

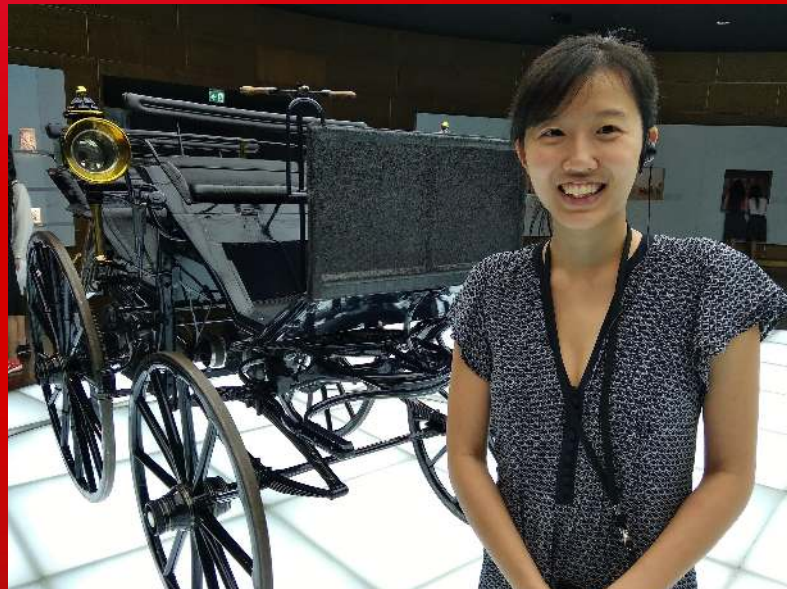


Contributing to the FOSS Community

FOSSASIA

Hong Phuc Dang and Mario Behling

- ❑ Originally from Vietnam
- ❑ Studied in US and Singapore
- ❑ Co-Founded FOSSASIA
- ❑ Vice President at Open Source Initiative (US)
- ❑ Member of Board of Open Source Business Alliance (EU)
- ❑ InnerSource @Zalando Tech



Hong Phuc Dang



@hpdang



@hongphucdang



Mario Behling



@mariobehling

- ❑ Lived 10 years in Asia and co-founded FOSSASIA
- ❑ CEO of OpnTec GmbH
- ❑ Loves learning languages
- ❑ Loves Latin music and drums
- ❑ Believes in Open Tech as a solution for many of our global problems

fossasia

fossasia.org

Open Source
Software &
Hardware Product
Development

eventyay.com

Open Source
Events

codeheat.org

Open Education,
Academies and
Coding Programs

Founding 2009 in Vietnam

- Merged Pull Request on average every 15 minutes
- 40,000+ developers on mailing lists + social media
- 5000 developers registered on our GitHub orgs
- Training 2000+ developers through coding programs annually
- Dozens of face to face meetings at developer events, hackathons and workshops throughout Asia



FOSSASIA

Open Technologies developed in Asia and Around the Globe

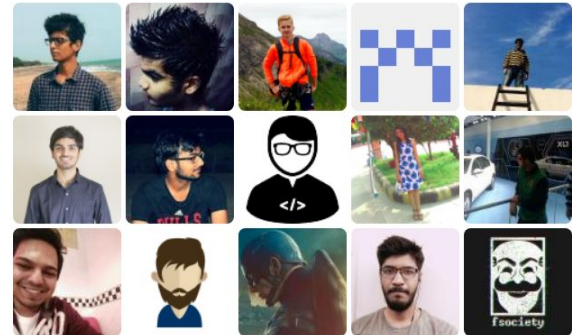
📍 Singapore 🔗 <https://fossasia.org> ✉ [fossasia@googlegroups....](mailto:fossasia@googlegroups.com)

📦 **Repositories** 227

📦 **Packages**

👤 **People** 3.9k

👥 **Teams** 85







- Hosting GNOME.Asia in Vietnam
- Starting development of Linux and web tools

2009



FOSSASIA Summit 2011



FOSSASIA Summit Phnom Penh 2014

India: Codeheat Coding Contest Outreach Events



2016



Building a Hotel with as much Open Source as Possible

Let's Build Our Own Personalized Open Textile Production Line

Hong Phuc Dang, 31c3

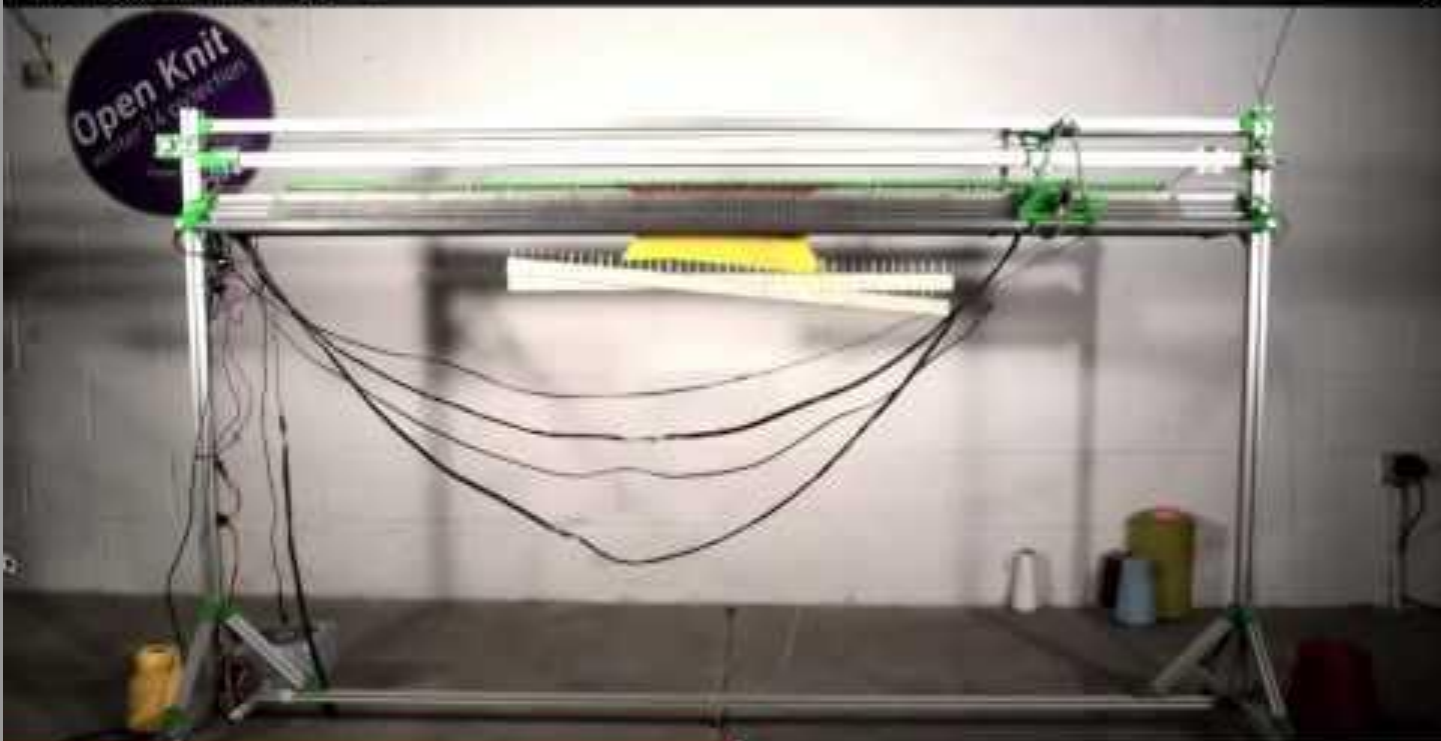
fashiontec.org

Let's make a *Revolution*
for the Textile and Garment Industry?

The system is broken.

Let's fix it.

Made in the Neighbourhood It's clothing primer, OpenKnit



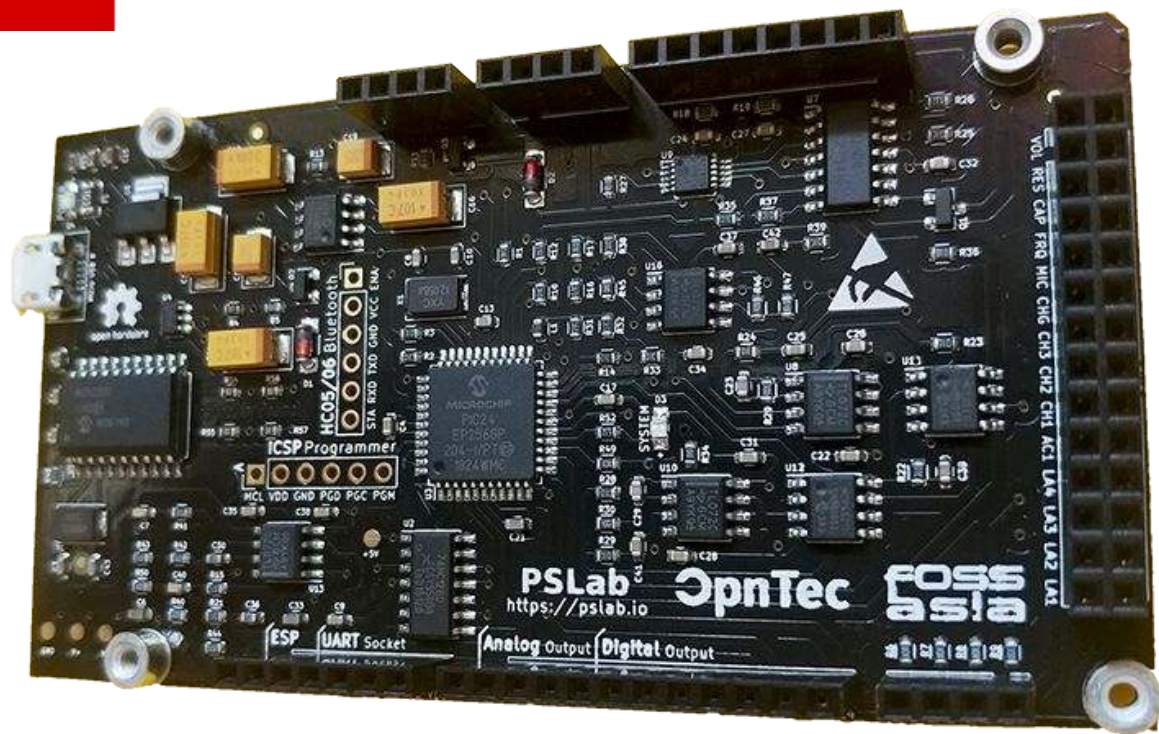
11 4:11 1:01:04

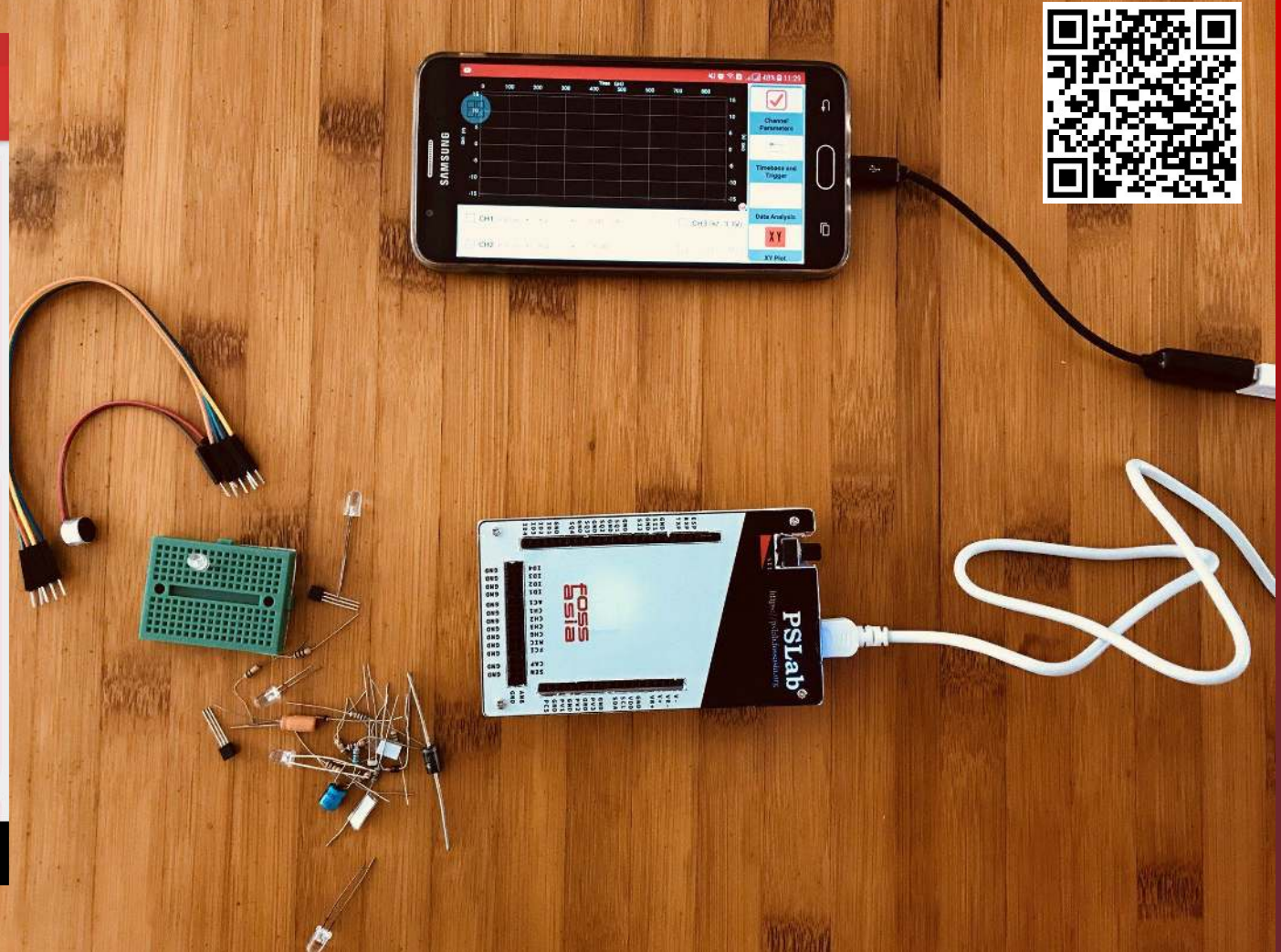
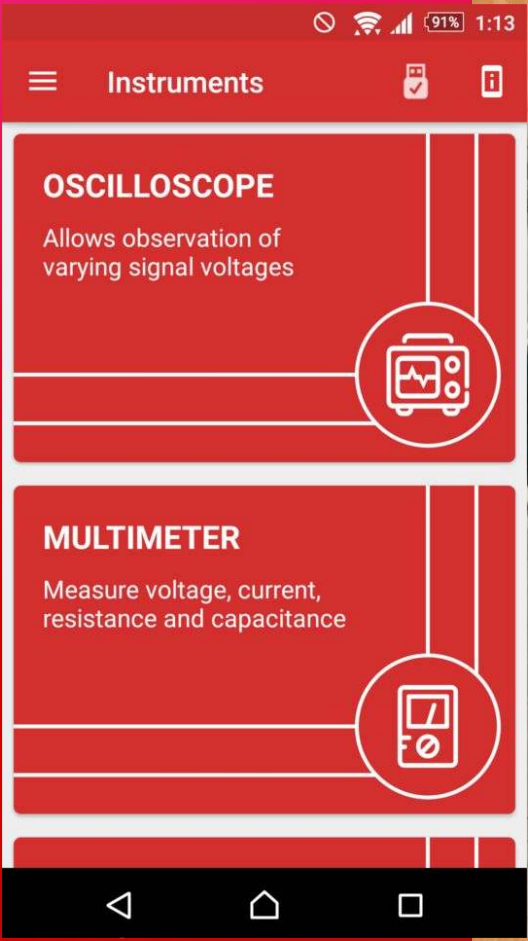
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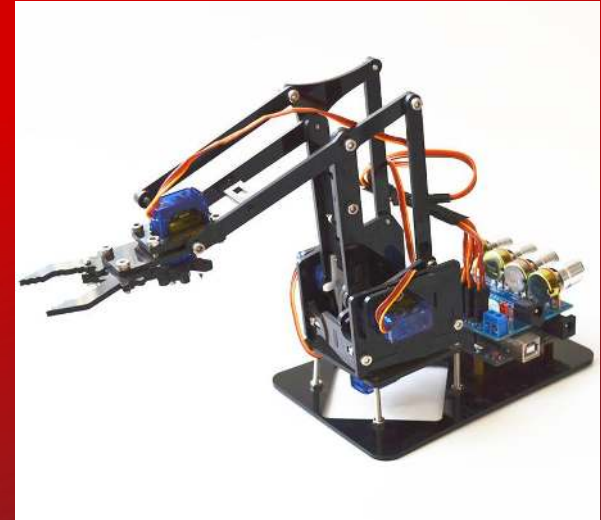
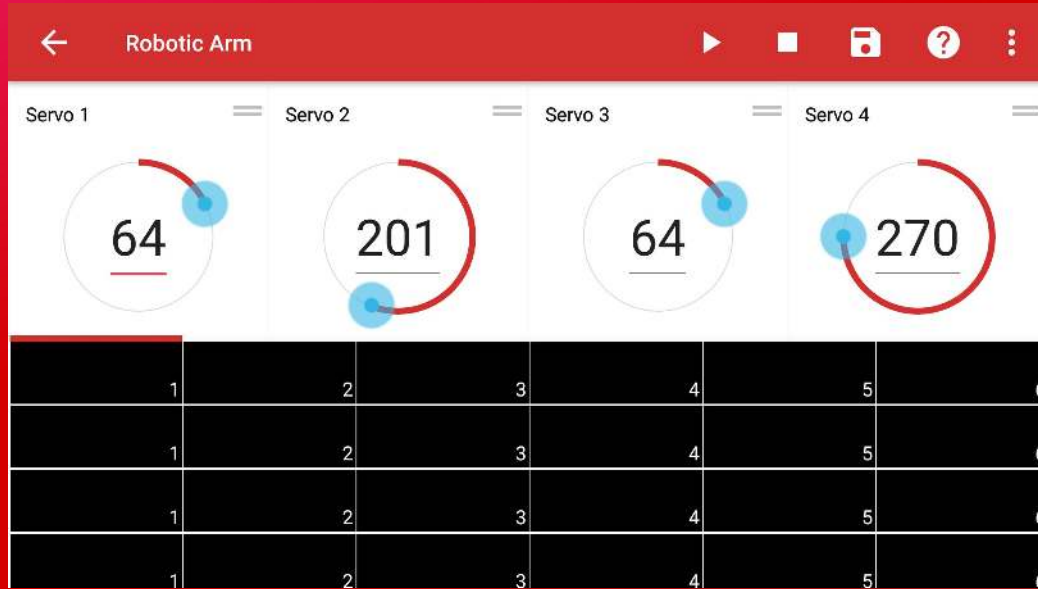
2014 FOSSASIA Summit Phnom Penh

PSLab.io



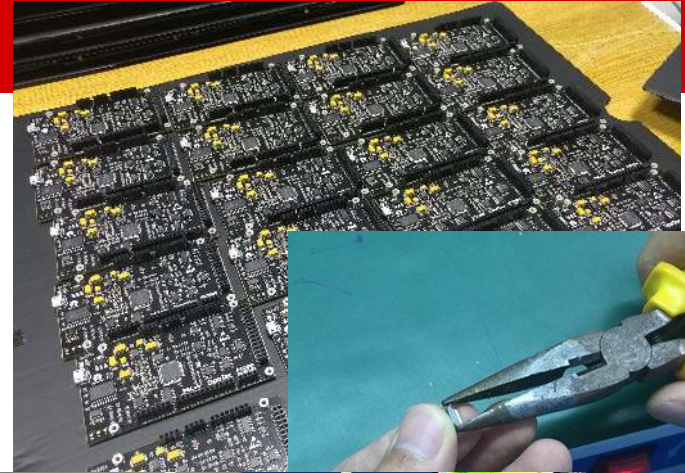
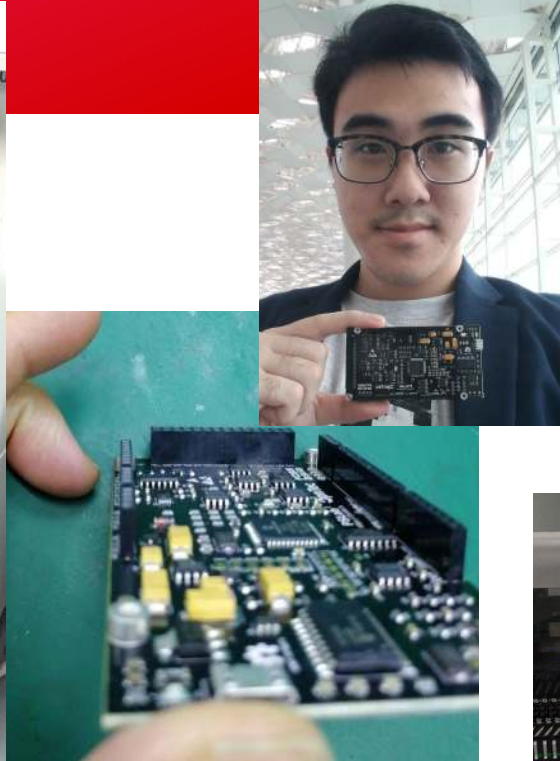


PSLab Android - Robotic Arm



User can use this feature to control 4 servos of the robotic arm.

Producing Open Hardware in Shenzhen



Maker workshops with Pocket Science Lab in Singapore



Codeheat Ask Me Anything -
January Edition

Thursday, 7 January, 2021
8:00 PM to 9:30 PM (IST)

Schedule



Codeheat Ask Me Anything -
January Edition



Social Room



Main Room



HD



eventyay.com integrating Jitsi and Big Blue Button for online events

Chaos Computer Congress, Leipzig, Germany



Create a sense of ownership in your projects. Let developers take control and responsibility of code development and let them enjoy a good degree of freedom where they can thrive.

Best Practices

Use Scrum on Mailing List for Daily Briefings

1. What did you do yesterday?
2. What do you plan to do today?
3. What is currently preventing you from achieving your goals?

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	'akhan.bsacs15seecs' via .	Inbox	Susi	[SCRUM] Ali Ayub Khan - SUSI.AI Bots 20170531 - false - 1. What did I do yesterday? - Re	5:29 am
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Tarun Kumar	Inbox	meilix	[Scrum] Tarun Kumar - Linux Distro for Events - 20170531 - False - *1. What did I do yest	5:20 am
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Anant Prasad	Inbox	phimpme	[Scrum] Anant Prasad - Phimpme Android - 20170531 - 1. What did I do yesterday? - M	4:23 am
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Padmal	Inbox	Pocket Science	[PSLab] [Scrum] Padmal - PSLab Firmware - 20170531 - False - *1. What did I do	4:00 am
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	chiragwadhera15	Inbox	Susi	[Scrum] Chirag Wadhera - SUSI.AI-Android - 20170531 - False - *1. What did I do yesterda	1:48 am
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	vibhorverma1995	Inbox	[opntec-dev]	[Scrum] Vibhor Verma-loklak_server-20170531-False - 1. What did I do yesterday? :	1:36 am
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Shubham Padia	Inbox	open-event	[Scrum] Shubham Padia - Server - 20170531 - False - 1. What did I do yesterday? 1. \$	12:54 am

Use Chat for Quick Exchanges

Less discussion, more code.

The screenshot shows a chat window for the repository `fossasia/susi_server`. The interface includes a sidebar with a list of conversations, a main chat area with messages and code, and a right-hand panel with user avatars and activity.

Navigation: The top bar features the GitHub logo, the repository name `fossasia/susi_server`, and icons for search, star, and user profile.

Conversations List:

- ALL CONVERSATIONS
- open-event-webapp
- open-event-orga-app
- fossasia/pslab
- susi_hardware
- susi_server** (selected)
- susi_webchat
- susi_android
- susi_ios

Chat Messages:

- Chetan Kaushik @dynamitechetan** (May 29 22:17): `@orbiter` how does a user become a admin at susi server?
- Michael Christen @Orbiter** (May 29 22:18): the user role implementation is incomplete, so, until now: we don't have roles, just a role concept. It means you don't get admin now. There is no admin role.
- Chetan Kaushik @dynamitechetan** (May 29 22:22): there is a function

Code Snippet:

```
public Authorization setAdmin() {
    this.json.put("admin", true);
    if (parent != null && getIdentity().isPersistent()) parent.
return this;
}
```

Right Panel:

- PEOPLE REPO INFO:** A grid of user avatars with an `ADD` button and a link to `SEE ALL (213 PEOPLE)`.
- ACTIVITY:** A recent activity entry by `yukiisbored` on `gh-pages` at 05:30, with a link to `Latest javadoc on successful tr...` and a `(compare)` link.

Use the tracker for quicker and more focused - issue - communications

- ❑ Reduce communication overhead and avoid trolls
- ❑ The right place for specific feature discussions
- ❑ Make the development flow clear and structured
- ❑ Allow newcomers to join more easily
- ❑ Scale up more quickly by discussing on tracker instead of unstructured chat

fossasia / susi_android

Unwatch ▾

23

Unstar

200

Fork

213

<> Code

Issues 36

Pull requests 5

Settings

Insights ▾

Filters ▾

is:issue is:open

Labels

Milestones

New issue

36 Open ✓ 277 Closed

Author ▾

Labels ▾

Projects ▾

Milestones ▾

Assignee ▾

Sort ▾

Implement Policies for Scalable and Faster Code Merges

- ❑ Match each pull request with an issue
- ❑ Break a big issue into multiple small issues
- ❑ Establish a peer review process
- ❑ Earn write access
- ❑ Make things easy for project maintainers
- ❑ Documentation is part of daily development practices

fossasia / susi_server

Unwatch ▾

26

Unstar

181

Fork

157

<> Code

Issues 55

Pull requests 1

Wiki

Settings

Insights ▾

Filters ▾

is:pr is:open

Labels

Milestones

New pull request

1 Open ✓ 67 Closed

Author ▾

Labels ▾

Projects ▾

Milestones ▾

Reviews ▾

Assignee ▾

Sort ▾

Motivate developers to work efficiently, produce fast and quality outcome

- Fun in the Open Source Development Way
- Give Recognition
- Provide Opportunities (through development programs and contests and jobs in startup spin-offs)



What can we do?

We Need

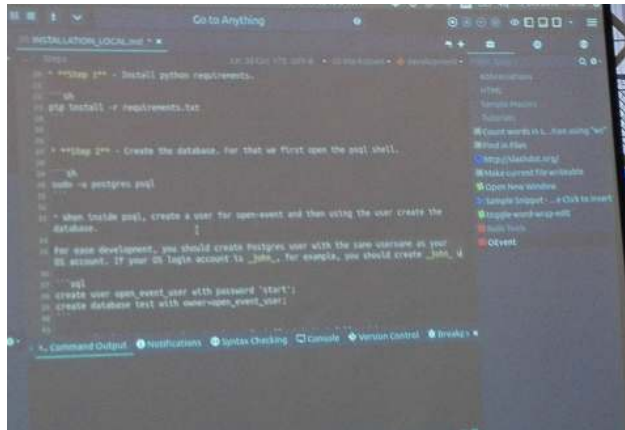
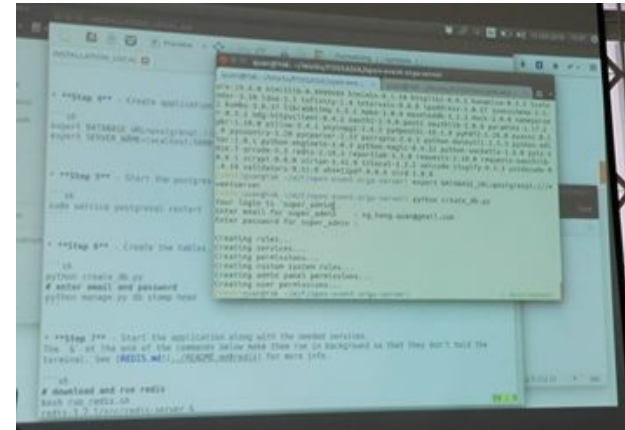
- Global knowledge sharing
- Open Access to Knowledge and Information
- Open Science
- Local Production
- A Circular Economy with Income for the Many
- Respect of Users Privacy and Human Rights!

All this is possible by leveraging the advantages of Open Collaboration. We have proof it works with FOSS, Open Hardware, Open Knowledge, Open Data. Openness Works!

Science and Tech in Schools Can Tho, Vietnam



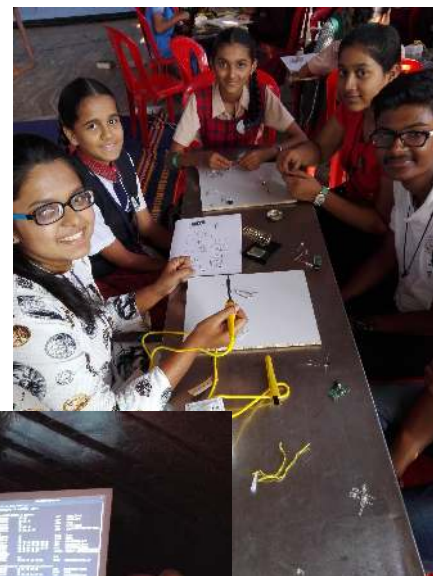
Ho Chi Minh, Vietnam: Coding events



India: Code Heat Presentation



Science Hack Workshop, Belgaum India



Science Hack Workshop Singapore @SunTec Convention



FOSSASIA Summit
Lifelong Learning Institute, March 13 - 21, 2021
summit.fossasia.org

Please join our Codeheat contest and progress
to become an intern <https://codeheat.org>



Twitter, Github: @mariobehling @fossasia