FOSSASIA 2015 Open Technology Event at Biopolis - Friday March 13

Time	Given Name	Family Name	Organization	Type	Session Topic	Abstract of talk or project
Friday March 13						
9:00 AM	Registration	of Participants			Opening	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. Previous events were held in Vietnam and Cambodia.
9:30 AM	Hong Phuc / Mario	Dang / Behling	FOSSASIA	Welcome	Welcome	Welcome to FOSSASIA 2015 in Singapore. We are excited to see developers, designers and contributors from around the world participating at the event to share and learn about Open Technologies. The first day will give an overview about many of the interesting projects taking place in the world right now. On the second and third day we have five tracks - OpenTech, Web, DevOps, Python and Mozilla - and one workshop track. On top of that meeting rooms are available for unconference breakout session to get together with people. Please talk to the registration about booking rooms. A board with unconference sessions is available in Plug-In at Blk71. Core developers from a large variety of projects are at the event. You can learn about new Open web technologies and approaches like "Create Once, Publish Everywhere", distributed search, improvements in Linux to Open Hardware projects for laptops, machines for textil and garment production, phone hardware for the Internet of Things and talks about design for user interfaces, 3D devices or couture. We want to see established projects flourish and new projects getting on its way. You may call it Free Software and Open Source, the model of sharing and collaboration is, what is exciting for us and it is gives us the inspiration to organize FOSSASIA since 2009. The model of freely licensed software is expanding to more and more areas - hardware, data, biology, food - and it is also a wonderful chance for everyone to create a startup or simply use software at home or in their company without any worries about restrictive licensing and bugs that are never solved. So, in the spirit of sharing, learning and collaboration, carpe diem! Seize the day and enjoy the event and let the world know that this is going on here. Our hashtag is #FOSSASIA.
9:35 AM	Harish	Pillay	FOSSASIA / RedHat	Intro	Open Technologies in Singapore	Open Technologies in Sinagpore - from Open Source to Open Hardware and the Smart City.
9:40 AM	Bunnie	Huang	Bunnie Studios	Talk	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 AM	Lennart	Poettering	Red Hat	Keynote	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!
10:25 AM	Stefan	Koehler	CronusConsult	Talk	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.
10:45 AM	Shout-Outs	William Hooi / Veerappan Swaminathan / Thomas Gorissen / Shilpa S Nath	One Maker Group Sustainable Living Labs Skylink.JS e27	Shout-out	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!
10:55 AM	Snack				Break	
11:10 AM	Colin	Charles	MariaDB	Keynote	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.
11:35 AM	Gen	Kanai	Mozilla	Keynote	How Mozilla launches the Firefox OS open web mobile platform in Asia and how you can get involved	A presentation on Mozilla's 2014-15 Firefox OS launches in Asia with a focus on community marketing. Learn how Mozilla tackles the challenges of launching an open web mobile device with our community and our partners. We welcome you to participate in our current and future launches in Asia and elsewhere.
12:00 AM	Michael	Christen	LokLak	Talk	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	Talk	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	Talk	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 and Minister-in-charge of Smart Nation	Keynote	Singapore as a Smart Nation	Singapore is building the World's First Smart Nation, and the advent of the data tsunami will empower citizens, through access to data, to improve lives, create economic opportunities, and help to strengthen communities.
2:30 PM	Coffee	and Tea			Break	

Time	First	Last	Organization	Type	Title	Description
2:45 PM	Jan	Jongboom	Telenor Digital	Feature Talk	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	Feature Talk	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	Talk	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	Rémi	Denis-Courmont	VideoLAN	Feature Talk	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	Feature Talk	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	Mar	Canet	Knitic	Talk	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.
3:55 PM	Ryusuke	Kajiyama	Oracle Corporation Japan	Talk	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.
4:15 PM	Georg	Greve	Kolab Systems AG	Talk	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	Talk	COPE CMS "Create Once, Publish Everywhere"	"COPE" means to Create Once, Publish Everywhere. The concept often accredited to the National Public Radio is having profound impact on organizations' ability to publish content in smarter ways. Yet, this publishing methodology has only reached few clients worldwide. Many still struggle the basic task of keeping content in sync across different channels and platforms. Behind the practical advantages of COPE lies a bigger story. Although the concept has been around since the dawn of digital content, the world is only just awakening to what it truly means. Completely decoupling content and presentation is still a fundamental paradigm shift that we have only seen the beginning of. Adding to the complexity of making COPE setups work well comes the human factor. Mentally grasping that a piece of content will go out to many and unknown output channels is hard for the typical, infrequent CMS editor. We have all yet to design great user interface patterns that help editors understand where content goes and realize what that means for the content production process. The UX Lead of the open source CMS project called Neos will provide insights into both the conceptual side to COPE—and talk about what's needed for CMS editors to work in a software environment where they don't know the exact output channels for their content.
4:55 PM	Hong Phuc	Dang	FOSSASIA	Remarks	Thank you and Outlook	What is ahead us for Day 2 and Day 3 of FOSSASIA? We have the largest number of talks and workshops ever with 126 registered speakers from 28 countries. Apart from the scheduled conference, we have space for unconference sessions. So, feel free to register additional sessions at the registration on day 2 and day 3 at JTC Launchpad.
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			