video conferencing or file transfer.
2:50 PM	Tea and Coffee			Break		
3:05 PM	Lennart	Poettering	Keynote	systemd: Where We Come from, and Where We Want to Go in 2015	Linux	systemd is a core component of most major Linux distributions. The project has been progressing fast in the past years, and there's a lot more to come. In this talk I want to give an overview on the areas we worked on in the past year (kdbus, nspawn, ...) how they are progressing and what's coming next. In this talk you'll hear first all the exciting stuff we have queued up for systemd!
3:30 PM	Ryusuke	Kajiyama	Talk	The State of the Dolphin	Open Source and Free Software	Technology updates of the world's most popular open source database. You will find the latest enhancements of MySQL including integration of MySQL Fabric and OpenStack, better GIS features with Boost.Geometry and new NoSQL APIs of MySQL Server.
3:50 PM	Kushal	Das	Talk	Exciting days With Python	Open Source and Free Software	Python is a widely used general-purpose, high-level programming language. Its design philosophy emphasizes code readability, and its syntax allows programmers to express concepts in fewer lines of code than would be possible in languages such as C++ or Java. Python supports multiple programming paradigms, including object-oriented, imperative and functional programming or procedural styles. It features a dynamic type system and automatic memory management.
4:10 PM	Georg	Greve	Talk	Collaborate with ease and Confidence	Open Source and Free Software	Communication and collaboration are the life blood of our professional world. Kolab is the comprehensive solution that enables collaboration across all platforms and with great ease. Based on a micro service architecture, it can integrate into environment or cloud strategy, and is the only solution of its kind that was built for highest levels of security from the ground up thanks to its origins with the German Federal Office for IT Security. It's use cases range from self-hosting on a Raspberry Pi to multiple data centres serving millions of users with advanced Audit, eDiscovery and Data Loss Prevention (DLP) scenarios. Kolab is also available as Kolab Now, a public service similar to Google Apps or Hotmail.com, but hosted in Switzerland under enhanced privacy provisions for professionals who cannot afford to compromise the data and communication of their customers and partners.
4:30 PM	Rasmus	Skjoldan	Talk	Designing a new content management system poses a beautiful problem: How do you design a tool you don't know the exact future use of?	Open Source and Free Software	In the TYPO3 Neos open source project, the team turned to urban planning principles to look for answers. The UX planning and UI design of this brand new CMS from the international open source community, TYPO3, drew inspiration from principles that are second nature to master-planning architects, yet little known to designers and developers. On a research trip across Europe, UX Lead Rasmus Skjoldan met with an urban planning architect working for the Greater London Authority and discovered how principles such as inclusiveness, regeneration, transport-driven development, wayfinding, livability, private & public space could be applied when designing a state-of-the-art open source CMS. Rasmus will explain how to work with what he calls "UX infrastructure", letting you plan how changes can flow through interfaces and user experience strategies—whether you are working with CMSs or any other type of rapidly changing design project.
4:50 PM	Hong Phuc	Dang	Remarks	Thank you and Outlook for Day 2 and Day 3	Appreciations	
4:55 PM	End of Sessions			Closing		
6:00 PM	Labrador	Park	Social Event	Social Event		MRT Labrador Park (groups are leaving from Biopolis starting from 4:45 PM)
Venue	Biopolis		Address	Auditorium, Level 2 Matrix at Biopolis, 30 Biopolis Street, Singapore 138671		
Room	Auditorium at Matrix		How to get here	Alight at Buona Vista MRT. Walk towards the Ministry of Education Building (MOE). Take the road that goes up the hill to Biopolis. Bus Services along North Buona Vista Road: 91, 92, 95, 74, 191, 196, 198, 200		
Link	http://en.wikipedia.org/wiki/Biopolis					
Map	https://www.google.com.sg/maps/place/Biopolis/@1.304256,103.79179,16z/data=!4m2!3m1!1s0x0:0x9965b36cbf8d88c3					