Eclipse Collaborative Development

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Eclipse IP Process

- Ensure that projects from Eclipse can be used in proprietary products
- Lots of work by both projects and staff!
- Recent revisions
  - Type A: light-weight self-certification of license compatibility
  - Type B: as before...

IP Flows

License in == License out

The Eclipse Foundation does not acquire any IP rights in its projects
        Yes, that means re-licensing is really hard to do

- We get IP rights via:
  - Committer agreements
  - Eclipse Contributor Agreement (ECA)
  - Website terms of use

Intellectual Property Due Diligence

- Committers must be familiar with the IP Due Diligence rules
  - http://www.eclipse.org/legal/EclipseLegalProcessPoster.pdf
- All contributions must follow the rules
- All third-party libraries must be tracked
- IP Logs must be maintained
  - Do the due diligence, then use the code
  - (not the reverse)
  - Project code must always be consistent with IP Policy

The Eclipse Development Process

- Open source rules of engagement
- Governance, structure, definitions, reviews
- General framework for projects
- Day-by-day development rules/process is defined by the project

Openness

Chris J. Fry – flickr.com

Transparency

Andrew Magill – flickr.com

Meritocracy

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Freedom of Action

Vendor Neutral

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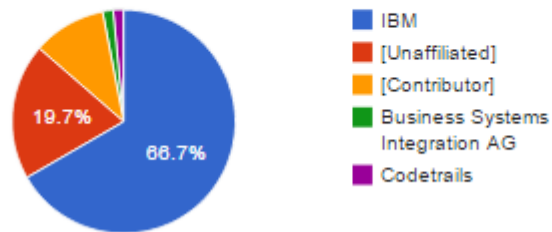
Protection of Trademarks

Over 250 Projects!

The Community is the Capacity

Corporate Transparency

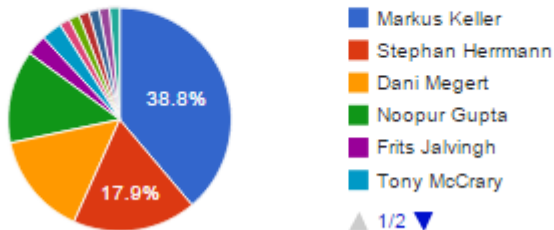**Organization Contribution Activity:**
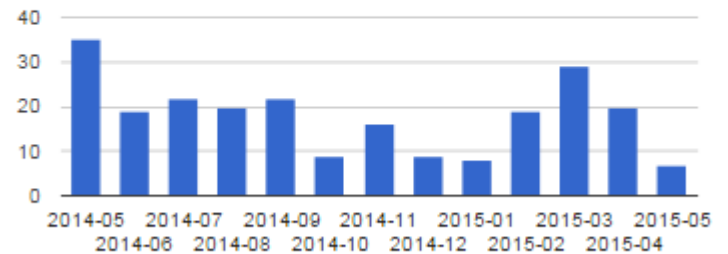Commits on this project by supporting organization over the last three months.

- IBM
- [Unaffiliated]
- [Contributor]
- Business Systems Integration AG
- Codetrails

66.7%
19.7%

Individual Contribution Activity:
Commits on this project by individuals over the last three months.

- Markus Keller
- Stephan Herrmann
- Dani Megert
- Noopur Gupta
- Frits Jalvingh
- Tony McCrary
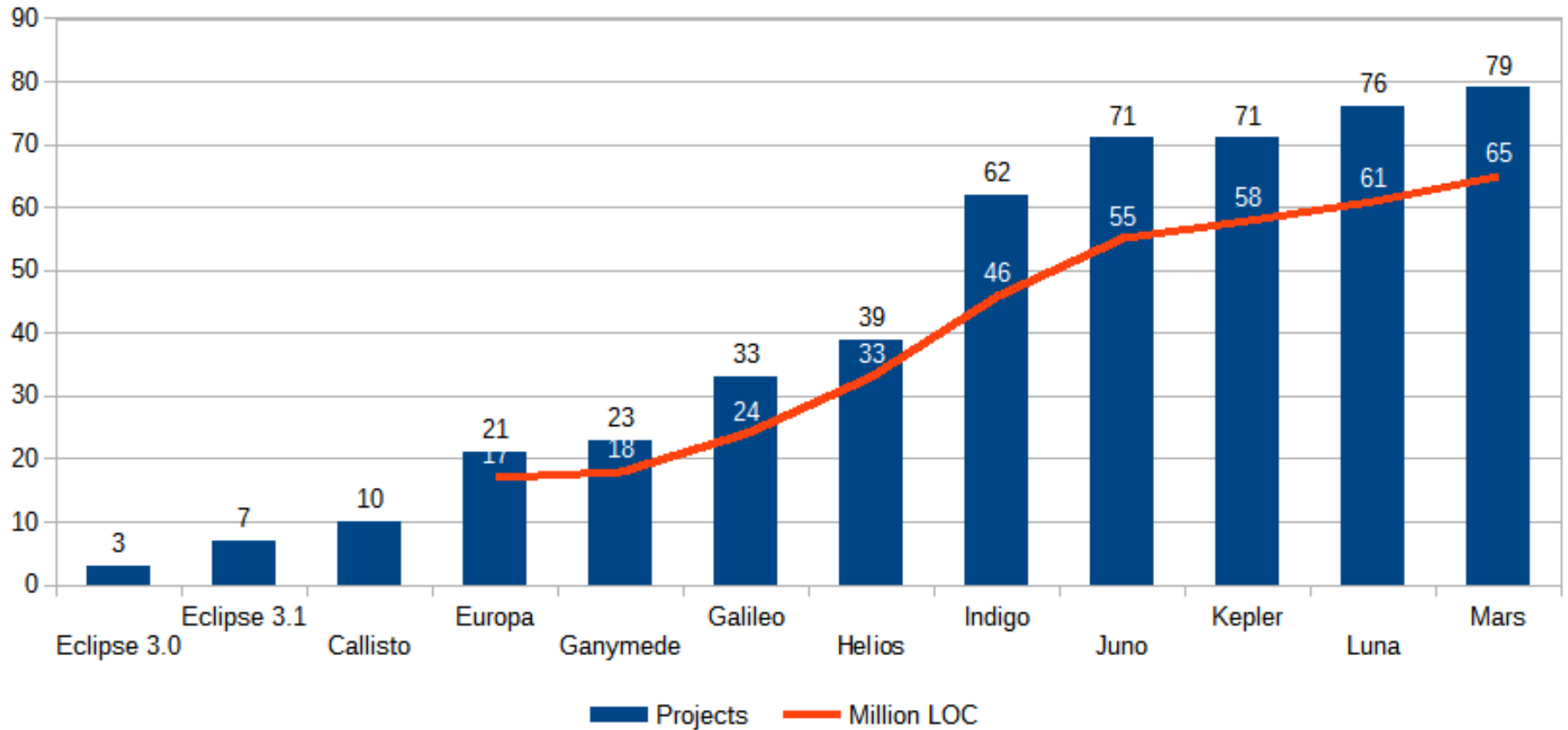
1/2

38.8%
17.9%

Contribution Activity:
Commits on this project (last 12 months).
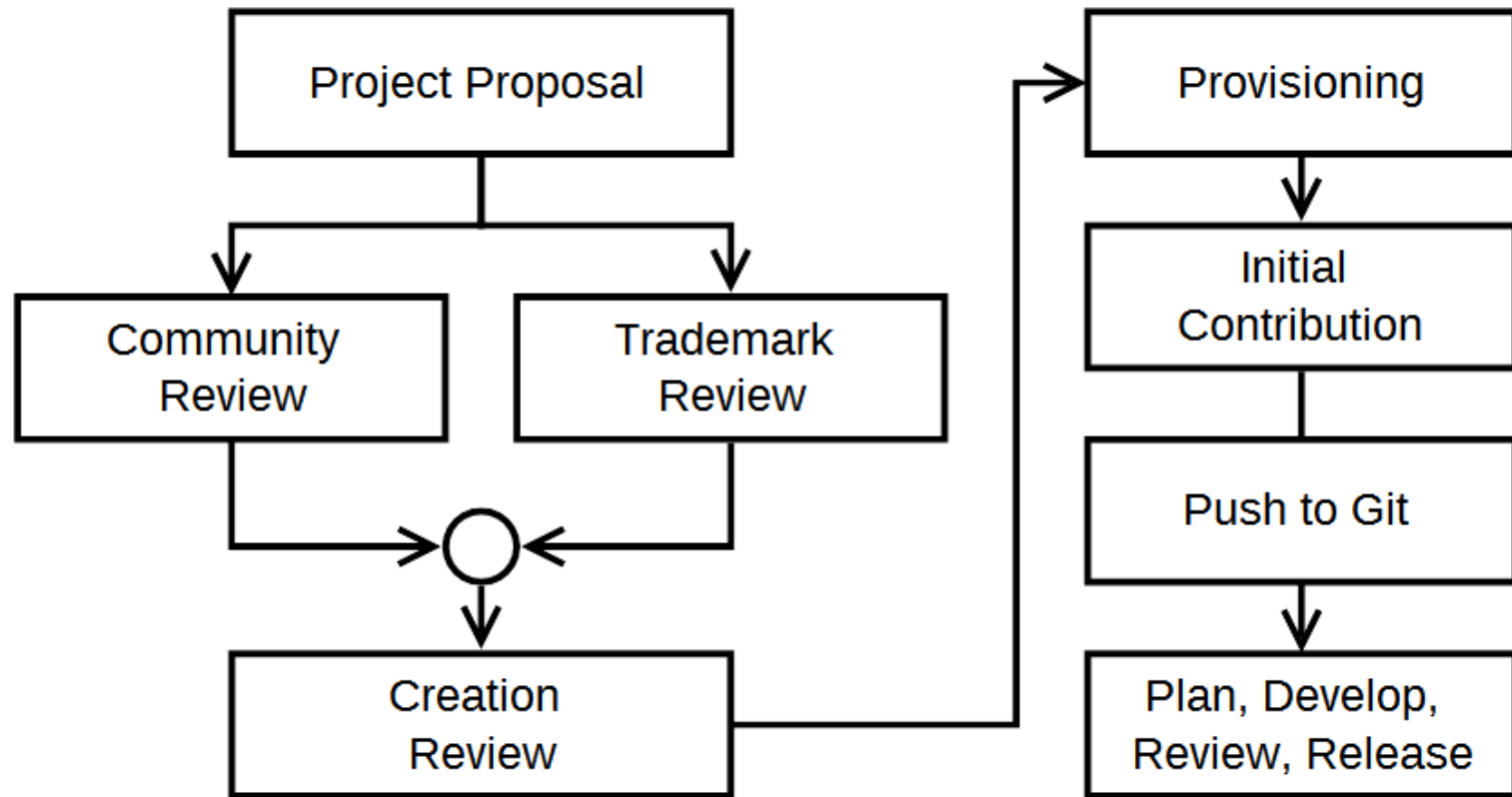
Predictability

Three Communities

- Users
  - Users are, well... users
- Adopters
  - Individuals, groups, organizations
  - Build products, extensions, based on your project
- Developers
  - Contributors, committers

Project Creation Process

Project Proposal

- Create a proposal
    - https://projects.eclipse.org/create/project-proposal
    - https://www.locationtech.org/create/project-proposal
    - https://www.polarsys.org/create/project-proposal
- Feedback cycle
- Approval from EMO(ED)
    - Scope, description, interested parties, committers

Community Review

- Minimum of two weeks of community review
- Identify two mentors from the Architecture Council
- Respond to questions from community
- Identify additional committers
- Refine the proposal

Creation Review

- Secure project name trademark
- One week final community review
- Respond to questions from community

Provisioning

- Submit provisioning request
- IP Team handles committer paperwork
  - Committers will be notified via email
  - Much of the process is automatic
  - Some paperwork may be required
- Webmaster team provisions project resources

Initial contribution

- Initial contribution reviewed by IP team
- Submit in the form a ZIP file
- Commit nothing to VCS until approved
- Ensure copyright headers are in place

```
/*******************************************************************************
 * Copyright (c) {DATE} {INITIAL COPYRIGHT OWNER} {OTHER COPYRIGHT OWNERS}.
 * All rights reserved. This program and the accompanying materials
 * are made available under the terms of the Eclipse Public License v1.0
 * which accompanies this distribution, and is available at
 * http://www.eclipse.org/legal/epl-v10.html
 *
 * Contributors:
 *    {INITIAL AUTHOR} - initial API and implementation and/or initial documentation
 *******************************************************************************/
```