FOSSASIA 2015 Mozilla Track at JFDI @ Blk71 - Saturday March 14 / Sunday March 15

Time	Given Name	Family Name	Type	Session Topic	Abstract of talk or project
Saturday March 14					
9:00 AM	Santosh	Viswanatham	Talk of 25 minutes	Collaborative Webmaking using TogetherJS	Collaboration is an amazing option which adds beauty to work,reduces work burden,helps in Innovation and many more by enhancing teamwork option and enabling people to work collectively. TogetherJS is an Open source javascript library which adds collaborative features to a website.Thimble is an amazing Webmaker Tool which helps you to create Webpages and instantly preview your work.You can even publish the created webpages with a Single click.Awesomeness is when these two gets combine "Thimble" and "TogetherJS" where more than one person can work and code on a single webpage.Two or more people can work on a single webpage and instantly view the output.They can even discuss with the help of chatbox.
9:30 AM	Jaipradeesh	Janarthanan	Talk of 25 minutes	Offline Communications in Firefox OS	You think you need internet connection for communications in Firefox OS just because it is web-based. That's not entirely true! There are lots more which can be done with Firefox OS, completely offline! Firefox OS already has capabilities for off-the-internet communications. These include NFC, Bluetooth and webSMS. Bluetooth and webSMS are already available for devices selling in the market and NFC is nearly stable. Using bluetooth only for sharing files? With Bluetooth API in Firefox OS, develop peer to peer chat, webRTC applications independently (without web activities) as simple as getUserMedia and stream it over bluetooth. Last month, I worked on a project which needed to access information on the internet without having internet connectivity. We added a graceful fallback where our app would communicate with the remote server through SMS, if no internet connection was present. It did searches for articles on Wikipedia, helped finding nearest locations, with rich interface in the front and webSMS API in the back. With the NFC API and its product-level implementation in Firefox OS, apart from sharing media and tag-reading, it can be used for contactless payments, establishing peer to peer connection by using NFC as authenticating mechanism. NFC can be used to develop applications that perform tasks anonymously, that respect user privacy and pushes the Mozilla mission ahead. You still think Internet connectivity is de rigueur for Firefox OS? This talk will help understand how to use these technologies practically, with sample code and demos.
9:55 AM	Priyanka	Nag	Talk of 25 minutes	Firefox Hello - The easiest way to connect for free over video with anyone, anywhere	Mozilla is an Open Source, non-profit organization, most famous for its browser, Firefox.
10:20 AM	Robert	Reyes	Talk of 25 minutes	Building an Open Source Community	Will give an overview of how to build a strong Open Source Community based on the experiences of the Mozilla Philippines Community.
10:45 AM	Soumya	Deb	Talk of 25 minutes	Firefox OS as a Thin Platform	We've explored the viability of a web based OS as the platform for Mobility. Firefox OS phones are now a real deal in so many countries globally. But what if, that's not the end of it? What if, Firefox OS is more than just a Mobile OS? What if, we adopt Firefox OS in many other ways than it has been previously thought about? From smarter consumer electronics to the Internet of Things, the possibilities are endless... let's explore! Through this talk, I'm trying to encourage & engage cross-disciplinary hackers, makers and individuals with crazy ideas to come up with more consumer devices (like Matchstick) using Firefox OS. As Firefox OS uses the web as the platform, has very less resource demand and is easier to port - it can be a de facto choice for thin platforms.
11:15 AM	Michael	Kohler	Talk of 25 minutes	Combining Firefox OS with Webmaker	Mozilla and its "Webmaker" initiative try to teach the Web to anybody interested in learning it. This includes basics of HTML and CSS as well as general web literacy skills like "How do I navigate the web?" or privacy related topics. Firefox OS is emerging in different markets and not only used by Web developers. Because of that, Mozilla has created Appmaker to easily create mobile Web applications. In this talk I want to go further and show how to combine Firefox OS with Webmaker and create powerful Web application capable of running on Firefox OS without the need to be a Web developer. A basic editor and a web browser is enough, given you have the right templates.
11:50 AM	Group	Photo	Photo	Group Photo	Group Photo at Blk71
12:00 PM	Lunch			Break	
1:00 PM	Dyvik Chenna	Thirunahari	Talk of 25 minutes	INFA-Internet for All	Just a small thought to reach people in rural areas globally by educating them with internet and web resources. Our main motive is to spread internet knowledge globally to educate people who are not aware of internet and its resources.
1:30 PM	Santosh	Viswanatham	Talk of 25 minutes	Appmaking is Now Diversified	Appmaker is a Webmaker tool for creating mobile apps without using any code.App development was a developer task before but now even a girl of 10 yrs old or a women aged 50 can build their own mobile apps and use them.App development is made simpler and Diversified for people of all ages and also people from different backdrops(students,beginners,experts,developersand almost everyone).
2:00 PM	Gauthamraj	Elango	Talk of 25 minutes	Students Involvement in Mozilla's project	The talk is about different ways to get involved as students in different functional areas of Mozilla project. Also, I will introduce Firefox Student Ambassador program which works as the big first step for students to start their contribution as a volunteer. Talk will cover all the existing projects in Mozilla.
2:30 PM	Biraj	Karmakar	Talk of 25 minutes	Localization of Firefox Marketplace Apps	The idea is to make marketplace apps available in other languages. The session can show how to make open web apps easy to localize and how to contribute by localizing apps from Marketplace. This session will demonstrate how easily we can turn our web apps/Firefox OS apps translatable and thus offer to a greater audience. Developers submitting apps to marketplace can make translatable apps easily. We also aim to teach volunteers how they can contribute by translating apps using Transifex. There are a lot of awesome apps in the Marketplace and we aim to make as many of them globally accessible.
3:00 PM	Soumya	Deb	Talk of 25 minutes	Performance Efficient JavaScript	In pursuit of easiness, familiarity & eye-candy, we often give up or forget to prioritize performance. The ever increasing processing power of devices encourages us to write bloated codes and still be passable. Our apps and websites could suck less, if we care for it a little. May it be bandwidth consumption, underoptimized routines, user experience gotchas or else - knowing what makes JavaScript work better across platforms helps create a better web for everyone. BONUS: it makes you a better programmer! Through this workshop, I'm trying to bring awareness of WebApps & also, preaching for optimized apps for lower end budget smartphones. The expected outcome is to leave the app developers to consider and explore webapps as viable alternative.
3:30 PM	Jaipradeesh	Janarthanan	Talk of 25 minutes	Write once, Run anywhere - Develop Hybrid apps with Cordova	

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Time	Given Name	Family Name	Type	Session Topic	Abstract of talk or project
4:00 PM	Abdul	Rauf	Talk of 25 minutes	Mobile Web Compatibility	A person should be able to use the web from any device or browser. Unfortunately some developers, by choice or negligence, will make websites unusable for some devices. The goal of this talk is to open up the mobile web to all devices. In our efforts to build Firefox OS and Firefox for Android as solutions for Mobile World we don't have any control of the web content available out there. We can build up a better user experience but the products will still be affected by incompatible and non-standard content. As stock browsers (both iPhone and Android) are build upon Webkit rendering engine, other browsers (including Firefox for Android) will experience compatibility issues such as top sites returning desktop content, inferior mobile sites, or sites with broken layout and functionality. The talk will cover an introduction to Mobile web compatibility and will walk through Compatibility issues. We will also introduce webcompat .com as a portal where anyone can report bugs, diagnose site issues and reach out to sites to advocate for fixes. The web should work for everyone -- Our mission is an open and accessible web for all people using any device or any browser.
4:30 PM	End				
Sunday March 15					
9:00 AM	Robert	Reyes	Workshop of 1 hour	Creating Your First Firefox OS App for Non-Coders	
10:00 AM	Biraj / Gauthamra	Karmakar / Elango	Workshop of 1 hour	Webmaking with Mobile	
11:00 AM	Sumanth	Damarla	Workshop of 1 hour	Security Testing for Developers Using OWASP ZAP	Any application exposed to the internet will be attacked, and the earlier in the development cycle you find vulnerabilities, the better. This lecture introduces the OWASP Zed Attack Proxy (ZAP), a free, open source, Java-based integrated penetration testing tool for finding vulnerabilities in web applications. Although ZAP is widely used by security professionals, it is also ideal for anyone new to web application security and includes features specifically aimed at developers. The lecture shows how ZAP can be used to find vulnerabilities, both manually and as part of an automated build. It also provides an overview of some of the more advanced features. What will your lecture or activity allow people to make, learn or do? This lecture focuses on creating Web Security Awareness for the participants. Its helps the participants to build their applications more securely using Web Security Tools.With the help of web security tools, People can attack their own designed Web applications and check for the vulnerabilities in their applications and code it more securely. For an instance, Assume a coder coded an Login page, He can use ZAP (Web Security Tool) to attack his Login page in different ways and sort out the ways to trace out the flaws. In this way ZAP gives the coder chance to build their Web Application more securely. (Though its only one of the many features of ZAP) How do you see that working? With the right skills, tools and software, you can protect yourself and remain secure.There is a need detect online scams and 'phishing' by employing recognized tools and techniques. We gonna introduce participants Top Security Tool of 2013 as votes by ToolsWatch.org "ZAP"(Zed Attack Proxy). After giving a presentation on working of ZAP, participants will have a Hands-on session to come to know the features of ZAP. They can attack the sample authorized websites to know how these Security Tool work. What do you see as outcomes after the lecture? -> Create an ecosystem for hackers based on browser. -> To bring the attention of security people to the potential of a browser based security platform. -> Provide easy to use and portable platform for demonstrating common web based attacks. -> To associate with other security tools/products to make a better environment. Why ZAP in FOSSASIA 2015? -> Its an Open Source software led by OWASP. -> There is a need to know what this powerful tool is capable of and how one can use it in the best way. -> There are many opportunities to exploit in contributing to development of ZAP. -> Get in touch with the Tech Geeks around the world who are working on it.
11:30 AM					
12:00 PM	Lunch			Break	
1:00 PM	Fauzan Alfi	Agirachman	Workshop of 1 hour	Webmaking in Public Space	Webmaking in Public Space is a series of activities based on the Lo-Fi No-Fi teaching kit that work well in the park. The agenda takes about 1 hour with limited to no paper materials and no technology needed. But definitely worth bringing a picnic blanket and snacks! For more details, see: https://michelle.makes.org/thimble/LTI5Mjk0MzM2/webmaker-in-the-park
2:00 PM	Priyanka	Nag	Workshop of 1 hour	Workshop on getting started with MDN	Mozilla is an Open Source, non-profit organization, most famous for its browser, Firefox.
3:00 PM	Michael / Biraj / Soumya	Kohler / Karmakar / Deb	Workshop of 1 hour	Hacking on Gaia	Gaia is the top layer of Firefox OS. It's the front end which is written in HTML/CSS/JavaScript. In this workshop we'll give a quick introduction and show you how to change the look and feel of a mobile phone OS. After our introduction, you'll be able to hack on it yourself and we'll help out if there should be any questions.
4:25 PM	Hong Phuc / Mario	Dang / Behling	Talk	Wrap up in the main room at NUS Plug-In	What happened and where we go next. See you 2016!
4:35 PM	End				
5:00 PM	Hackerspace	Singapore	Meetup and Hacking		Address: Hackerspace, 344B King George's Avenue, Singapore 208576

Venue	JFDI		Address	71 Ayer Rajah Crescent, #05-16, Singapore 139951, +65 3158 1804
Room	Seminar Room			
Link	http://www.jfdi.asia			
Map	https://www.google.com.sg/maps/place/JFDI.Asia/@1.29677,103.786914,17z/data=!3m1!4b1!4m2!3m1!1s0x31da1a4fd6113e5f:0xf2a112776ee6b0d5?		How to get here	Alight at One North MRT. Go up on the escalator to Ground floor level and exit at Fusionopolis. Walk over the street towards Blk71 and enter the building. Take the elevator to #05-16.