



THE
APACHETM
SOFTWARE FOUNDATION



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Who am I?™

- Niclas Hedhman
- Born in Sweden, 1964
- Lived in Malaysia for >20 years
- Lived in Shanghai 2010-2014, 2015-2016
- Contributed to Apache since 1997
- Co-Founder of Apache Polygene
- Freelance Software Designer & Problem Solver





Apache Software FoundationTM

Community of Communities!



Community over Code!

Community over Code™



“Only the combination of Great Vision and Bad Code creates Great Communities!”

-- Stefano Mazzocchi



Community over Code™



- Membership of INDIVIDUALS!
- Independence
 - No “pay to play”
 - Neutrality -- companies, organizations, governments
- Meritocracy - merit is earned, not given. Life long.
- Be Respectful, Be Inclusive.

Community over Code™



- Open Development
 - Asynchronous -- different schedules
 - “If not on mailing list, it didn’t happen...”
- Release Early, Release Often
- Consensus Driven
- Quality Focused





The Apache Way

Large Community™

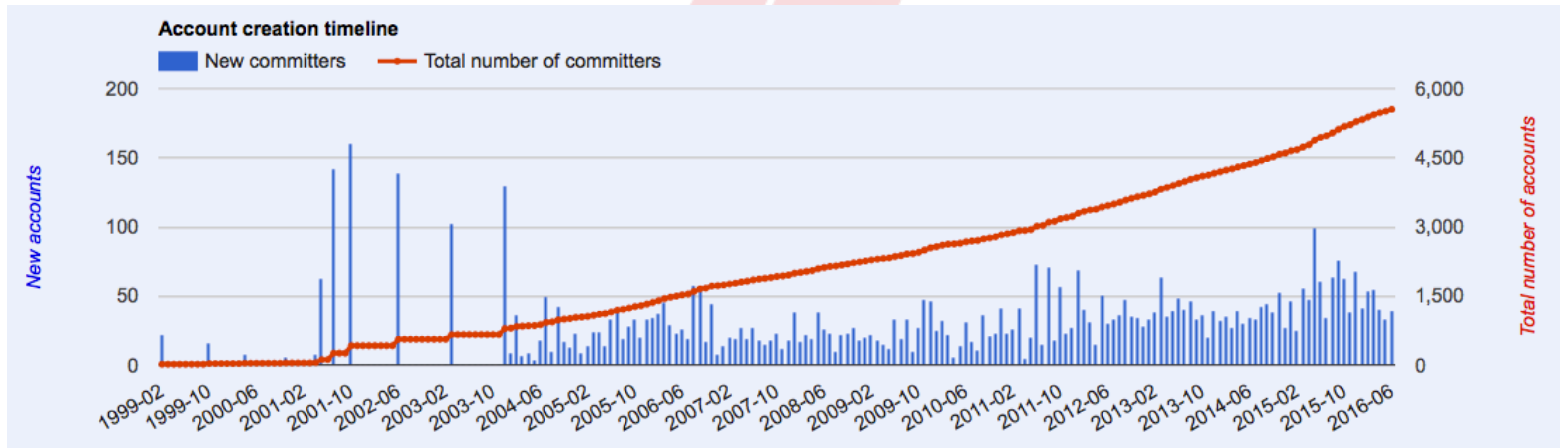


- Membership, 686 current, 97 emeritus, 4 deceased
- Committers, 6018 in LDAP group
- Contributors, +3397 ICLAs filed

Data on 2018-Jan-05



People



Community of Communities!™

- Membership
- Board
- Special Committees (5)
 - Legal Affairs, Brand Management, Travel Assistance, Infrastructure, Security Team
- Project Management Committees (193)



Community of Communities!™

- Chairman, Vice Chairman => Board
- President => Operations
- Treasurer, Assistant Treasurer => Finance
- Secretary, Assistant Secretary => Paperwork
- Executive Vice President => a bit of everything

CommunitiesTM

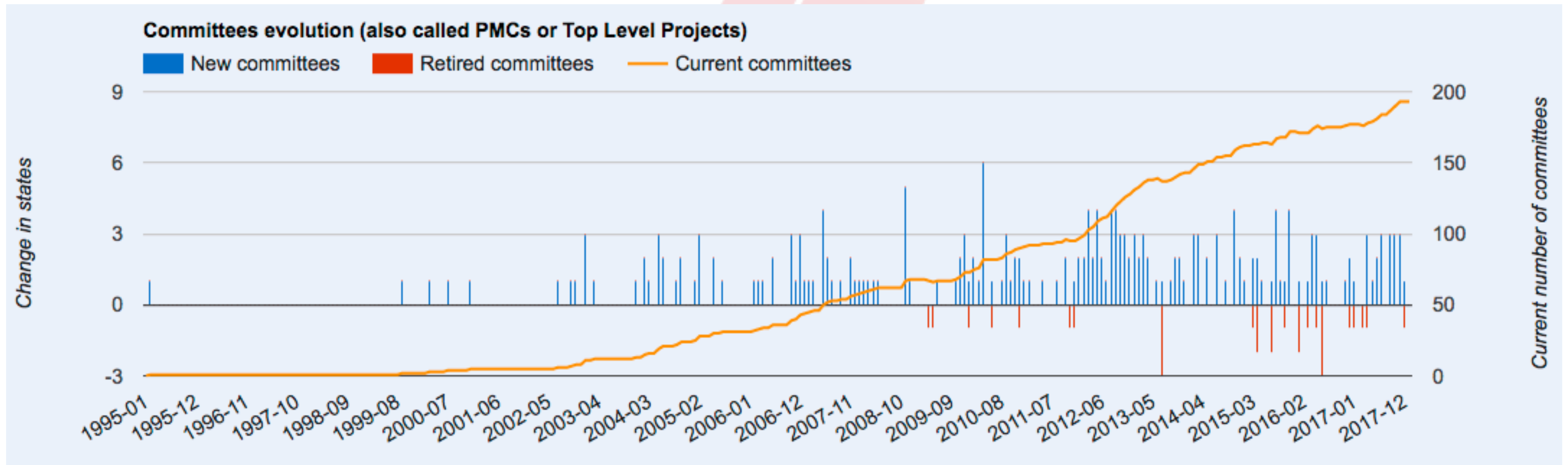


- 193 Project Management Committees (Top Level Projects)
- 318 Projects
- 53 Incubating projects
- 5-6 contractors (part-time and full-time)
- Countless Volunteer-hours

Data on 2018-Jan-05

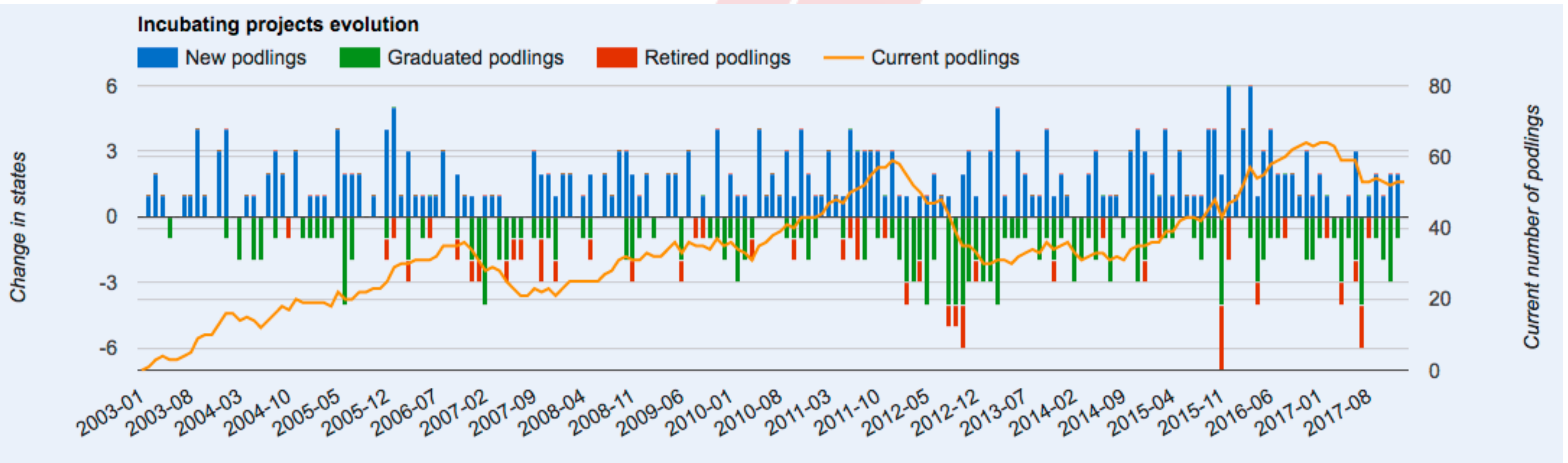


Communities



Data on 2018-Jan-05

Incubating Communities



Data on 2018-Jan-05

Community Sizes



- [Apache Hadoop](#): 176 committers, 91 PMC members
- [Apache OpenOffice](#): 140 committers, 28 PMC members
- [Apache CloudStack](#): 116 committers, 47 PMC members
- [Apache Ambari](#): 97 committers, 45 PMC members
- [Apache Cordova](#): 91 committers, 88 PMC members
- [Apache Geode](#): 86 committers, 41 PMC members
- [Apache Subversion](#): 83 committers, 45 PMC members
- [Apache Cocoon](#): 80 committers, 32 PMC members
- [Apache MyFaces](#): 78 committers, 43 PMC members
- [Apache Hive](#): 75 committers, 41 PMC members

- [Apache Empire-db](#): 9 committers, 10 PMC members
- [Apache Fluo](#): 9 committers, 8 PMC members
- [Apache Juneau](#): 9 committers, 9 PMC members
- [Apache Pivot](#): 9 committers, 7 PMC members
- [Apache Steve](#): 9 committers, 5 PMC members
- [Apache Roller](#): 8 committers, 5 PMC members
- [Apache Streams](#): 8 committers, 8 PMC members
- [Apache Twill](#): 8 committers, 6 PMC members
- [Apache VCL](#): 8 committers, 7 PMC members
- [Apache Johnzon](#): 7 committers, 6 PMC members

Data on 2018-Jan-05



Budget™



- FY 2018
 - Income: \$1,226,540 (mostly Sponsorship)
 - Expenses: \$1,394,386 (Infra+Brand+PR >75%)

Income

- Sponsorships

- Contributions



Thanks to Sponsors





Apache License version 2.0

Apache LicenseTM



- Permissive, commercial-friendly
 - Attribution - acknowledge our work in your work
 - Sub-license is OK (commercial, open source,...)
 - Respect our Brands
 - No Warranty
 - Don't enforce your Patents

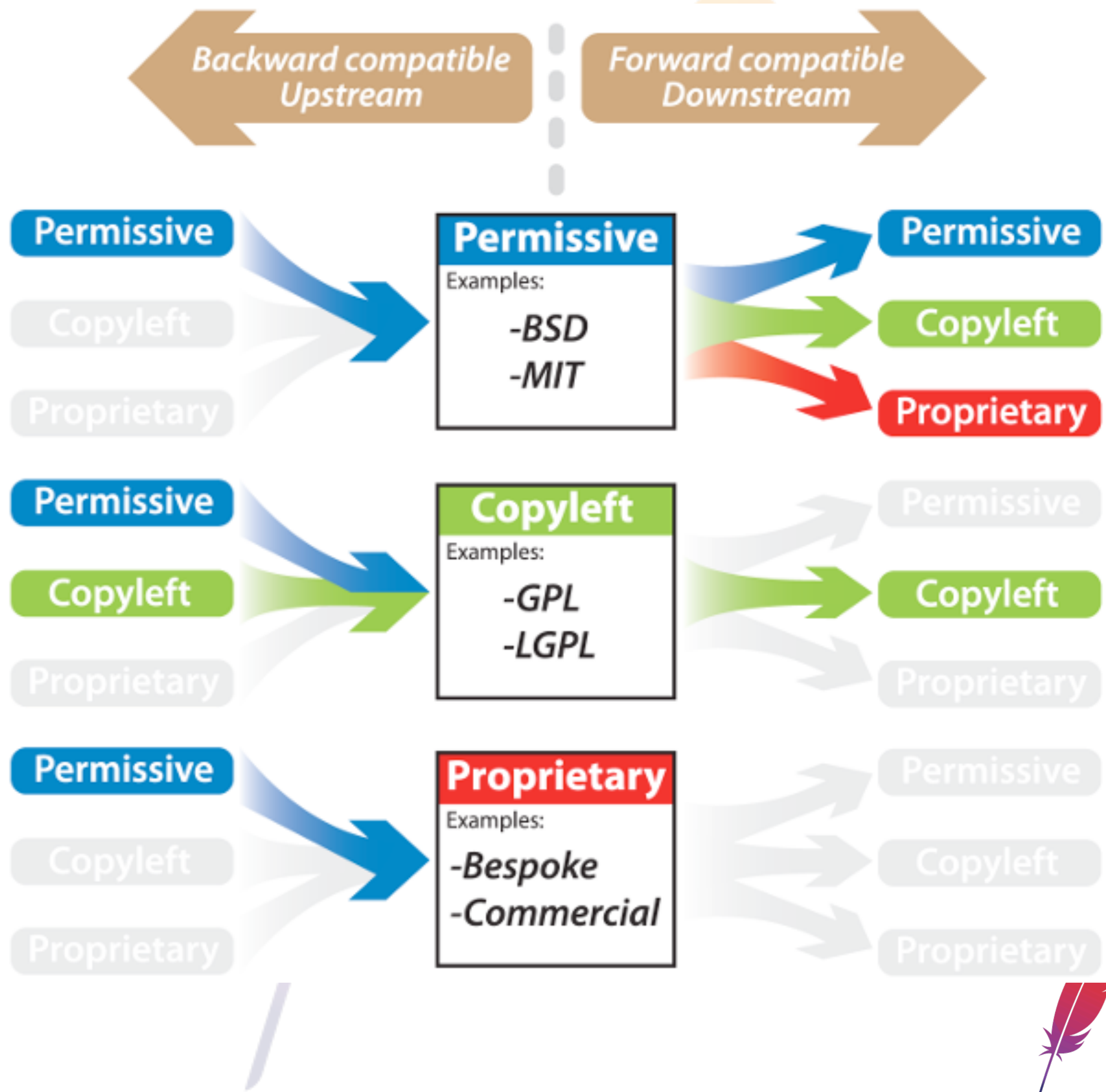



Apache LicenseTM



- Difference with GNU Public License (*Free Software Foundation*)
 - ALv2 is Universal Donor, GPL is Universal Recipient
 - GPL prevents proprietary licensing
 - GPL guarantees downstream source code is always open
 - GPL is called “copyleft”, the opposite of copyright







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Path to our Communities

Typical Path™



- User - consumer
- Contributor - smaller bug fixes, fix doc typos, help users
- Committer - advance the code base and documentation
- PMC Member - voice in project
- Member - voice in ASF
- Donor - grow the ASF, donate a project
- Sponsor - keep ASF alive



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Engaging the ASF

Why?

- “Giving Back!”, the right thing to do
- All software doesn’t give competitive advantage
- Recognition as Thought Leader & Innovator
- New People bring New Ideas, New Features and a Future



Apache Incubator

Incubation Process™



- Find a Champion
- Create a Proposal
- Submit to general@incubator.apache.org
- Recruit Mentors (~3)
- Incubation Period; 3 to 36 months

Questions??



niclas@apache.org

<https://projects.apache.org>

<https://incubator.apache.org>

<https://apache.org/foundation>

<https://apache.org/foundation/sponsorship.html>



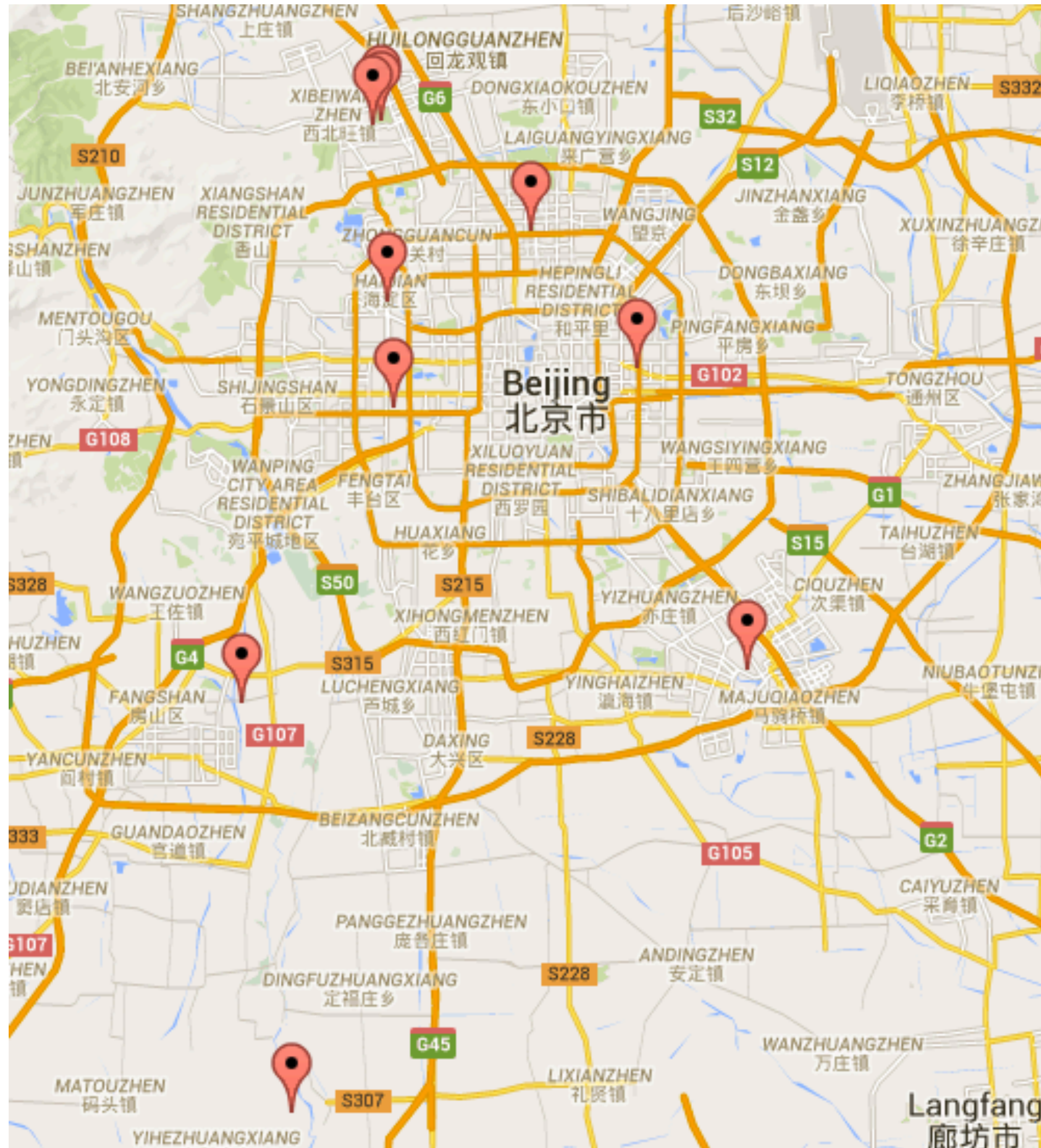
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CHINA

ChinaTM

- ASF has no physical presence ANYWHERE
- ~10(?) Members live in China, contributors == ??
- Apache Kylin - first top-level project from China
- Apache Storm 2.0 (JStorm) - contributed from Alibaba
- Other projects on the way in...

China



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China

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- Apache Roadshow,
 - 北京2009, 上海2010, 上海2011, 北京2015
 - Community-led, company-backed, university assisted
 - Low budget, mostly local content

China

- Strong interest
- Language & Cultural issues
 - English-only on mailing lists
 - Critique of work can be “harsh”
 - Chinese people are more reserved
- Future is looking good