

FOSSASIA 2015 Open Technology Event at Biopolis - Friday March 13

Time	Given Name	Family Name	Organization	Session Topic	Abstract of talk or project
Friday March 13					
9:00 AM	Registration	of Participants		Opening	
9:30 AM	Hong Phuc / Mario	Dang / Behling	FOSSASIA	Welcome	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.
9:35 AM	Harish	Pillay	FOSSASIA / RedHat	Open Technologies in Singapore	Open Technologies in Singapore - from Open Source to Open Hardware and the Smart City.
9:40 AM	Bunnie	Huang	Bunnie Studios	Novena and Open Hardware Development	Bunnie will discuss underlying trends in technology that have conspired to enable small teams backed by user communities to create potentially disruptive open hardware ecosystems. Novena, an open hardware laptop that bunnie and his collaborator, Sean 'xobs' Cross, created will be presented as a case study of a project enabled by such trends.
10:00 PM	Mar	Canet	Knitic	Soft Digital Fabrication	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	CronusConsult	The Power Of Free: How LiMux serves 15.000	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 / Thomas Gorissen	One Maker Group Sustainable Living Labs Skylink.JS	Amazing OpenTech from Singapore and around the World	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	MariaDB	MariaDB - State of the Base	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	Mozilla	Participation in Mozilla and How we achieve the Next Generation Open Web	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	LokLak	Distributed Search and Open Index with Loklak	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	Red Hat	Cutting Through The Container Hype	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?
1:45 PM	Bernd	Erk	Icinga	Open Source Monitoring with Icinga	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.
2:00 PM	Dr. Vivian	Balakrishnan, Minister for Environment and Water Resources	Minister for Environment and Water Resources	Singapore as a Smart City	Singapore is building the World's First Smart Nation, with Fuller Use of Technology to Live, Work and Play Singapore has the opportunity to be a Smart Nation if we work together and successfully combine policy, people and technology, and boost all aspects to enhance our national capabilities – from infrastructure, industry and talent, to governance. A Smart Nation will improve the lives of citizens of all ages; create greater opportunities for businesses of all sizes; and build a more anticipatory government that uses technology to better serve citizens' needs. Citizens are also empowered through access to data, to be more participatory in engaging government, as well as businesses, to make more informed decisions and meaningful choices in their daily living.
2:30 PM	Coffee	and Tea		Break	
2:45 PM	Jan	Jongboom	Telenor Digital	Abusing Mobile Phones to Make the Internet of Things	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.
2:55 PM	Emily	Chen	GNOME	Open Data Platform based on CKAN	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.

3:05 PM	Kushal	Das	Python Software Foundation	Exciting days With Python	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.
3:15 PM	Remi	Denis-Courmont	VideoLAN	VLC Media Player: News and Future	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.
3:25 PM	Roland	Turner	Yahi	Yahi: Crowd-Sourced Haze-Mapping, Internet of Things and Real-Time 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.
3:35 PM	Lennart	Poettering	Red Hat	systemd: Where We Come from, and Where We Want to Go in 2015	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!
3:55 PM	Ryusuke	Kajiyama	Oracle Corporation Japan	The State of the Dolphin	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.
4:20 PM	Georg	Greve	Kolab Systems AG	Collaborate with ease and Confidence	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.
4:35 PM	Rasmus	Skjoldan	TYPO3	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?	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.
4:55 PM	Hong Phuc	Dang	FOSSASIA	Thank you and Outlook for Day 2 and Day 3	
4:55 PM	End	of Sessions		Closing	
6:00 PM	Labrador	Park		Social Event	MRT Labrador Park (groups are leaving from Biopolis starting from 4:45 PM)
Venue	Biopolis				Auditorium, Level 2 Matrix at Biopolis, 30 Biopolis Street, Singapore 138671
Room	Auditorium at Matrix				Alight at Buona Vista MRT. Walk towards the Ministry of Education Building (MOE).
Link	http://en.wikipedia.org/wiki/Biopolis				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
Map	https://www.google.com.sg/maps/place/Biopolis/@1.304256,103.79179,16z/data=!4m2!3m1!1s0x0:0x9965b36cbf8d88c3				