Cloud Foundry Foundation Mission Statement

To establish and sustain Cloud Foundry as the global industry standard Platform-as-a-Service (PaaS) open source technology with a thriving ecosystem; to deliver continuous quality, value and innovation to users, operators and providers of Cloud Foundry technology; and, to provide a vibrant agile experience for the community's contributors that delivers the highest quality cloud-native applications and software, at high velocity with global scale.

Cloud Foundry Foundation - Guiding Principles

Governance By Contribution
Influence within the Foundation is based on contributions

IP Hygiene
IP cleanliness must be preserved at all times

Equal Opportunity To Participate
Everyone has an equal opportunity to participate in Projects

No Surprises
Planning processes and Project status are open to all

IP Hygiene

- IP cleanliness must be preserved at all times
  - Ensuring that all incoming code is legally contributed
  - Ensuring that all third-party code included in or referenced (i.e. a dependency) by Projects is compatible with Cloud Foundry licensing requirements
  - Ensuring all contributions have an associated CLA in-place
  - Ensuring that all Dedicated Committers have committer agreements in place covering each of the Projects on which they have commit rights

Equal Opportunity to Participate

- Everyone should have an equal opportunity to participate in Projects.
- Openness and transparency in Projects:
  - Maintain all source code in public repositories (i.e.: GitHub)
  - Use a public storyboard to record all work
  - Anyone can raise and comment on features or issues
  - Require only freely available tools for development, build and test of a Project

No Development Surprises

- Foundation members should not surprise the community either via their action or inaction

- Planning processes and Project status are open to all

- At major events in a Project's lifecycle, a public review is held to inform the community

  - Examples include: Inception, Development milestones, Release, pre-deprecation, deprecation, pre-Incubation, matriculation into the Project (graduation from incubation), etc.

Releases & Certification

Motivation and Goals

- Establish and preserve the brand integrity of Cloud Foundry

- Promote user confidence in Cloud Foundry -- quality, interchangeability, functionality

- Provide guidelines for vendor differentiation and value addition

Providing For A Good First Experience

- The Foundation is NOT building a distribution because of the following (and other) challenges:

  - Assumes support and other liabilities not covered by the Foundation

  - Difficult to determine appropriate services and extended functionality that would constitute a distribution (every user wants different things)

- Yet we will still provide a good first experience using:

  - A public listing of free trial experiences (run.pivotal.io, Bluemix, etc.) on the cloudfoundry.org website

  - Continued availability of the 'Bosh lite install' utility

What Is Released By The Foundation

The Foundation believes in continuous releases, and all Project teams aim to ship working software as frequently as possible

- A collection of Projects
- Test harnesses and CI workflows
- Self-service certification tools

That Have

- A defined PMC release schedule
- Passed quality and CI requirements

Structure & Roles

Governance By Contribution

- Governance by Contribution is generally defined as:
  - Influence within the Foundation is based on contributions
- Consensus is the normal operating model
  - If required, Dedicated Committers Vote within a PMC when the Chair determines that consensus cannot be reached
- Taking the Foundation's recommendations into consideration, each PMC determines which members are Dedicated Committers

Distributed Committer Model

- Developers earn 'Dedicated Committer' status by:
  - Dedicated Committers do not have to be collocated in this model
  - Delivering a number of significant pull requests against the backlog that have been merged with no or minimal rework
  - Nominated by a current Dedicated Committer on that Project, approved by the Project Lead
- Taking the Foundation's recommendations into consideration, each PMC determines which members are Dedicated Committers
  - The "Dedicated Committer" recommendation is:
    1. A committer or Project Lead who
    2. Performs Cloud Foundry OSS work for no less than 75% of FTE and no less than 50% of FTE on Active Projects
    3. Works on Stories in the Backlog

In-Person Pairing Model (slide #1 of 2)

- Projects using this model offer an "Open Dojo" training program
    - Existing Project developers pair with new developers in order to rapidly come up to speed on the Project
    - Applicants for the Open Dojo program must be capable of effectively participating in paired development
    - Developers typically graduate and obtain commit rights
- Taking the Foundation's recommendations into consideration, each PMC determines which members are Dedicated Committers
    - The "Dedicated Committer" recommendation is:
        1. A committer or Project Lead who
        2. Performs Cloud Foundry OSS work for no less than 75% of FTE and no less than 50% of FTE on Active Projects
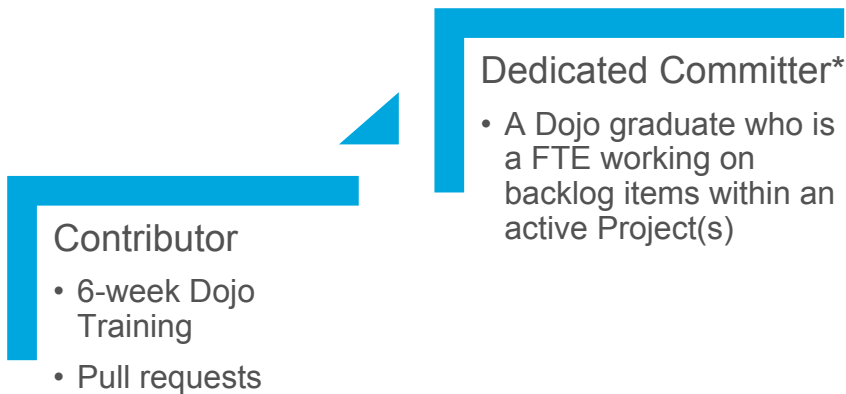   3. Works on Stories in the Backlog

In-Person Pairing Model (slide #2 of 2)

- Committing Code in the In-Person Paring Model
  - Code may be committed only by a Dedicated Committer after appropriate review
  - For all submitters, code must be reviewed by a Dedicated Committer (who is not yourself).
  - Dedicated committers can commit only when they have a) been working on a story/epic in the prioritized backlog, b) paired with another individual on the team or reviewed the work with another Dedicated Committer.
  - Any other circumstance requires the contribution to be submitted as a PR and processed accordingly (though may be expedited at the discretion of the Project Lead)
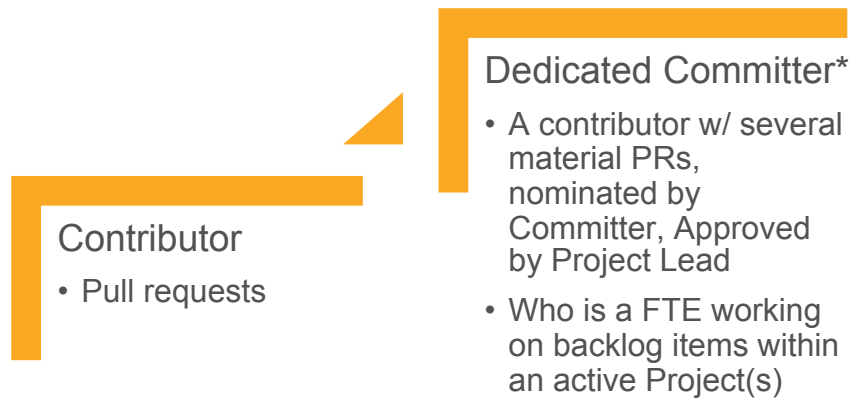
Example Roles Inside Projects

* Using the Foundation recommendation, each PMC determines which members are Dedicated Committers

In-Person Pairing Model

Contributor
- 6-week Dojo Training
- Pull requests

Dedicated Committer*
- A Dojo graduate who is a FTE working on backlog items within an active Project(s)

Distributed Committer Model

Contributor
- Pull requests

Dedicated Committer*
- A contributor w/ several material PRs, nominated by Committer, Approved by Project Lead
- Who is a FTE working on backlog items within an active Project(s)

Projects

- Project Lead(s)
  - Represent the Project on the associated PMC
  - Responsible for setting Project direction, coordinating work amongst the Dedicated Committers
  - Communicate status to the membership
  - Owns Inception meetings and process
  - New / Additional Leads Elected by PMC

Project Lead(s)

Project Dedicated Committers
FTE committers working on Backlog. Includes Developers, Documenters, Testers, and others

Project Team Members

Release Planning

- Releases based upon periodic review of Pivotal Tracker items

- Project Lead(s) determine release content and priority with Dedicated Committers

- The Foundation believes in continuous releases, and all Project teams aim to ship working software as frequently as possible

Foundation Project States = Maturity

- Project States are a measure of maturity
- Three defined Project States:

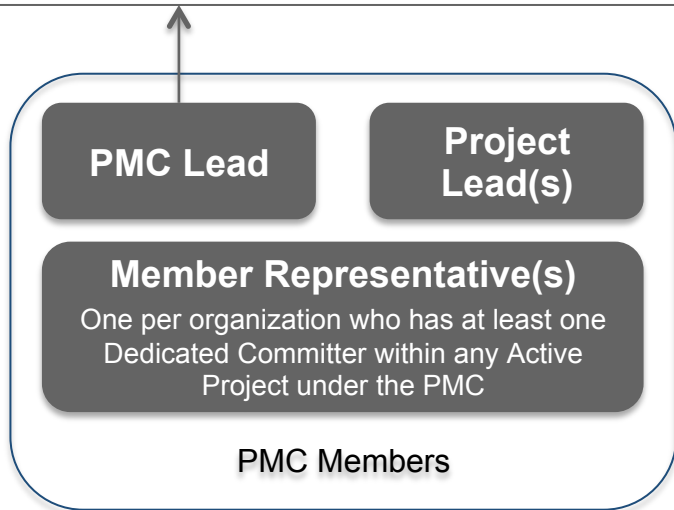| State	Under Foundation	Active Development	Released
Incubation	Yes	Yes	No
Active	Yes	Yes	Yes
Archived	Yes	No	Case-by-case

Adding New Projects To The Foundation

- Projects join existing PMCs
  - New Projects typically start in the Incubation state
  - Initial state determined by PMC
- New Projects start with a proposal to the appropriate PMC
  - A new Project submission can be proposed by any member
  - Proposals must include the proposed Project Lead, proposed scope, working practice, technical approach, and initial team committed to working on the Project
- PMC Approval
  - Proposals to be discussed and, if required, voted upon at the PMC
  - With approval, the new Project is added to the PMC

PMCs
Oversee and provide leadership for related Projects

- PMC Lead: 'Strongest Project Lead in the PMC'
  - Responsible for coordinating the activities of their respective PMCs
  - Represents the PMC on the PMC Council
  - Two year term

PMC Lead

Project Lead(s)

Member Representative(s)
One per organization who has at least one Dedicated Committer within any Active Project under the PMC

PMC Members

PMC Responsibilities

- Coordinate Project Themes
- Determining programming languages for the PMC Projects
- Approve Project lifecycles (I.E. incubation to Active)
- Approve new Projects
- Define required documentation and testing resources within the PMC
- Provide point of arbitration for issues with Projects

Adding A New PMC To The Foundation

- Public review of the proposal for a new PMC
  - Public review/feedback for suggested new PMC

- Proposal to the Board of Directors
  - A new PMC submission can be proposed by any member
  - The a new PMC proposal will include the name of the proposed PMC Lead/s, proposed scope, technical approach, Project members (developers) headcount, and initial Projects considered under the potential PMC

- PMC proposals are reviewed by the Board, and if accepted a PMC will be created.
  - Thereafter, new Projects may be created within that PMC following the normal Project proposal process

PMC Council
Oversee and provide leadership across PMCs

- PMC Chairperson
  - Provides direction to the PMC Council
  - Two year Term
  - Represents PMCs on Board (Advisory Member)

PMC Chairperson	Executive Director
PMC Leads	
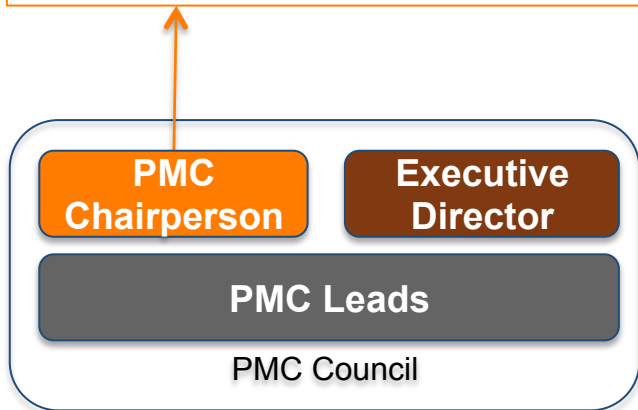
PMC Council

PMC Council Responsibilities

- Managing overall roadmaps across PMCs
- Coordination of PMC themes
- Management of the overall release cycle integration
- Defining and enforcement of overall development, testing, and quality policies
- Resolving intra- and inter-PMC disputes

Board of Directors

Voting Members

Platinum #1 Representative	Platinum #6 Representative
Platinum #2 Representative	Platinum #7 Representative
Platinum #3 Representative	Gold #1 Member Representative
Platinum #4 Representative	Gold #2 Member Representative
Platinum #5 Representative	

Advisory Members (non-voting)

Determined by Board at Formation

Likely members:
- One Silver Member
- PMC Chairperson
- Individual Member
- Executive Director

Board Responsibilities

- Ensures Mission met
- Bylaws & IP
- Elect Officers
- Select/manage key leadership
  - ED / other
- Budget Approval
- General Operating Decisions
- Approve new PMCs
- Approving changes to the Development Governance Policy
- PMC Council Escalations

CAB Future

- Cloud Foundry Community Advisory Board (CAB) morphs into two advisory bodies, described on next chart
  - Strategy Council
  - User Advisory Board

Strategy Council
Representing the supporting members community

| Executive Director | Gold Reps (12 members) | Silver Reps (6 members) |

Strategy Council

Strategy Council:

- Provides a mechanism for supporting members to voice any concerns, raise issues for discussion, and provide feedback to those setting the direction of the Foundation and the PMCs

- Channel to disseminate information to the vendor community and to solicit input on proposed plans

- Provides requested input on issues to further Foundation objectives, for example:

  - Technical standards

  - System acceptance and performance standards

  - Foundation event planning and messaging

User Advisory Board
Representing the user community

Executive Director	End Users (As selected by the Executive Director)

User Advisory Board
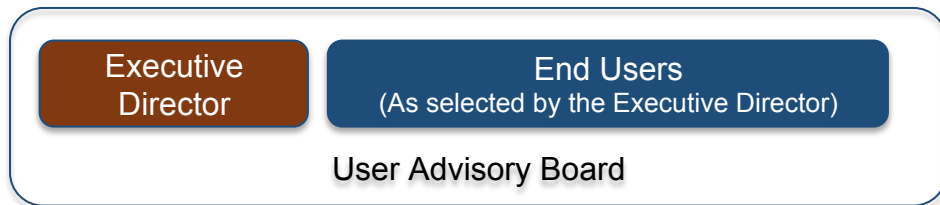
User Advisory Board:

- Members overseen and selected by Executive Director
  - Intent is to empower end users of the platform
- Provides a mechanism for users to voice any concerns
- Channel to disseminate information to the user community and to solicit input on proposed plans
- Provides requested input on issues to further Foundation objectives