The Eclipse Development Process

eclipse.org/projects/dev_process

eclipse.org/projects/handbook

1

ECLIPSE™
F O U N D A T I O N

Eclipse Development Process: Guiding Principles (1/2)

- Open Source Rules of Engagement:
  - Open
  - Transparent
  - Meritocratic

- Communities key to the EF
  - Developers
  - Users
  - Adopters

ECLIPSE™
FOUNDATION

Eclipse Development Process: Guiding Principles (2/2)

- Cultivate Eclipse Ecosystem

- Clear, Concise, and Evolving

- Freedom of Action

EF Project Leadership Chain

- Project Leads

- Project Management Committee (PMC)

- EMO

- EMO (ED)

4

ECLIPSE™
FOUNDATION

EF Project Leadership Chain

Project Leads

- Management, technical leadership
- Primary liaison with PMC and EMO
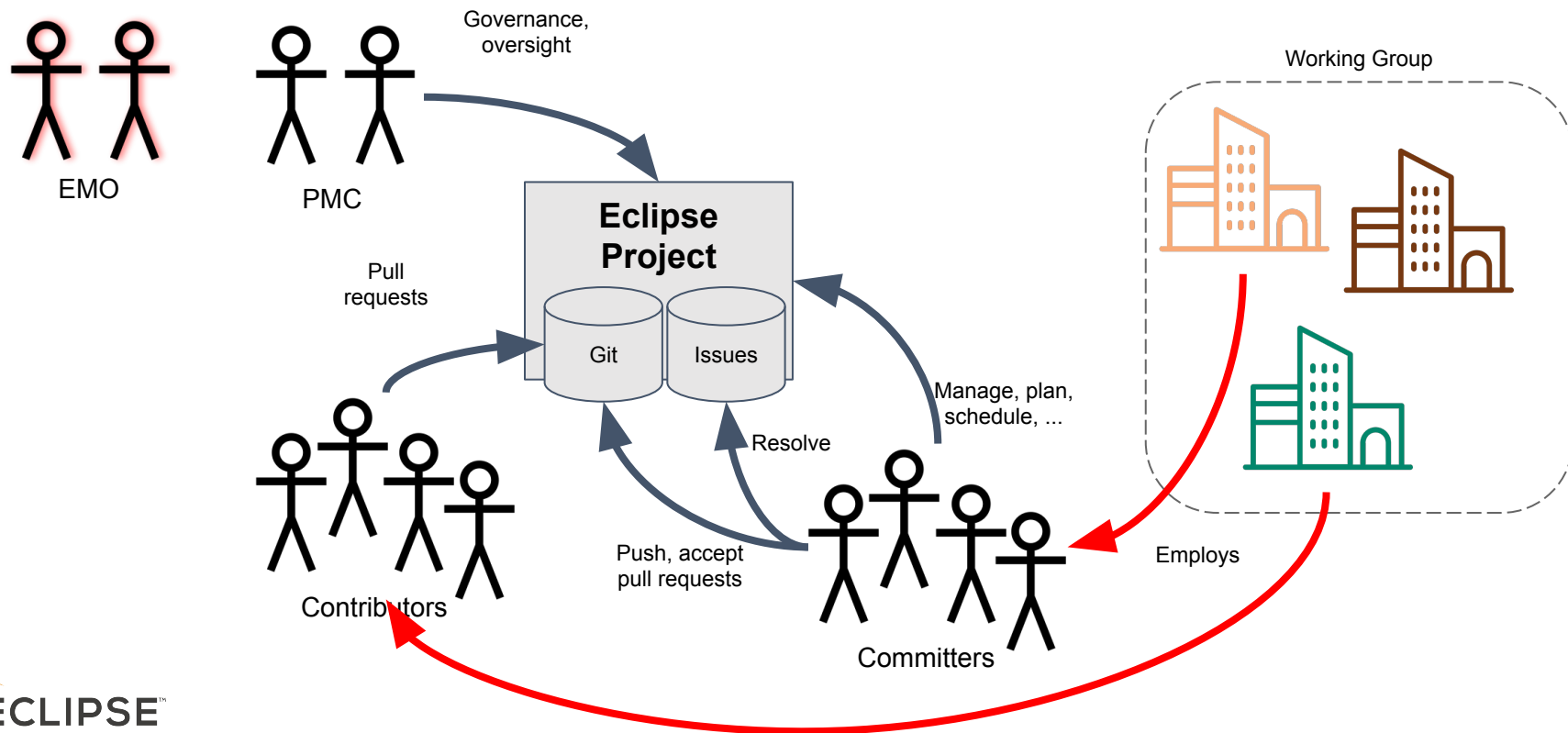
Project Management Committee (PMC)

- Technical approval of IP contributions, releases
- Project oversight, general responsibility

EMO

- Overall responsibility to manage processes and maintain services
- Eclipse Foundation Staff, Architecture Council

EMO (ED)

ECLIPSE™
FOUNDATION

Who's Who?

EMO

PMC

Governance, oversight

Eclipse Project

Git   Issues

Pull requests

Working Group

Employs

Manage, plan, schedule, ...

Resolve

Push, accept pull requests

Contributors

Committers

ECLIPSE
FOUNDATION

Project Management Committee

- Provides oversight and overall leadership for Projects under their Top-Level Project

- Ensure that the EDP is understood and followed by their Projects

ECLIPSE™
F O U N D A T I O N

Project Management Committee

- Ensure **effective operation** of projects:
  - removing obstacles, solving problems, and resolving conflicts

- Promote **OS rules of engagement**: meritocracy, transparency and openness

- Ensure projects **conform to the Eclipse Foundation IP policy** and procedures.

ECLIPSE™
FOUNDATION

Project Management Committee

Exceptional situations
- projects with no active Committers/PLs
- disruptive Committers

The Project Leadership Chain can:
- make changes (add, remove) to the set of Committers and/or PLs
- act on behalf of the Project Lead
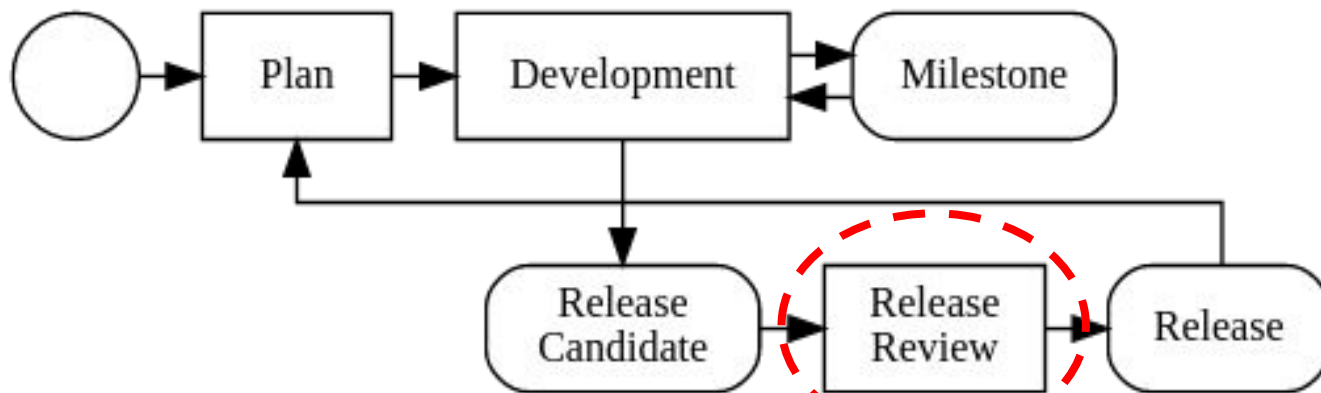
Summary

When we ask a PMC +1 we expect you:

- Use your knowledge and experience with community & technology to provide deep technical insights
- Raise issues and concerns

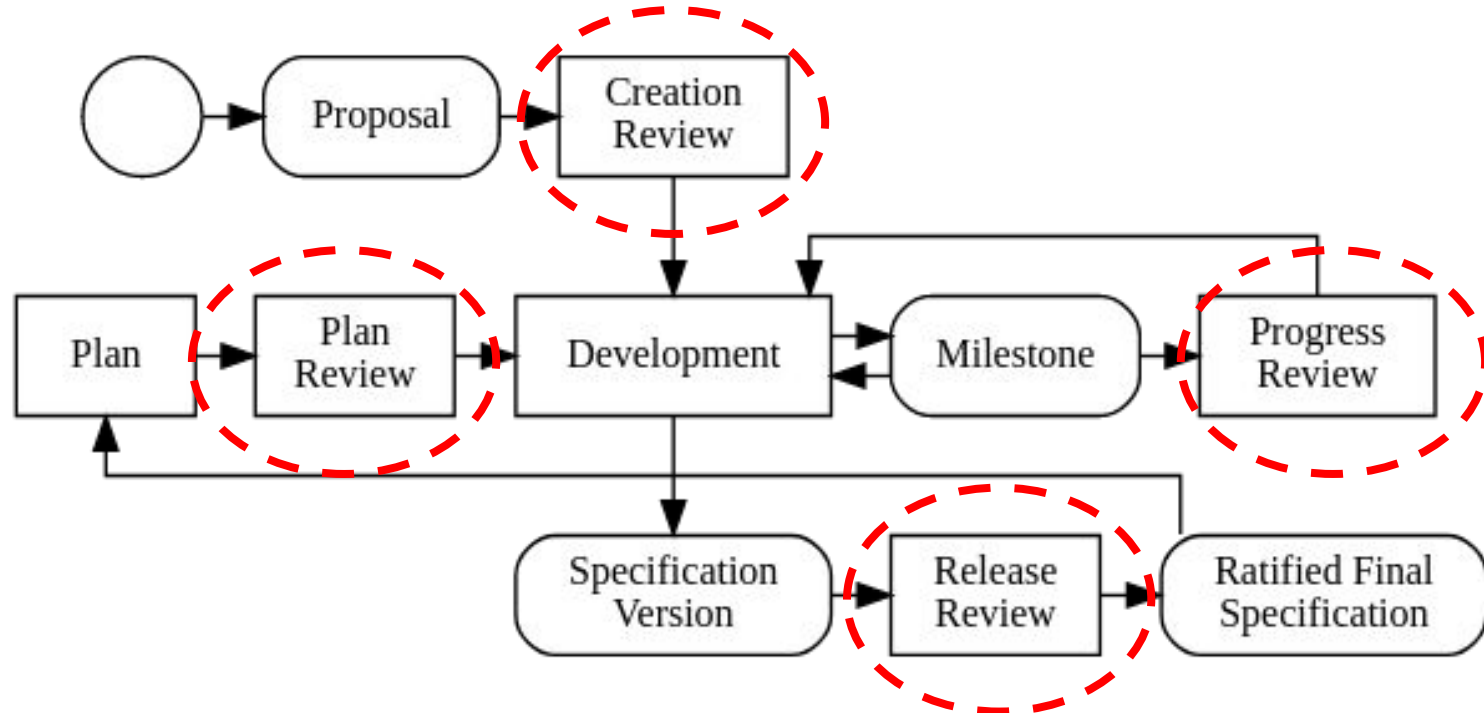What we don't expect:

- The PMC doing the work of the IP team

ECLIPSE™
FOUNDATION

Releases and Reviews

ECLIPSE™
FOUNDATION

Releases

Plan → Development → Milestone

Development → Release Candidate → Release Review → Release

At least once every year

Releases (Specifications)

Specification committee ballot approval required

Releases

- Major/minor releases
  - Progress or Release review once per year
  - IP Log approval (as part of the review, not for each release)
  - Plan to spend time planning/documenting release
- Service/Bugfix-only releases
  - No review
  - No IP Log approval
- The IP Policy must be observed for all releases
  - All IP must be resolved by the due diligence process

COMMITTER TOOLS ⌄

The following commands are available to project committers:

Elections
Nominate a Committer
Nominate a Project Lead

Intellectual Property

Create a Contribution Questio...
Generate IP Log
Contribution Questionnaires

Communication
PMC Mailing list
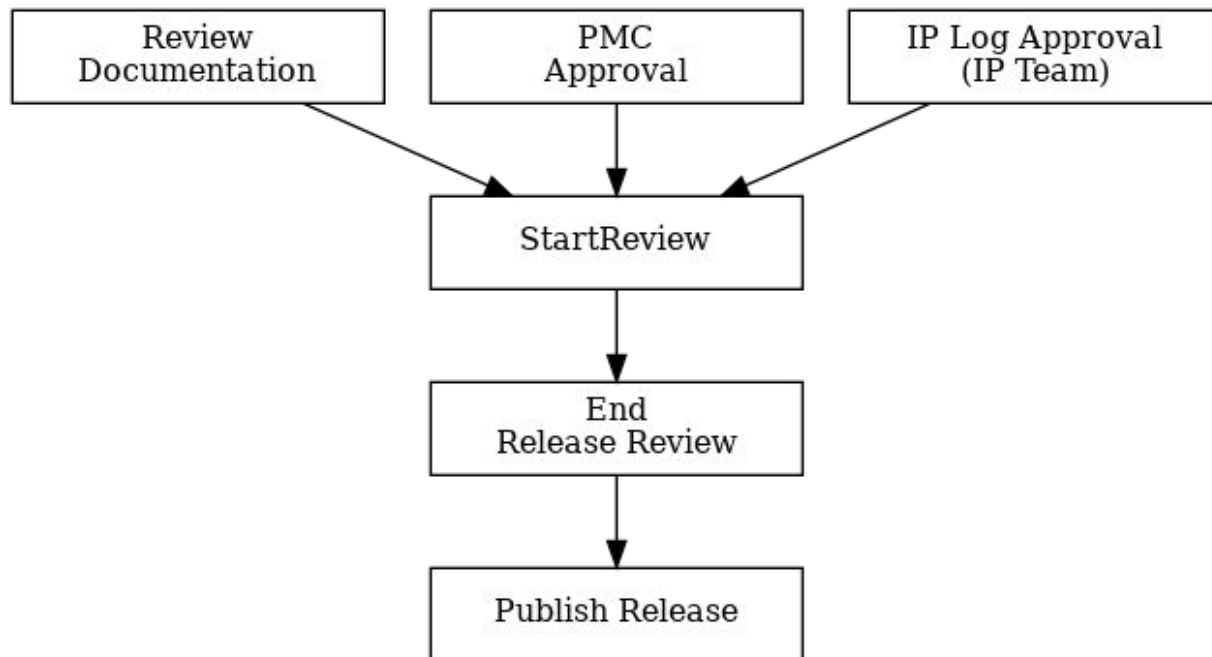Send Email to the PMC...
Send Email to the Dev List...

Documentation
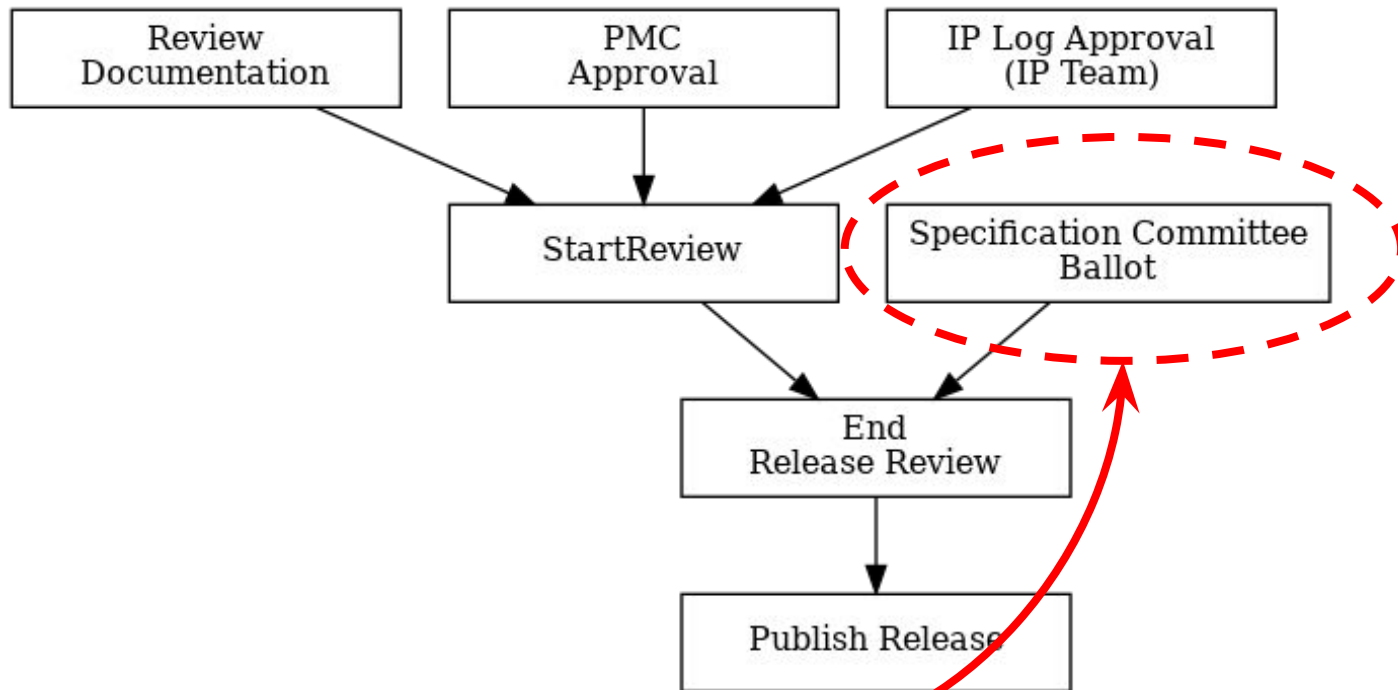Legal Documentation Generat...

Releases
Create a new release

Progress & Release Review

Progress & Release Reviews (Specifications)

Super-majority approval required

Becoming a Committer

Meritocracy by contribution
- Committer status is not automatic
- Establish a pattern of contribution
- Committer nominates

Committer Election
- Define trust;
- Maintain vendor/employer neutrality; and
- Operate transparently

COMMITTER TOOLS

The following commands are available to project committers:

Elections
Nominate a Committer
Nominate a Project Lead

Intellectual Property
Create a Contribution Questio...
Generate IP Log
Contribution Questionnaires

Communication
PMC Mailing list
Send Email to the PMC...
Send Email to the Dev List...

Documentation
Legal Documentation Generat...

Releases
Create a new release

Other Stuff You Should Know

ECLIPSE™
FOUNDATION

IP Services

- Open a CQ to vet content (PMI)
- Not sure? emo-ip-team@eclipse.org
- Terms (see the handbook)
  - Initial Contribution
  - Contribution Questionnaires (CQs)
  - IPZilla

IT Services

- Connect with the Webmaster for IT support
  - Git repositories, builds, downloads
  - Permissions
- Connect via Bugzilla (bugs.eclipse.org)
  - Eclipse Foundation > Community > GitHub
  - Eclipse Foundation > Community > CI Jenkins
  - …
- No sure? webmaster@eclipse.org

ECLIPSE
FOUNDATION

Eclipse Project Handbook

- https://eclipse.org/projects/handbook
- All-in-one guide for project leads and committers
- Starting a new project

Incubation Mailing List

- Connect with other incubating projects
- Connect with mentors
- http://dev.eclipse.org/mailman/listinfo/incubation
- incubation@eclipse.org

Things that We Didn't Talk About

- Graduation from Incubation Phase
- Committer Paperwork
- Starting an open source project
- IP Logs

ECLIPSE
FOUNDATION

Links

- Eclipse Foundation Development Process
  - http://www.eclipse.org/projects/dev_process
- Eclipse Foundation Specification Process
  - http://www.eclipse.org/projects/efsp
- Eclipse Project Handbook
  - http://www.eclipse.org/projects/handbook