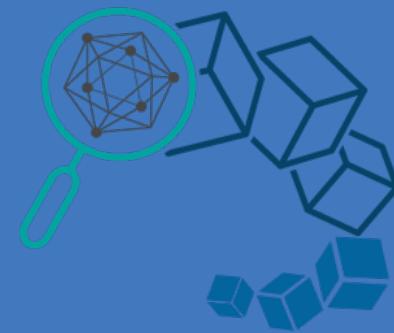




HYPERLEDGER
BLOCKCHAIN TECHNOLOGIES FOR BUSINESS



Hyperledger Community

Baohua Yang
Dec, 2017

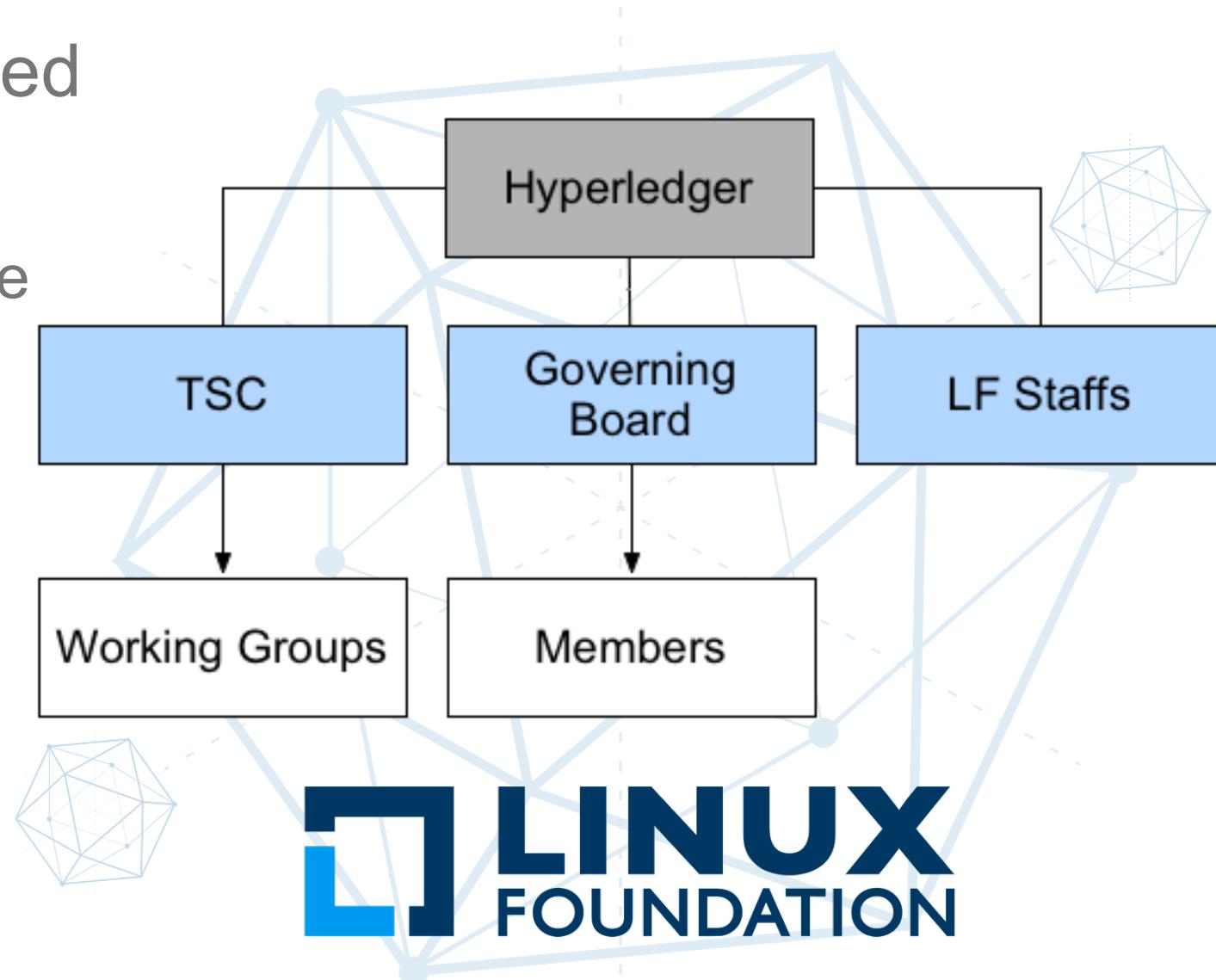
About Me

- **Interested Areas**
 - Fintech, Cloud and Analytics
- **Technical Leader**
 - Senior Researcher/Architect in IBM, Oracle
- **Open-Source Contributor**
 - [Hyperledger](#), [OpenStack](#), [OpenDaylight](#), etc.
- **Hyperledger Developer**
 - Core designer & committer of [Fabric](#), [Cello](#), [sdk](#) etc.
 - [Hyperledger Technical Steering Committee \(TSC\) Member](#)
 - [Hyperledger Technical Working Group China Chair](#)



Hyperledger Community

- Linux Foundation Supported Organizations
 - Technical Steering Committee
 - Governing Board
 - Linux Foundation Staffs
- TWG-China
 - 40+ Member Companies



Additional Community Working Groups

Working Groups are open to the public

**Technical
Working Group, China
(TWG - China)**

**Architecture
Working Group**

**Requirements
Working Group**

**Whitepaper
Working Group**

**Identity
Working Group**

**Blockchain Protocol
Working Group**

The Hyperledger Effect

THE WALL STREET JOURNAL.

How Blockchain
Will Save Your Life

80 PoCs

In 1H 2017
across supply chain, real
estate, music, trading



CoinDesk

Hyperledger's Next Act:
A Blockchain Bridge to China

MIT Technology Review

Web Pioneer Tries to Incubate
a Second Digital Revolution

3.6M

Lines of code

9

Code Bases

180+

Members (40+ in China)

THE NEW STACK

Blockchain Hyperledger
Project Generates Interest
in the Enterprise

600+

Average month-over-month
Global Press Articles Covering
Hyperledger in 2016



HYPERLEDGER

BLOCKCHAIN TECHNOLOGIES FOR BUSINESS

Community and Ecosystem Engagement

Behlendorf is a regular keynoter and Hyperledger exhibits at cross-industry events.

Hyperledger Member Summit.

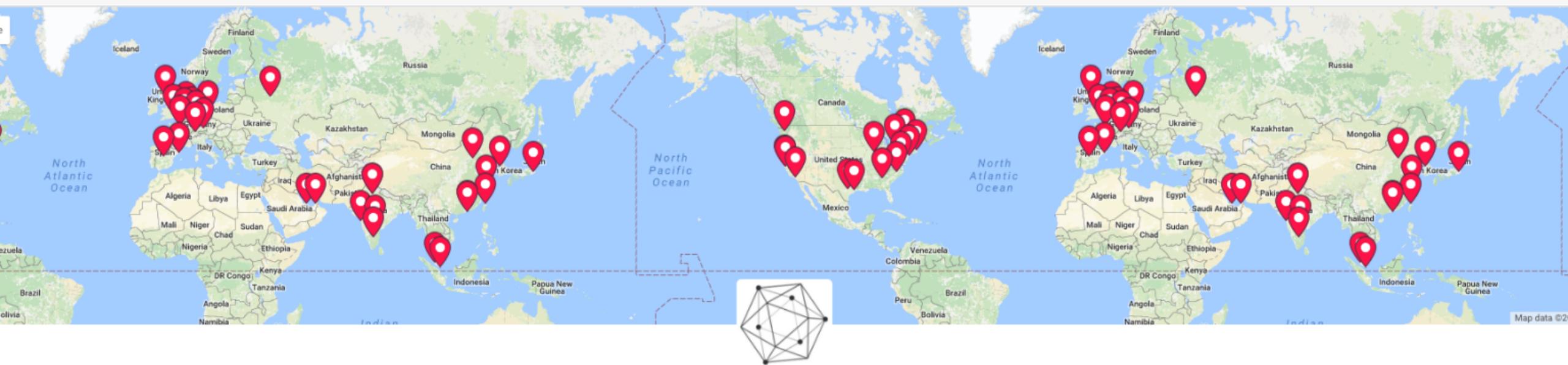
Active engagement with technology and finance journalists and analysts to continue educating the market on Hyperledger.

hyperledger.org/news

Technical Steering Committee hosts regular online and face-to-face hackathons. Join our mailing lists to learn about these and other technical activities. hyperledger.org/community



Hyperledger Global Meetups

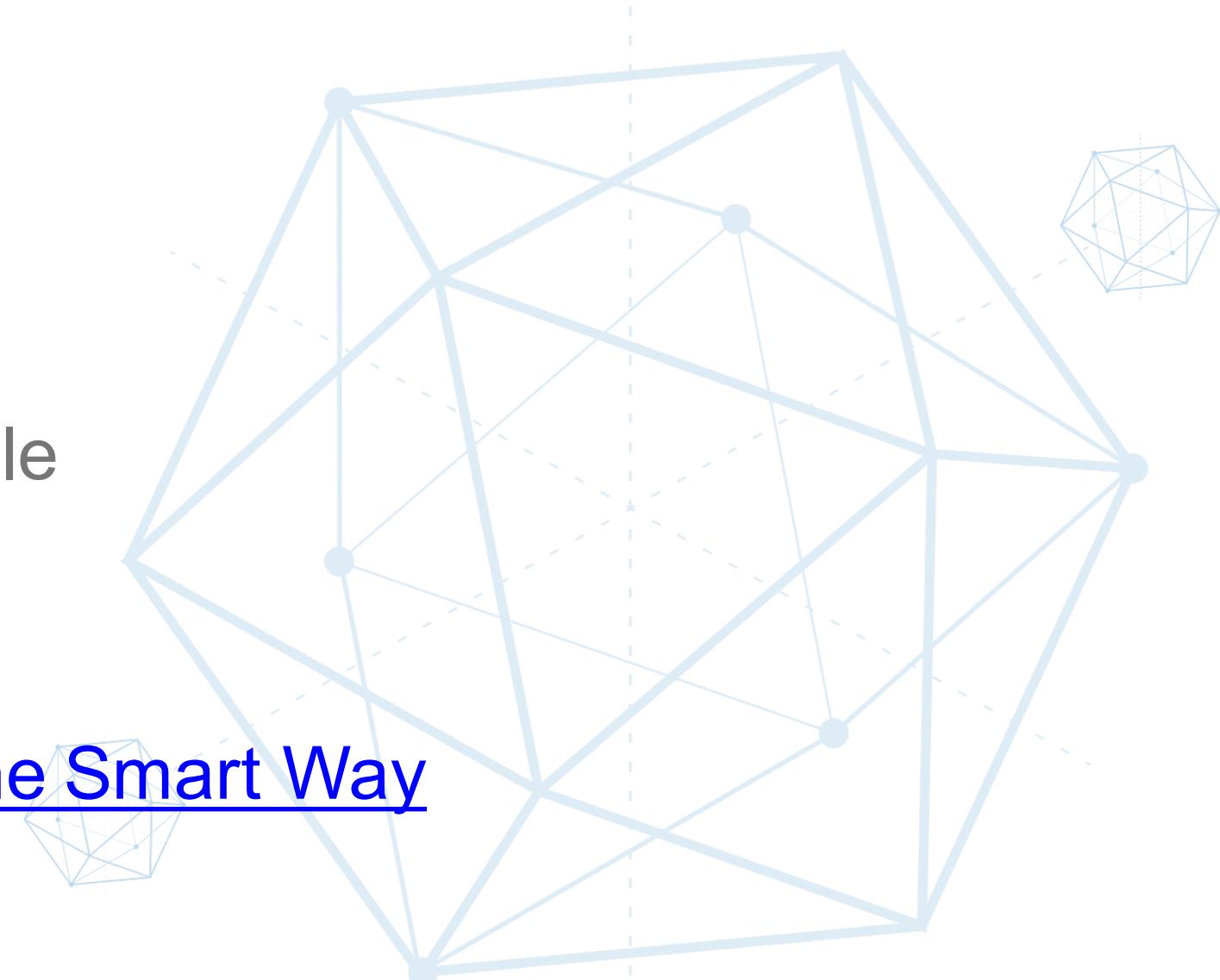


Hyperledger Meetups

We are **20,400+ members** across **71 Meetups**

Open-source Community Culture

- Open is the 1st principle
 - Open mind
 - Open discussions
 - Open standpoints
- Be modest and responsible
- Self-motivation, just fix it!
- How To Ask Questions The Smart Way



How To Ask Questions The Smart Way

在你准备要通过电子邮件、新闻群组或者聊天室提出技术问题前，请先做到以下事情

1. 尝试在你准备提问的论坛的旧文章中搜索答案。
2. 尝试上网搜索以找到答案。
3. 尝试阅读手册以找到答案。
4. 尝试阅读常见问题文件 (FAQ) 以找到答案。
5. 尝试自己检查或试验以找到答案
6. 向你身边的强者朋友打听得以找到答案。
7. 如果你是程序开发者，请尝试阅读源代码以找到答案

- 使用有意义且描述明确的标题
- 使问题容易回复
- 用清晰、正确、精准并合法语法的语句
- 使用易于读取且标准的文件格式发送问题
- 精确的描述问题并言之有物
- 话不在多而在精
- 别动辄声称找到Bug
- 可以低声下气，但还是要先做功课
- 描述问题症状而非猜测
- 按发生时间先后列出问题症状
- 描述目标而不是过程
- 别要求使用私人电邮回复
- 清楚明确的表达你的问题以及需求
- 询问有关代码的问题时
- 别把自己家庭作业的问题贴上来
- 去掉无意义的提问句
- 即使你很急也不要再标题写紧急
- 礼多人不怪，而且有时还很有帮助
- 问题解决后，加个简短的补充说明



Technical Working Group China

- Founded at Dec, 2016
 - Supported by Hyperledger TSC, Governing Board, and LF
- Responsibilities
 - Help build technical community in Greater China area
 - Promote the Hyperledger technical development and adoptions
 - Bridge and develop the Open-source culture



100+ Volunteers

Welcome for More Volunteers



ChainNova



HITACHI



Existing Working Areas



Innovation



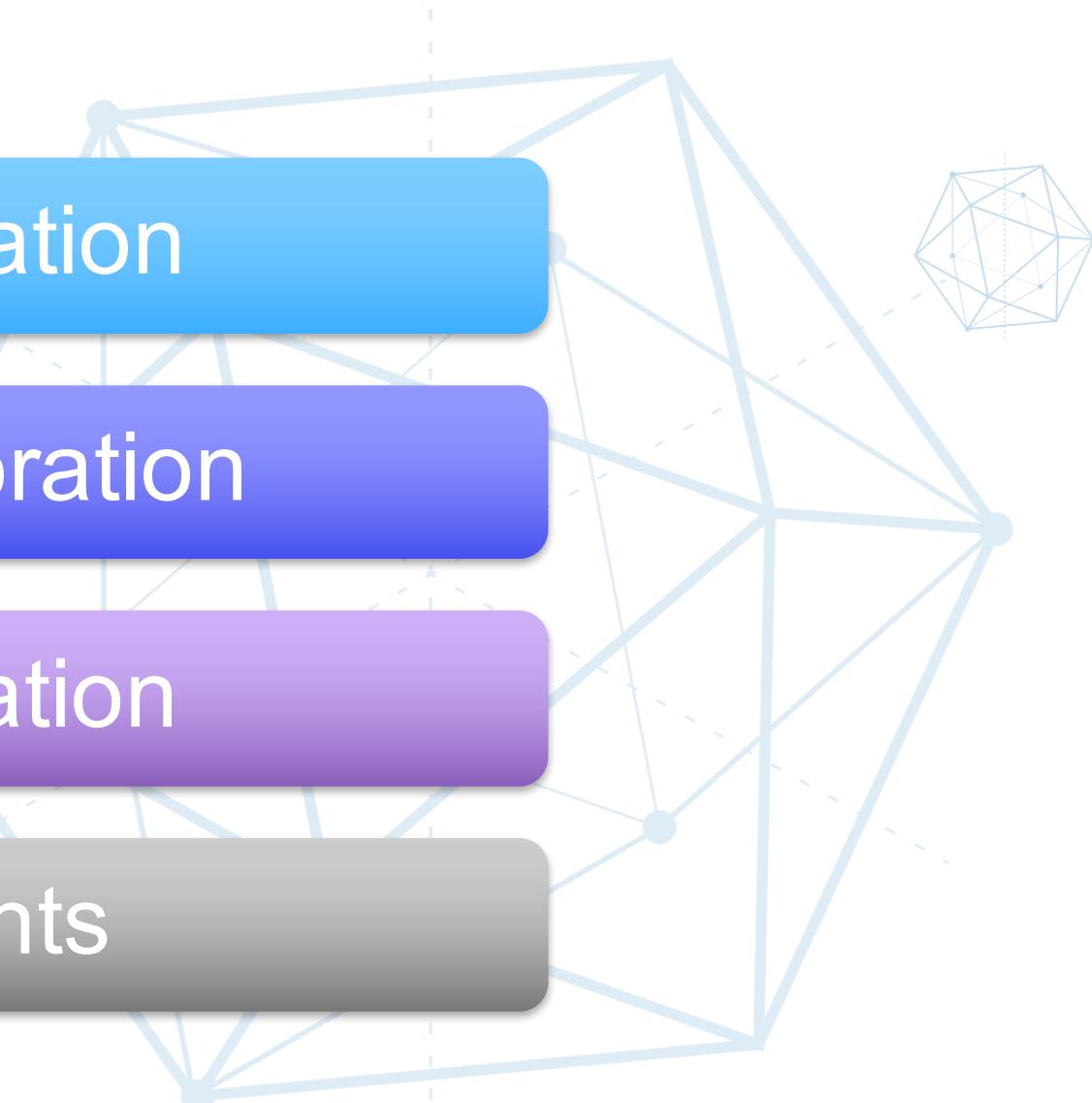
Collaboration



Education



Events

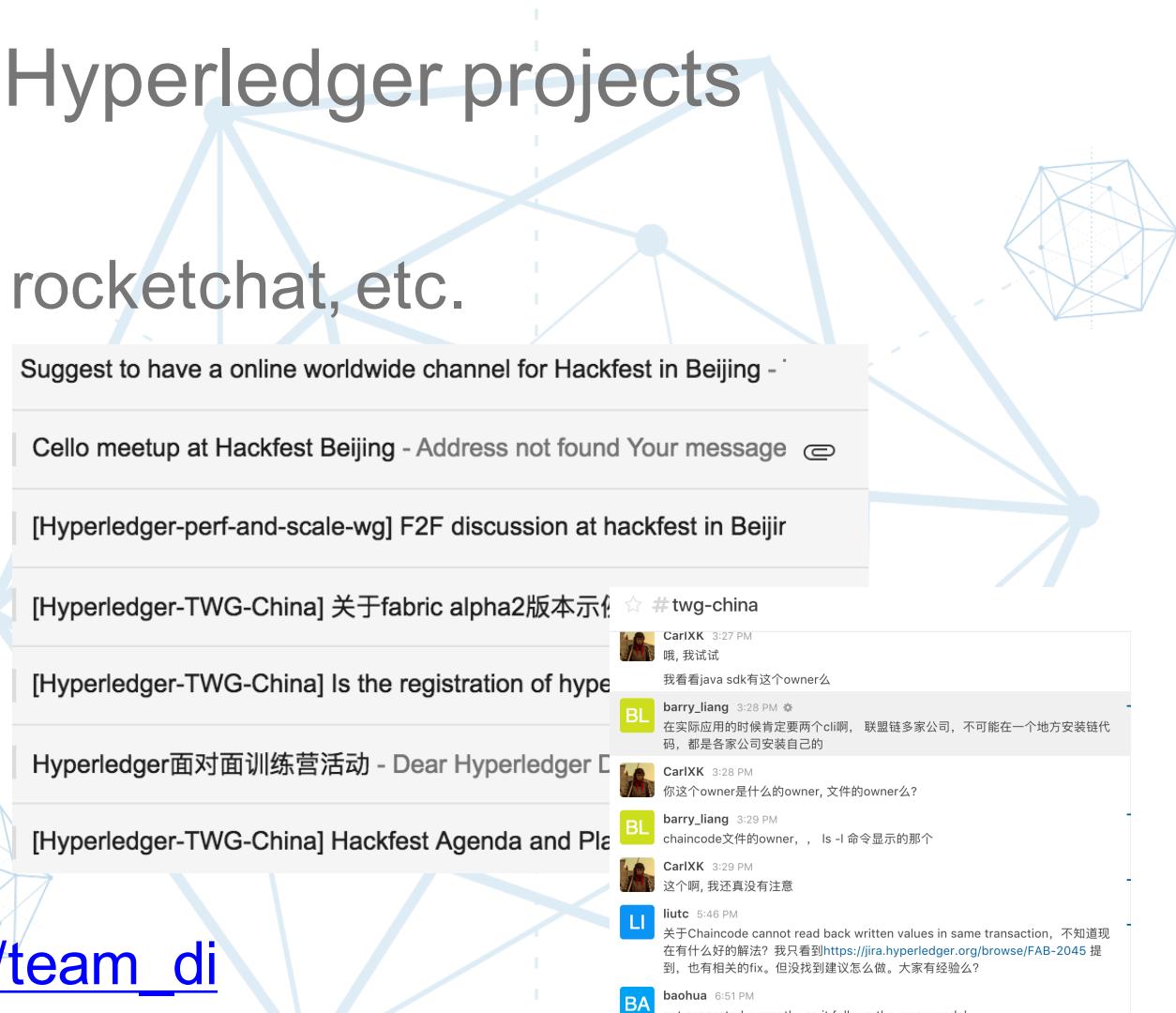


Development and Innovation

- 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
Zhangjiong Xuan		Hyperchain	xuanzhangjiong@hyperchain.cn	Hangzhou
Bei Wang	beiwang	Yunphant	wangbei@yunphant.com	Hangzhou

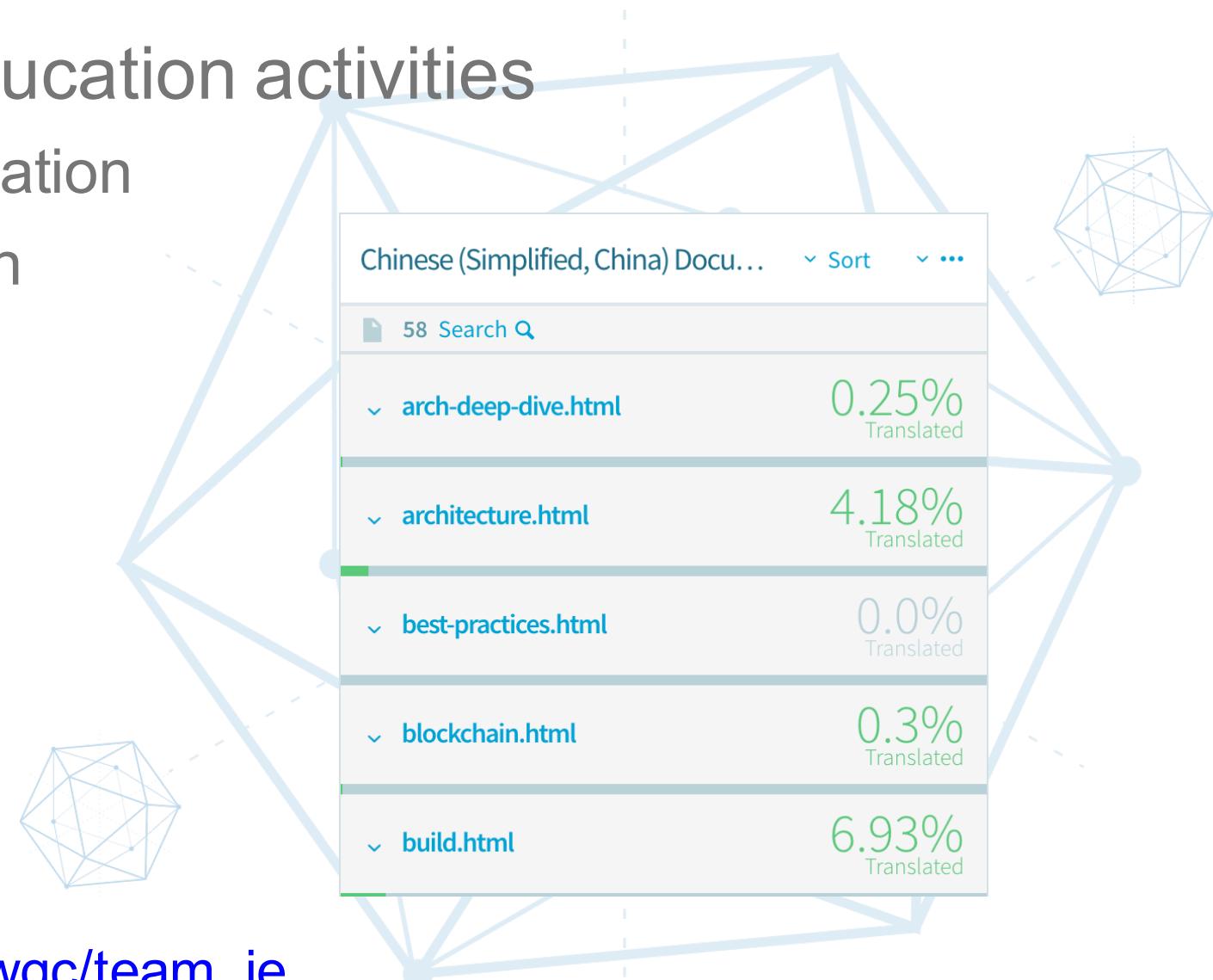
https://wiki.hyperledger.org/groups/twgc/team_di



i18n and Education

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

Name	Organization	Email	Location	Zanata ID	Role
Linsheng Yu	ChainNova	yis@chainnova.com	Beijing	linsheng	Maintainer
Jiannan Guo	IBM	guojiannan1101@gmail.com	Beijing	guoger	Maintainer
Kewei Sun	IBM	sunkewei@cn.ibm.com	Beijing		Translator
Yueling Liang	Newell Brands	liangyl1987@hotmail.com	Shanghai		Translator
Yuan Jin	IBM	jinyuan@cn.ibm.com	Shanghai		Translator
Yaocheng Ye	Hyperchain	yaocheng.ye@hyperchain.cn	Hangzhou		Translator
Fei Cao	JBI	cophey@chainresearch.org	Nanjing		Translator
Zhu Jiang	IBM	zhujzhui@cn.ibm.com	BeiJing		Translator
Ruijun Ou	Aisino	ouruijun@aisino.com	Beijing		Translator
Min Luo	NTT	luo.min@lab.ntt.co.jp	Tokyo		Translator
Zhangjiong Xuan	Hyperchain	xuanzhangjiong@hyperchain.cn	Hangzhou	topjohn	Translator
ShaoXi Qiu	OneChain	qiushaoxi@163.com	Shanghai	qiushaoxi	Translator
Dijun Liu	CETC30	flyinox@163.com	Chengdu		Translator
Qiang Sheng	Golo	shengqiang_1001@163.com	Shenzhen	shengqiang	Translator
Dinghao Liu	Yunphant	dinghaoliu@yunphant.com	Hangzhou		Translator
Bei Wang	Yunphant	wangbei@yunphant.com	Hangzhou	wangbei	Translator
Qingpeng Cai	Yunphant	qingpengcai@yunphant.com	Hangzhou		Translator
Yunxiao Wang	Yunphant	wangyx@yunphant.com	Hangzhou		Translator
Jing Cao	Hyperchain	caojing@hyperchain.cn	Hangzhou		Translator



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
HaoHan.Hero	Anne inc.	haohan@anne.com.cn	Beijing
ZhaoFang Han	ArxanFintech	frank@arxanfintech.com	Beijing
Jianhua Geng	ArxanFintech	david@arxanfintech.com	Beijing
Fan Yang	ArxanFintech	tony@arxanfintech.com	Beijing
Sheng Huang	IBM	huangssh@cn.ibm.com	Shanghai

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...
版权区块链联盟

Zhi Lian (智链)

HyperChain (趣链)

Huawei (华为)

Wanda (万达)

ArxanFintech (阿尔山金融科技)

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	Topic	Description	Sponsor	Event Links
Zhou Xing	IBM	xingzhou@cn.ibm.com	Beijing	Hyperledger Meetup	Beijing on Dec 23, 2017	Call for sponsors/speakers/volunteers	Beijing Meetup 2017-12-23
Hao Han	Anne inc.	haohan@anne.com.cn	Beijing	Hyperledger Meetup	Shanghai on Dec 09, 2017	复旦大学计算机科学技术学院“区块链技术联合创新中心”	Shanghai Meetup 2017-12-09
Zhoudong Ji	Wanda	jizhoudong@wanda.cn	Beijing	Hyperledger Meetup	Beijing, Nov 25, 2017	Call for sponsors/speakers/volunteers	Beijing Meetup 2017
Sheng Huang	IBM	shhuang@fudan.edu.cn	Beijing	Hyperledger Meetup	Shanghai on Nov 18, 2017	复旦大学计算机科学技术学院“区块链技术联合创新中心”	Shanghai Meetup 2017-11-18
Jiannan Guo	IBM	guojiannan1101@gmail.com	Beijing	Hyperledger Meetup	Beijing On Sep 16,2017	Anni	huodongxing.com
Zhujun He	ChainNova	hezhujun@chainnova.com	Beijing	Hyperledger Meetup	Beijing On Aug 19, 2017	ChainNova, IBM, TWGC	huodongxing.com
				Hyperledger Hackathon Day/Hackfest	Beijing on June 19~20, 2017	Linux Foundation, TWGC	Hackfest-Beijing
				Hyperledger Workshop	Beijing on June 18	IBM, TWGC	huodongxing.com
				Hyperledger Meetup	Shanghai on Mar 11, 2017	Energy Blockchain Lab	huodongxing.com
				1st Asia Hackathon	Shanghai on Mar 11&12, 2017	Wanda, IBM, TWGC	website
				Shanghai Meetup	Shanghai on 2017-03-04	IBM, TWGC	huodongxing.com
				Shenzhen Meetup	Shenzhen on 2017-01-07	IBM, TWGC	huodongxing.com
				Beijing Meetup	Beijing on 2016-12-25	IBM	huodongxing.com meetup.com

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

Open Communications

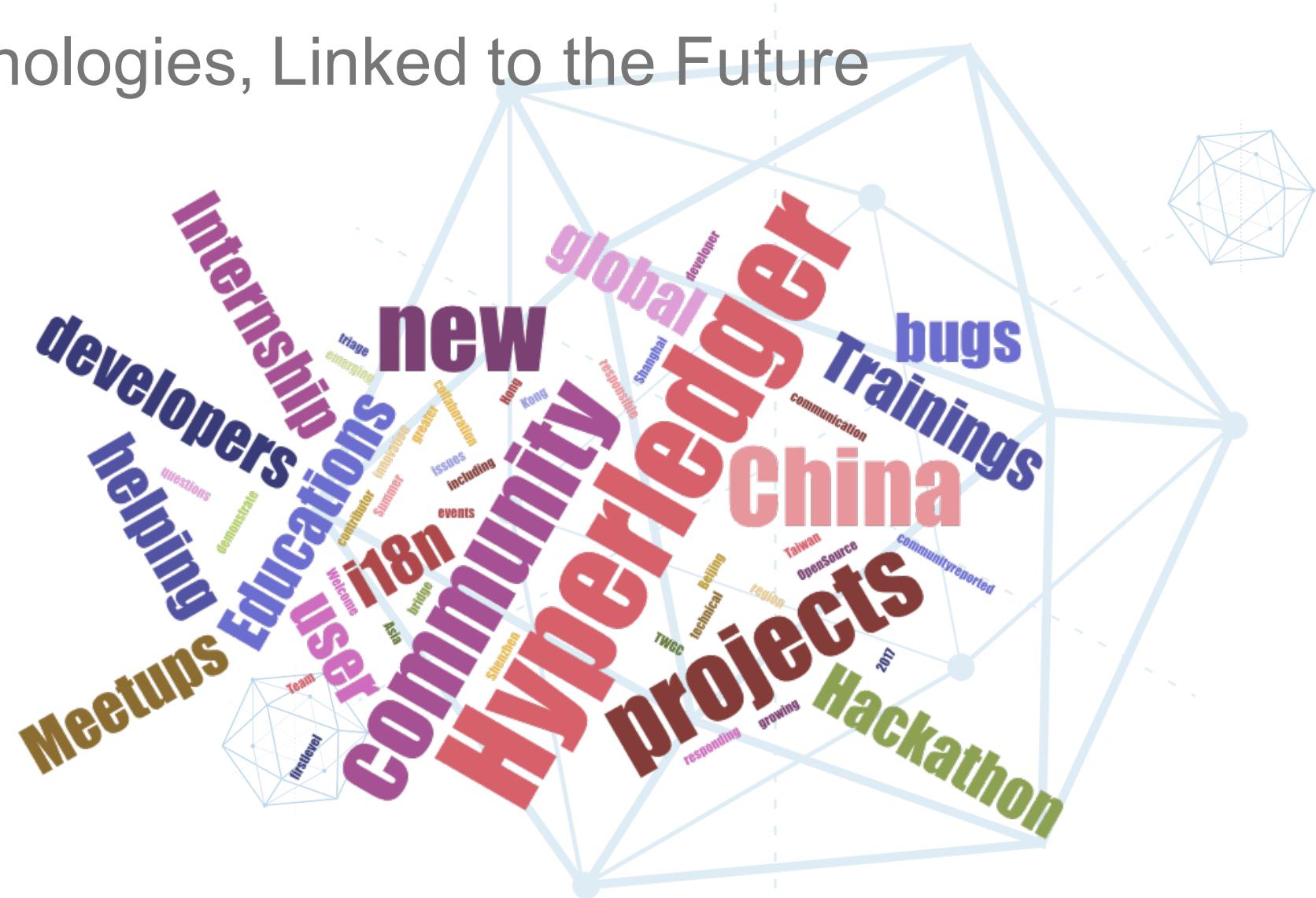
- Open Communications

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



Our Vision

- Open-source Technologies, Linked to the Future
 - Trust
 - Collaboration
 - Win-Win
 - Openness

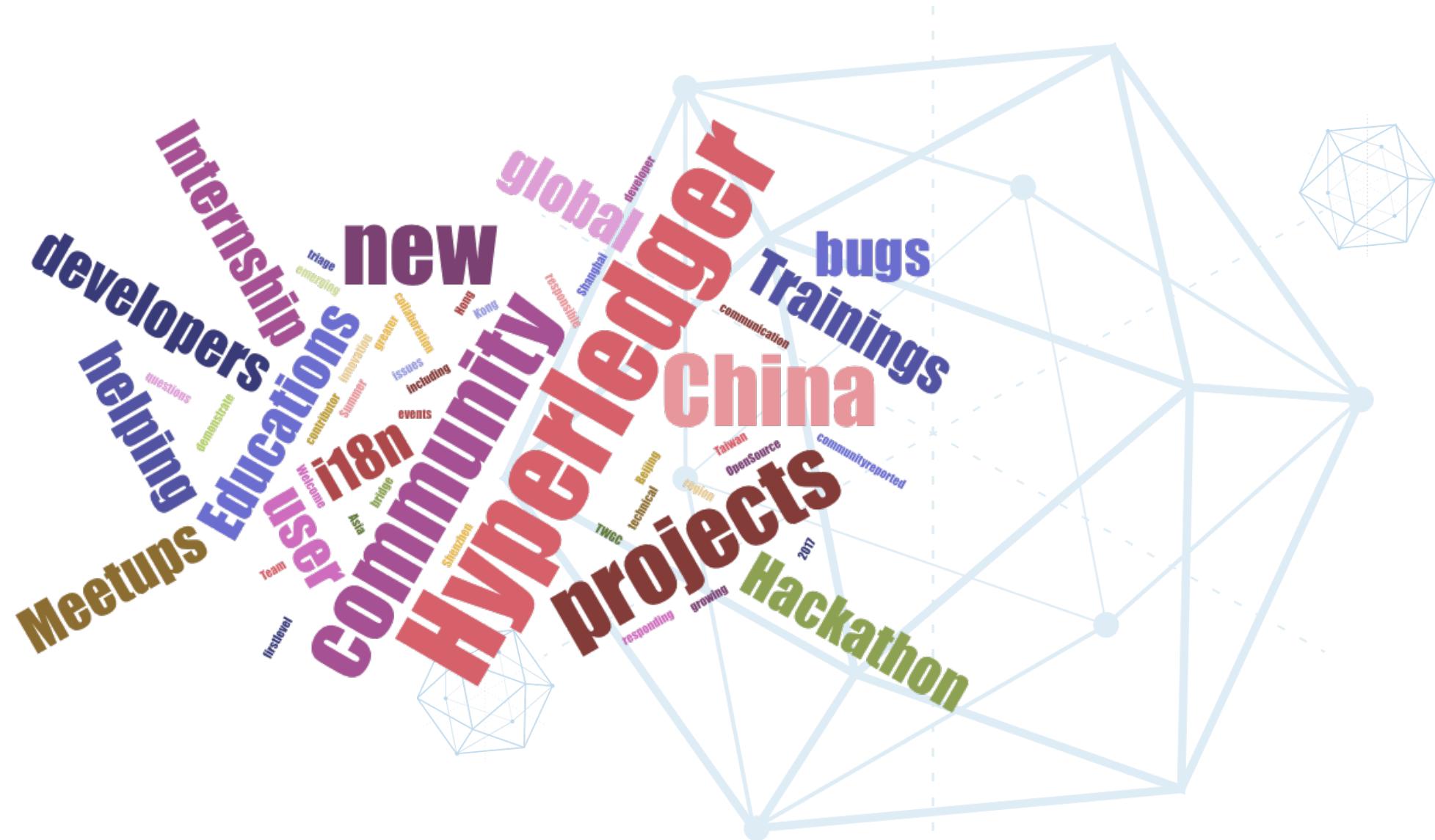


Useful Links

- Wikipage
 - wiki.hyperledger.org/groups/tsc/technical-working-group-china
- Email
 - hyperledger-twg-china@lists.hyperledger.org
- Online Chat
 - [twg-china](#)
 - Wechat public account: [If_hyperledger](#)
- Call Meetings Bi-Wednesday
 - 10AM on Wednesday



Technical Working Group China



Reference

- Hyperledger Project
- 《区块链原理设计与应用》
- 《Docker 技术入门与实战》
- 超级账本 Fabric 源码剖析
- github.com/yeasy/blockchain_guide





Questions?

Thank You!
@baohua

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