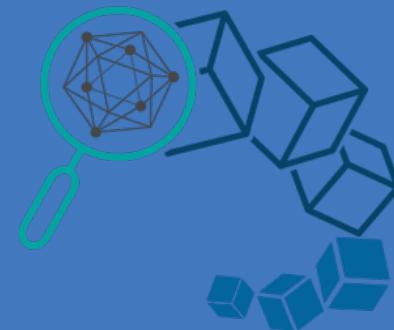




HYPERLEDGER
BLOCKCHAIN TECHNOLOGIES FOR BUSINESS



Hyperledger Technical Community in China

Baohua Yang, Wenjie Xie, Zhou Xing, Yaoguo Jiang
June 20, 2017

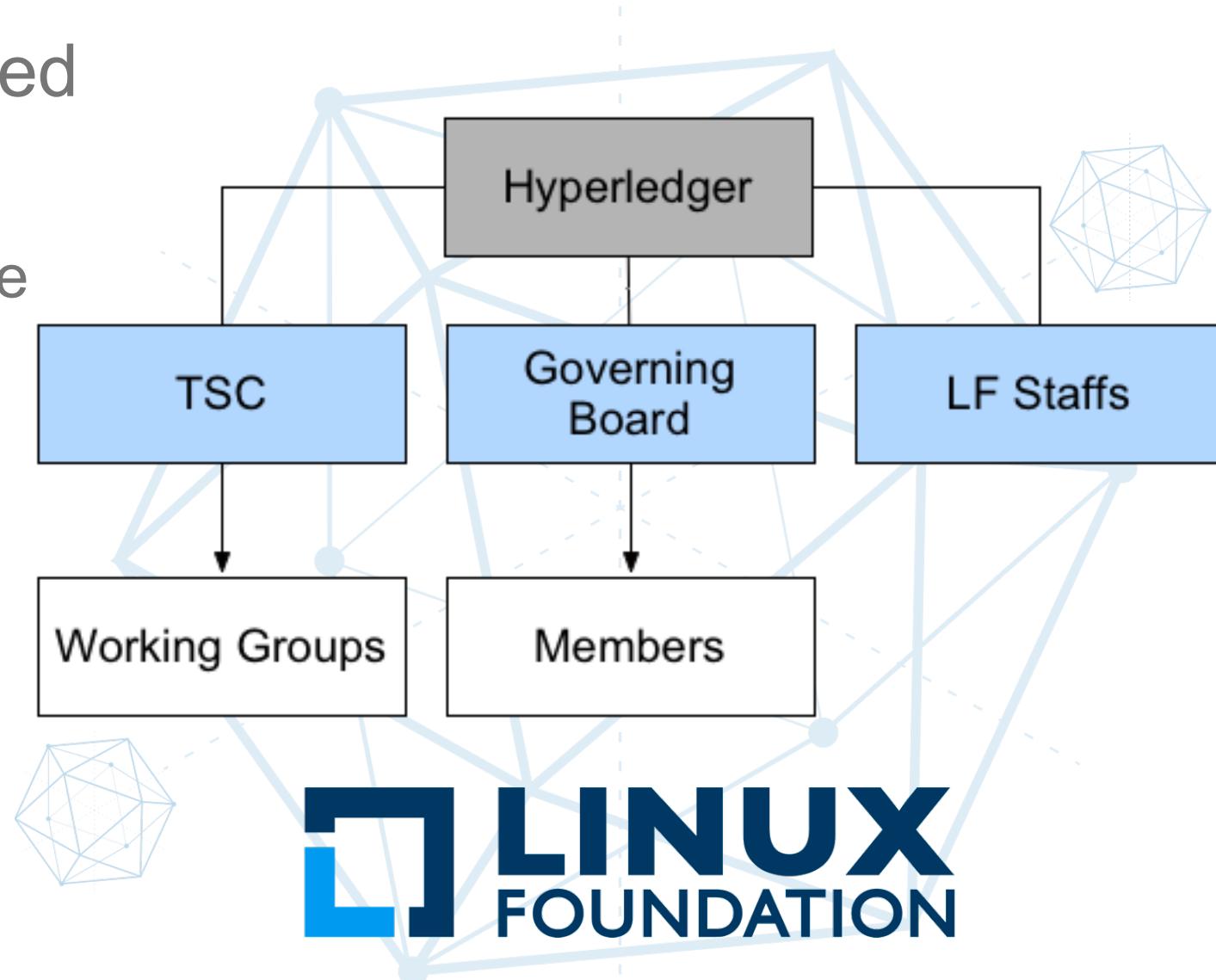
About Me

- **Senior Researcher in IBM**
 - Fintech, Cloud and Analytics
- **Open-Source Contributor**
 - [Hyperledger](#), [OpenStack](#), [OpenDaylight](#), etc.
- **Hyperledger Developer**
 - Core designer & committer of [Fabric](#), [Cello](#), [sdk](#) etc.
 - PTL of [Cello](#) project and [fabric-sdk-py](#) project
 - Chair of [Hyperledger Technical Working Group China](#)



Hyperledger Community

- Linux Foundation Supported
- Organizations
 - Technical Steering Committee
 - Governing Board
 - Linux Foundation Staffs
- TWG-China



Technical Working Group China

- Founded at Dec, 2016
 - Supported by Hyperledger Governing Board, TSC, and LF
- Responsibilities
 - Help build technical community in Greater China area
 - Promote the Hyperledger technical development and adoptions
 - Bridge the local community with global one



10+ Volunteers

Welcome for More Volunteers



ChainNova

onchain



HITACHI



Existing Working Areas



Innovation



Collaboration



Education



Events

Development and Innovation

- Help lead the development of Hyperledger projects
 - Code, tutorial, demos
 - Technical Discussions on maillist, rocketchat, etc.

Name	LF ID	Organization	Email	Location
Yaoguo Jiang		Huawei	jiangyaoguo@huawei.com	Shenzhen
Ray Chen		Independent	oldsharp@gmail.com	Hangzhou
Wei Hu		HyperChain	wei@hyperchain.cn	Hangzhou
Zhengping Xu		ChainNova	zerppen@chainnova.com	Beijing

https://wiki.hyperledger.org/groups/twgc/team_di

Suggest to have a online worldwide channel for Hackfest in Beijing -

Cello meetup at Hackfest Beijing - Address not found Your message 

[Hyperledger-perf-and-scale-wg] F2F discussion at hackfest in Beijir

[Hyperledger-TWG-China] 关于fabric alpha2版本示例的部署问题, 指

[Hyperledger-TWG-China] Is the registration of hyperledger hackfes

Hyperledger面对面训练营活动 - Dear Hyperledger Developers and I

[Hyperledger-TWG-China] Hackfest Agenda and Planning - Hi Brian

i18n and Education

- Help lead the i18n and education activities
 - Documentation writing/translation
 - Seminar/training organization

Name	Organization	Email	Location
Kewei Sun	IBM	sunkewei@cn.ibm.com	Beijing
Linsheng Yu	ChainNova	yls@chainnova.com	Beijing
Yueling Liang	Newell Brands	liangyl1987@hotmail.com	Shanghai
Yuan Jin	IBM	jinyuan@cn.ibm.com	Shanghai
Yaocheng Ye	Hyperchain	yaocheng.ye@hyperchain.cn	Hangzhou
Fei Cao	JBI	cophey@chainresearch.org	Nanjing
Zhu Jiang	IBM	zhujzhuj@cn.ibm.com	Beijing
Ruijun Ou	Aisino	ouruijun@aisino.com	Beijing
Min Luo	NTT	luo.min@lab.ntt.co.jp	Tokyo



https://wiki.hyperledger.org/groups/twgc/team_ie

Collaborations and Scenarios

- Help encourage the collaborations and adoptions
 - Collaborations between companies, organizations and projects
 - Landing more scenarios/apps

Name	Organization	Email	Location
Yin Cao	Energy-Blockchain Labs	caoyin@energy-blockchain.com	Shanghai
Bingbing Zhang	Energy-Blockchain Labs	bingbing.zhang@energy-blockchain.com	Shanghai
Kelvin Wang	Energy-Blockchain Labs	kelvin.wang@energy-blockchain.com	Shanghai
Chao Zhang	Hitachi Research	zhangc@hitachi.cn	Beijing

https://wiki.hyperledger.org/groups/twgc/team_cs



Energy Blockchain Labs (能源区块...)
Radarwin (雷盈科技)
美的集团财务有限公司区块链创新实...
Zhi Lian (智链)
HyperChain (趣链)
Huawei (华为)
Wanda (万达)
NTT (日本電信電話)
Hitachi (日立)

Events Organization

- Help instruct the events organization
 - Meetups
 - Workshop
 - Hackathon
 - Hackfest

Name	Organization	Email	Location
Zhou Xing	IBM	xingzhou@cn.ibm.com	Beijing
Zhoudong Ji	Wanda	jizhoudong@wanda.cn	Shanghai

Topic	Description	Event Links
Hyperledger Hackathon/Day/Hackfest	Beijing on June 19~20, 2017	Hackfest-Beijing
Hyperledger Workshop	Beijing on June 18	huodongxing.com
Energy Blockchain Meetup	Shanghai on Mar 11, 2017	huodongxing.com
1st Asia Hackathon	Shanghai on Mar 11&12, 2017	website
Shanghai Meetup	Shanghai on 2017-03-04	huodongxing.com
Shenzhen Meetup	Shenzhen on 2017-01-07	huodongxing.com
Beijing Meetup	Beijing on 2016-12-25	huodongxing.com meetup.com

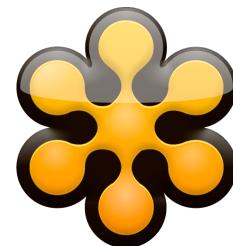
https://wiki.hyperledger.org/groups/twgc/team_eo



Open Communications

- Open Communications

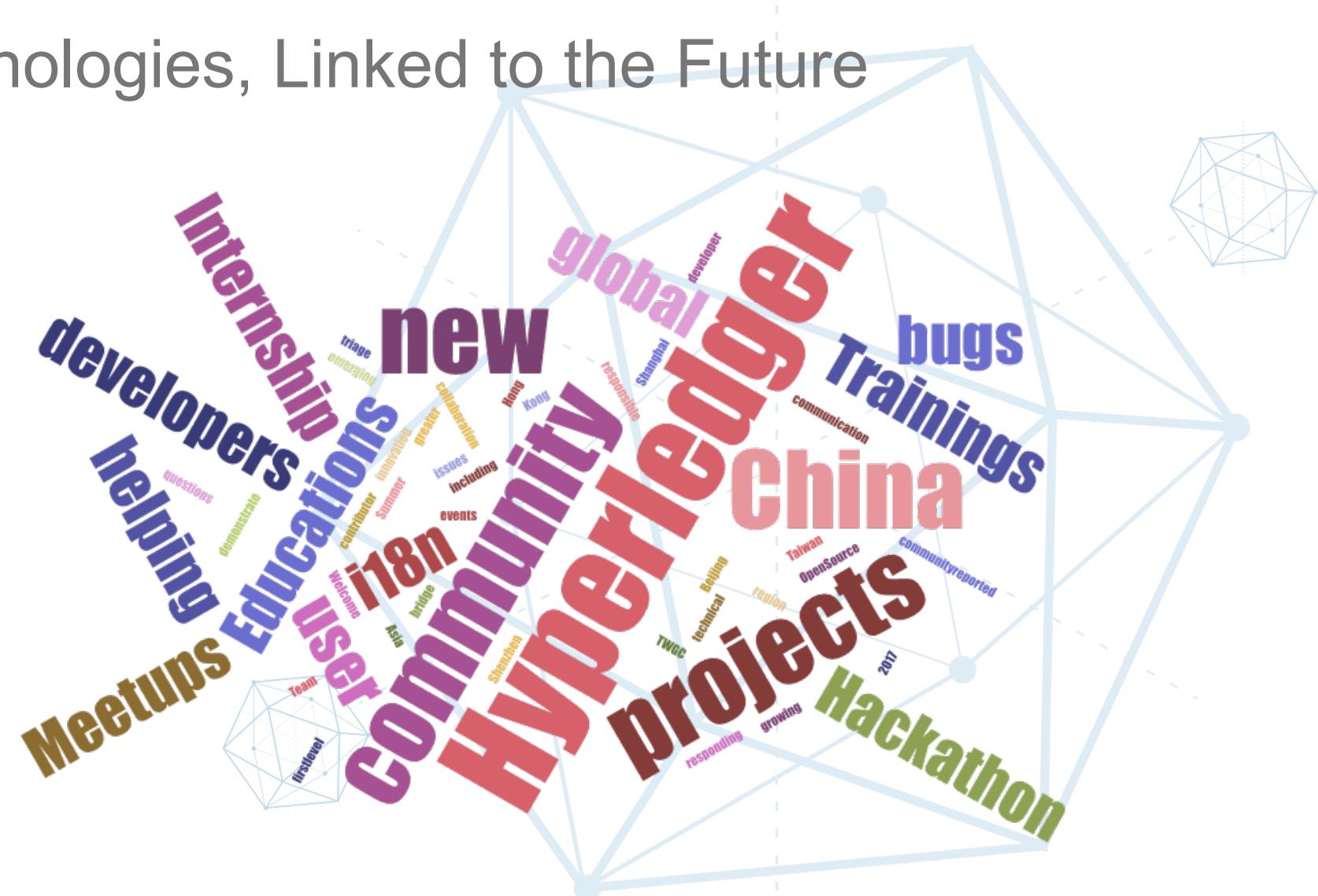
- [Mail-list](#)
- [Rocket chat](#)
- [Meetings](#)
- [Wiki](#)
- [Github](#)



Our Vision

- Open-source Technologies, Linked to the Future

- Trust
- Collaboration
- Win-Win
- Openness



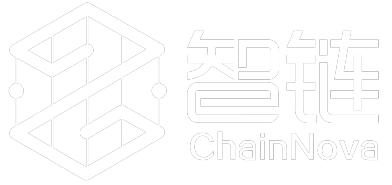
Useful Links

- Wikipage
 - wiki.hyperledger.org/groups/tsc/technical-working-group-china
- Email
 - lists.hyperledger.org/mailman/listinfo/hyperledger-twg-china
 - hyperledger-twg-china@lists.hyperledger.org
- Online Chat
 - [twg-china](#)
- Call Meetings Bi-Wednesday
 - 11AM at <https://www.uberconference.com/hyperledger-community>



Internationalization and Education of Hyperledger

*Wenjie(Jay) Xie, CTO
ChainNova Technologies Co., Ltd.*



PEER NOVA

Brief Introduction

- To better promote the development of Hyperledger in China and make it easier for the public to learn and use, Technical Working Group China set up an internationalization and education team of Hyperledger in March, 2017.
- 100+ members from big enterprises and universities in China participate in this team.
- 12 fabric documents have been translated.
- Several summaries of Hyperledger projects have been made.

Main Target

- Providing a sample translation for the terms, concepts of Hyperledger to make learning and exchange easier in Chinese
- Translating documents of Hyperledger projects, sharing learning achievements
- Editing materials and organizing educational training activities

Challenges

- Translation contents need updating with the changes of official documents as possible.
- It requires reviewers to properly dispose the document style and use of terms for people to learn more easily.
- Wiki is not easy for people to collaborate and manage versions.
- It needs more volunteers to make more high-quality contributions.
- How to engage more people in the work of promoting the community internationalization.

Gains for Volunteers

- Exchanging with and learning from experts
- Making Blockchain and Hyperledger known by more people
- Gaining good reputations from peers for demonstrating your knowledge



Ways of Involvement

Log in the official wiki of Hyperledger (https://wiki.hyperledger.org/groups/twgc/team_ie) , and then edit relevant contents by filling up the contributor list with your personal information.

- **Getting a translation task**

You can add your name in the contributor list in “available” documents, and change into “editing” state. You get the task by doing this. Others are waiting for your translation. After finishing translating, you can put the final contents into relevant websites and change the state into “Done! Any review is welcome.”.

- **Reviewing translations from others**

You can read documents in this state “Done! Any review is welcome.” . If you find out any improper content in the articles, you can revise it directly or discuss it in the group.

- **Adding personal documents**

If you can't find out a document you want to translate in the to-be-translated list, you can add one according to the list form by yourself. The relevant documents or educational training contents of Hyperledger should be put into the “Education” column.



Welcome to join us!

https://wiki.hyperledger.org/groups/twgc/team_ie

Our Activities Till Now

- Meetups
- Hackthon
- Mini-Academy(online wechat classes)
- Workshop

2016.12.25 Beijing Hyperledger Meetup

- Date: 2016.12.25 13:00~17:00
- Venue: Garage Coffee, Beijing
- Attendees: 140+ people from more than 45 companies registered, 100+ show up
- Organizers: IBM, Hyperledger China TWG, Linux Foundation
- Topics
 - Introduction to BlockChain and HL(IBM)
 - How to Setup HL Runtime(IBM)
 - Chain Code in Action(IBM)
 - HL User Stories(several enterprises)



2017.1.7 Shenzhen Hyperledger Meetup

- Date: 2017.1.7 13:00~17:00
- Venue: DaZhongHua Financial Center, Shenzhen
- Attendees: 240+ people from more than 40 companies registered and 200+ people show up
- Organizer: Futian District Government of Shenzhen, IBM, Hyperledger China TWG
- Topics
 - Introduction to BlockChain and HL(IBM)
 - How to Setup HL Runtime(IBM)
 - Chain Code in Action(IBM)
 - How to Upgrade Chain Code(Huawei)



2017.3.4 Shanghai Hyperledger Meetup

- Date: 2017.3.4 13:00~17:00
- Venue: Tongji University
- Attendees: 100+ developers from more than 20 companies registered and near 100 people show up
- Organizers: Tongji University, Wutong Tree, IBM, Hyperledger China TWG
- Topics:
 - Introduction to BlockChain and HL(IBM)
 - How to Setup HL Runtime(IBM)
 - User Stories(Energy Chain Lab , Wutong Tree)
 - HL Round Table(Tongji University , IBM, Energy Chain Lab , Wutong Tree)



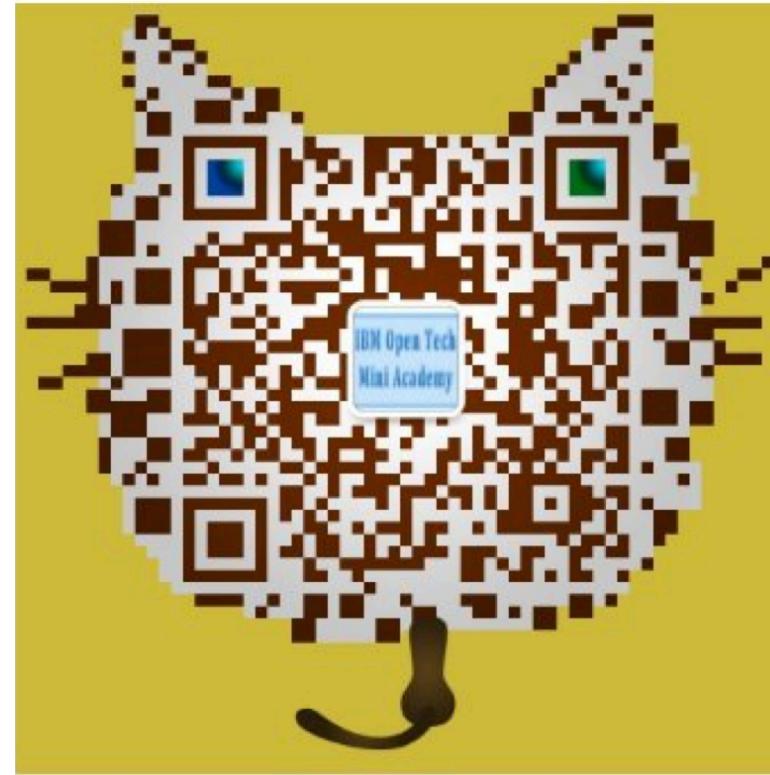
2017.3 Shanghai Hackthon

- Date: 2017.3.11~3.12
- Venue: Shanghai Wanda Reign Hotel
- Attendees: 36 teams, 140+ registered for Hackthon
- Organizers: IBM, Wanda Group, Linux Foundation
- Topics
 - Hyperledger Hackthon
 - Hyperledger Forum



2017.Mar~May Online Mini-Academy

- IBM Open Technology Institute
 - Every Thursday evening at 8:00pm, an open source free online class
 - Have finished OpenStack series, Cloud Foundry series and container series
 - March 2nd to May 4th , we have finished 8 classes of Hyperledger series. The classes covered the topics like HL introduction, HL Fabric Deep Dive, the user stores of HL, etc
 - The replay link of all the HL 8 classes can be found here :
http://v.youku.com/v_show/id_XMjU2OTQwOTE1Ng==.html
 - Welcome to subscribe our wechat public channel named “ibmopentech” to receive our activity plans in the future!



2017.6.18 Beijing Hyperledger Workshop

- Date: 2017.6.18 13:00~17:00
- Venue: Zuo An Gong She
- Attendees: 140+ people registered with near 100 people show up
- Organizers: IBM, Hyperledger China TWG, Linux Foundation
- Topics
 - Hyperledger Fabric Deep Dive(IBM)
 - Hyperledger Fabric in Action(IBM)
 - Introduction to Hyperledger Composer(IBM)
 - User Stories(Wutong Tree)



More activities are coming

- Please subscribe
 - The announcement on huodongxing.com or meetup.org
 - Subscribe ibmopentech wechat public channel

https://wiki.hyperledger.org/groups/twgc/team_ie



TWGC Development

- Goal
 - help the development of hyperledger project in codes, tutorials, demos
- What we have now
 - status reports on biweekly group meetings
 - code contributions to hyperledger projects
 - answer questions through mailList/rocketChat/weChat
 - Encourage people to ask questions publicly, so that others can share the answers
 - You can speak Chinese, more friendly

TWGC Development

- Code Contributions
 - 16+ active contributors, 50+ commits average per month(count for the last 2 months, more if longer period)
 - Come from IBM / Huawei / Wanda .etc (recognized by name and email)
 - Contributor list maintained on
https://wiki.hyperledger.org/groups/twgc/team_di, feel free to add your information
 - focus on fabric/ cello/ fabric-sdk-py/ fabric-sdk-java/ fabric-ca/ sawtooth lake

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Dong Pan	pandong9@wanda.com	Wanda
Wei Han	499349274@qq.com	

TWGC Development

- What we will have
 - Training (IBM has done lots of trainings)
 - Technology sharing on Meetups
 - Technical discussion online or offline

https://wiki.hyperledger.org/groups/twgc/team_di

Contact me: jiangyaoguo@huawei.com



Questions?

Thank You!
@baohua

Slides available at github.com/yeasy/seminar-talk