

Project Management Model for IPFS

The Model and The Mechanics

The Model

“What is it?”

The Mechanics

“How does it work?”

The Model and The Mechanics

The Mechanics

“How does it work?”

How information is displayed

How status is signaled

How information moves

Who does what and when

It's the machinery of a process

The Model and The Mechanics

The Model

“What is it?”

What steps are there

How often things are done

Who is responsible for what part

What are the expectations and outputs of each step

It's the definition of a process

The Model and The Mechanics

The Model

“What is it?”

Boils down to

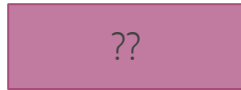
Description of how we turn ideas into value for our users

Description of what information we need to generate and track

Part 1 - The Model

Turning ideas into value

Ideas



Profit?

Turning ideas into value

Ideas



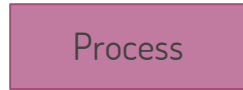
Process



Release

Release delivers the value to the users

Ideas



Release



Value

The Steps

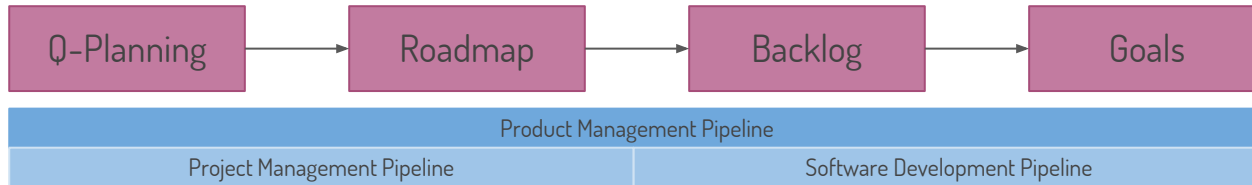
Ideas



Release

The Steps as pipelines

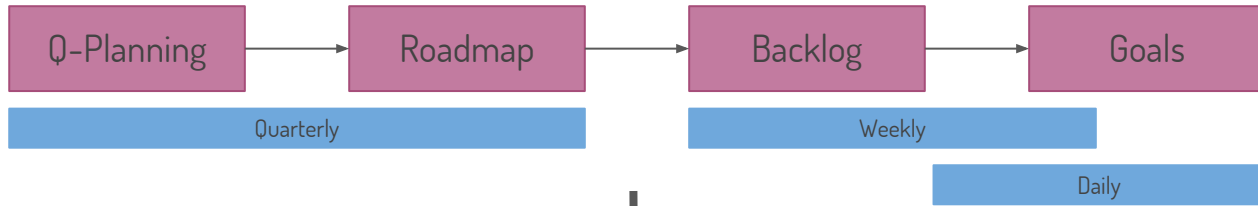
Ideas



Release

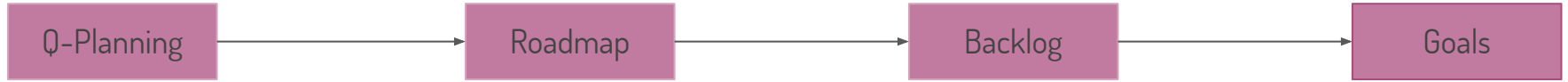
Frequency of work

Ideas



Release

What are the steps?

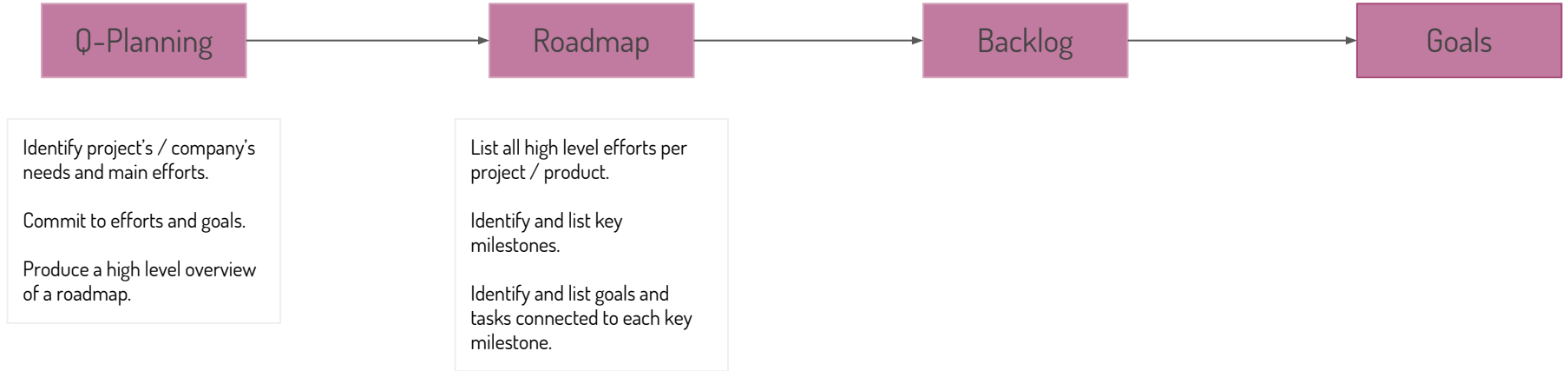


Identify project's / company's needs and main efforts.

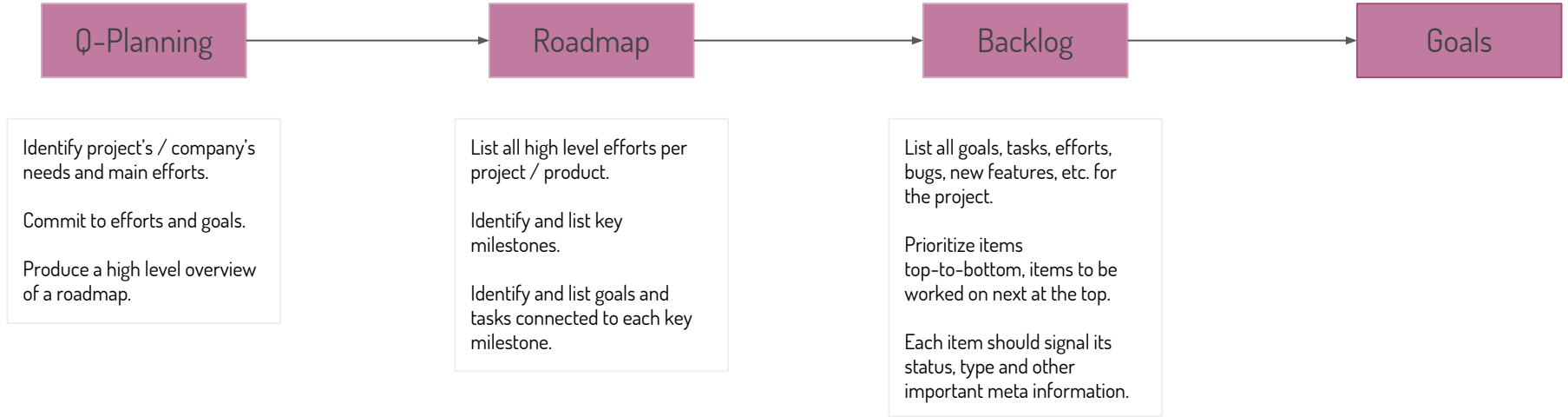
Commit to efforts and goals.

Produce a high level overview of a roadmap.

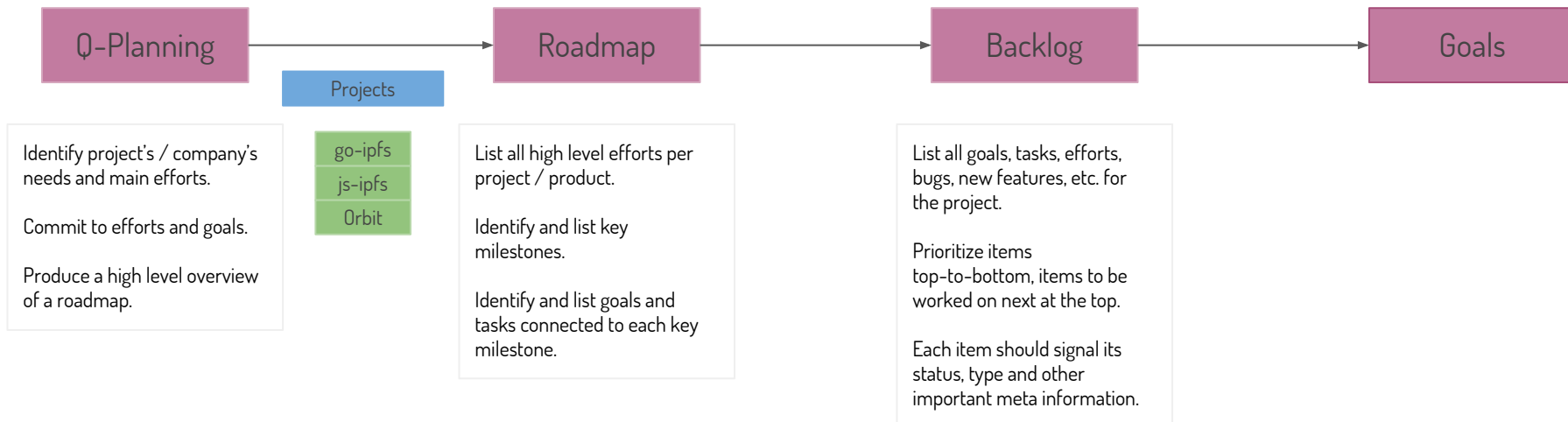
What are the steps?



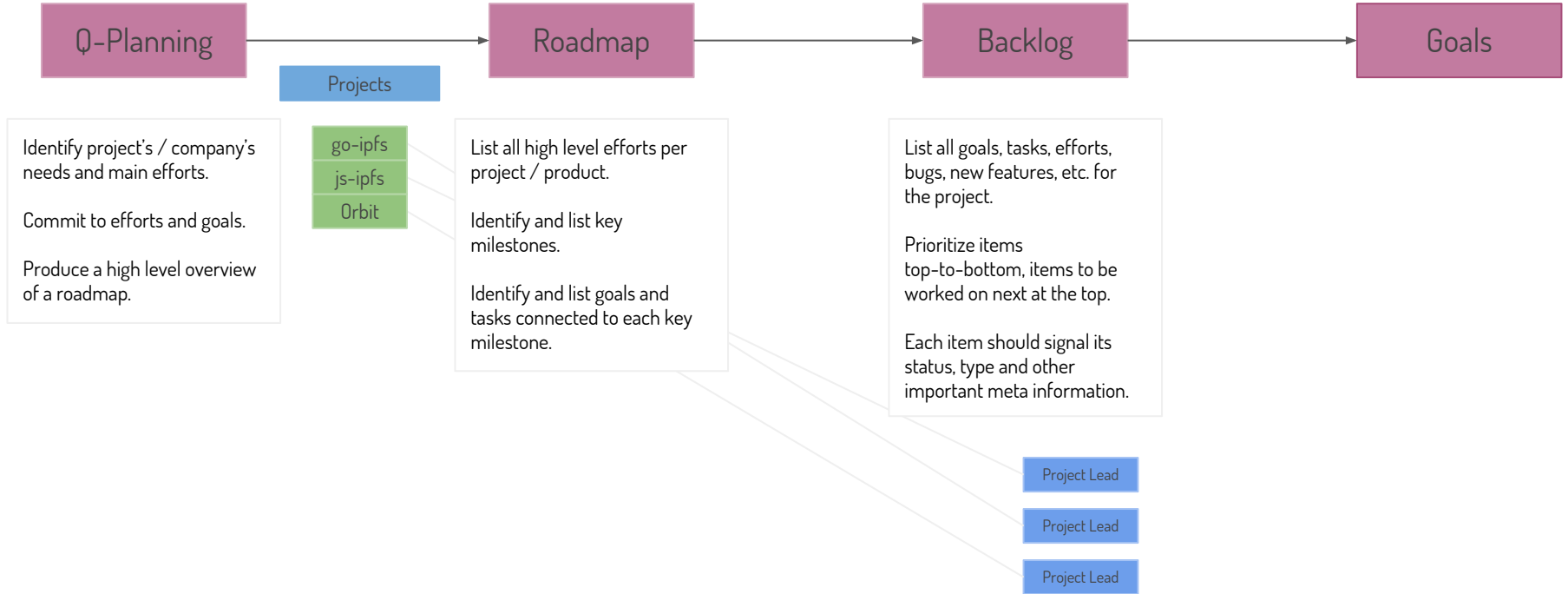
What are the steps?



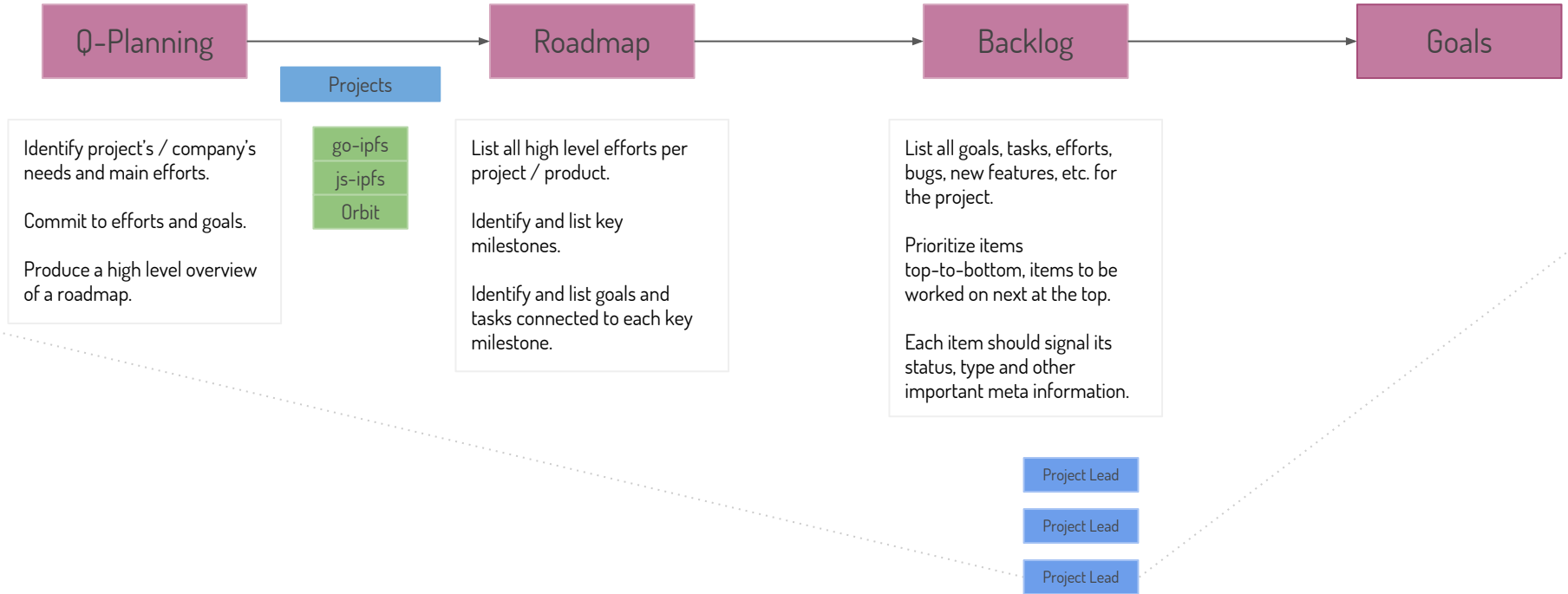
The Organization has several projects



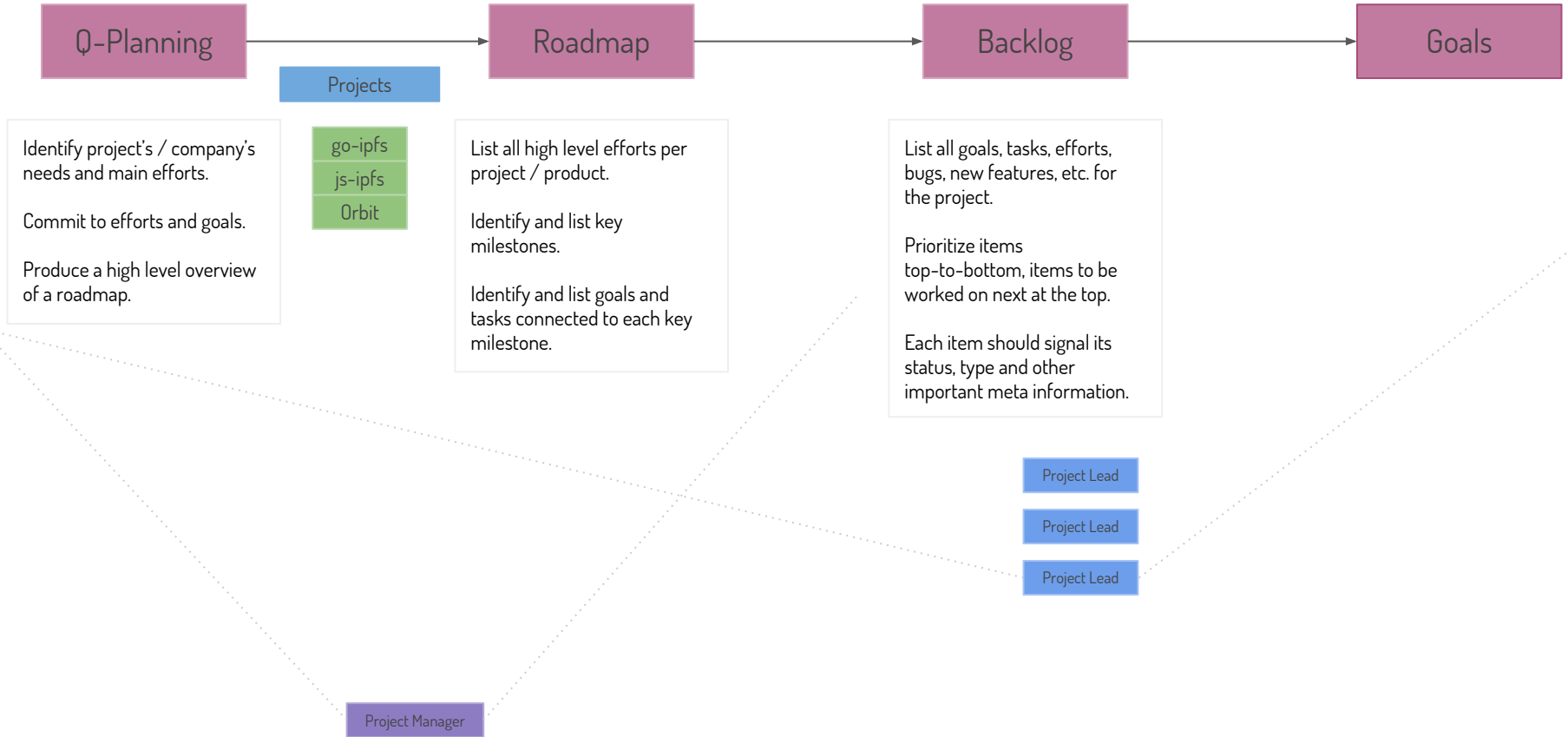
Each project has a lead



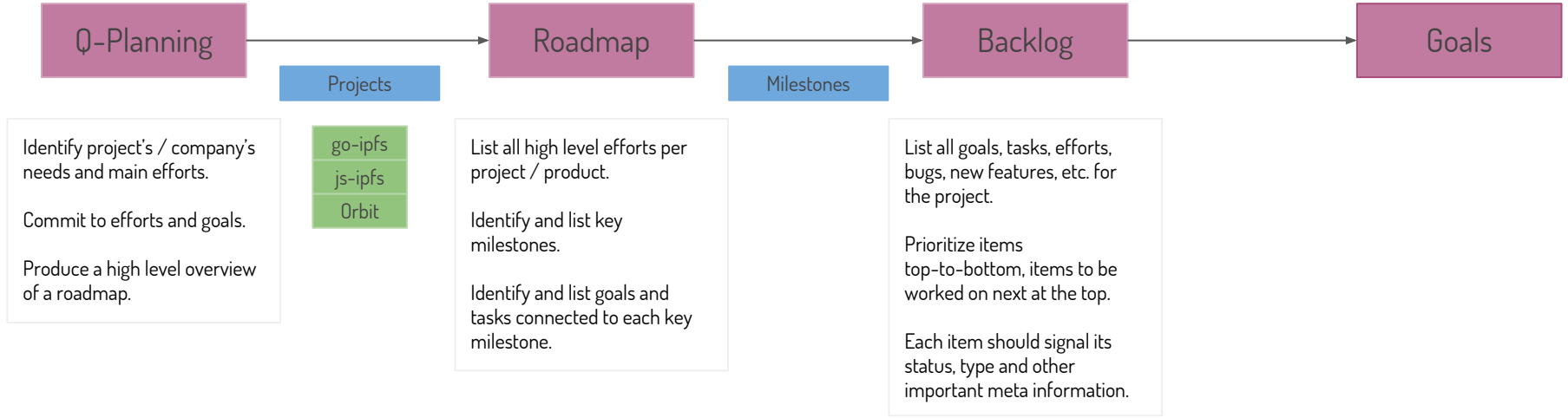
Project Leads work across the process



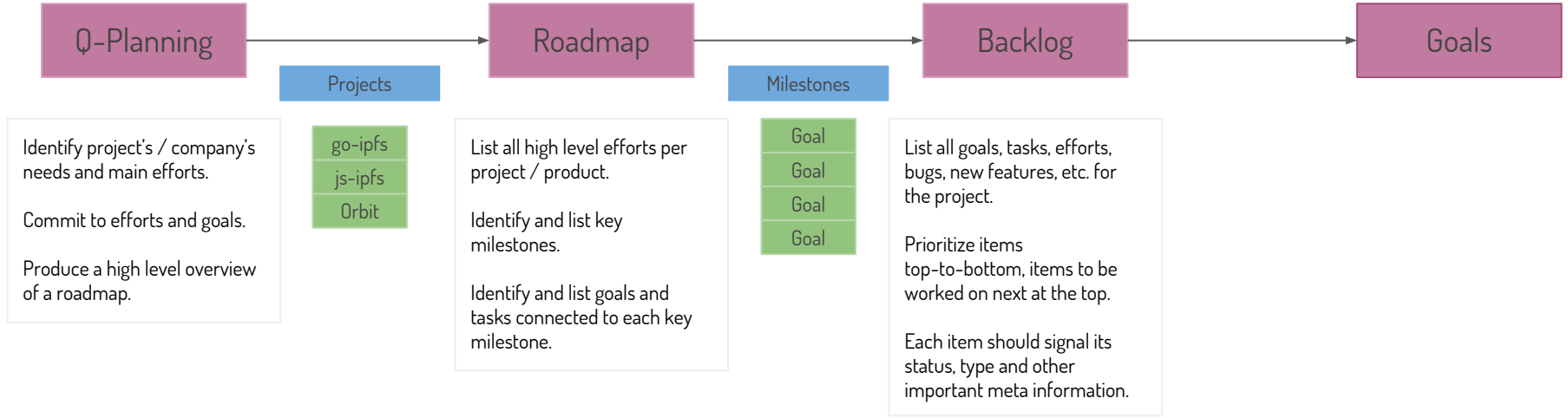
Project Manager works up from the Backlog level



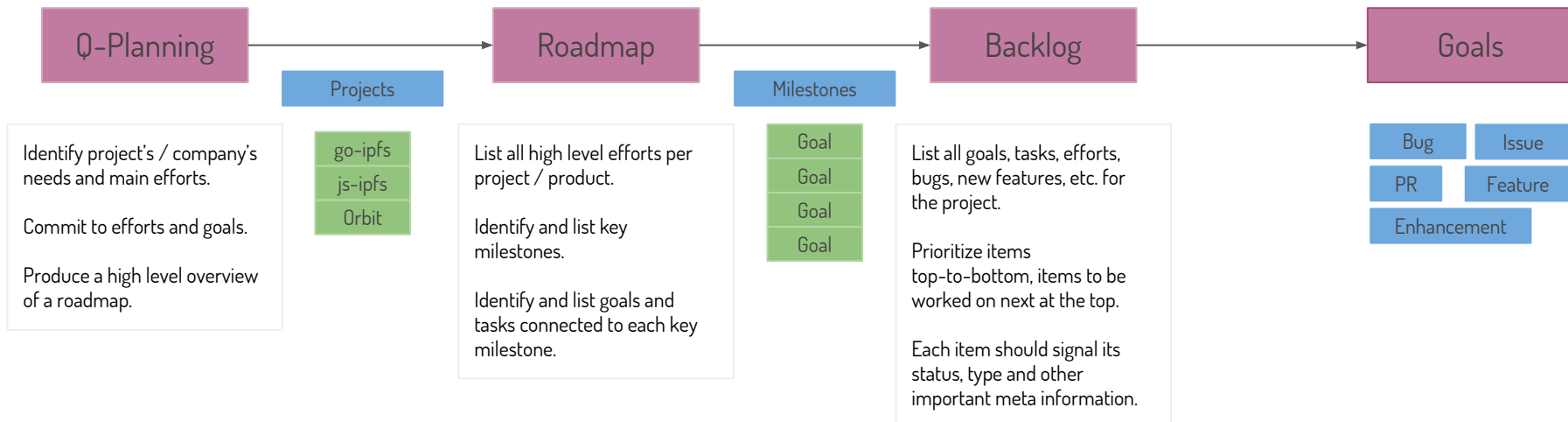
Each project has a set of Milestones



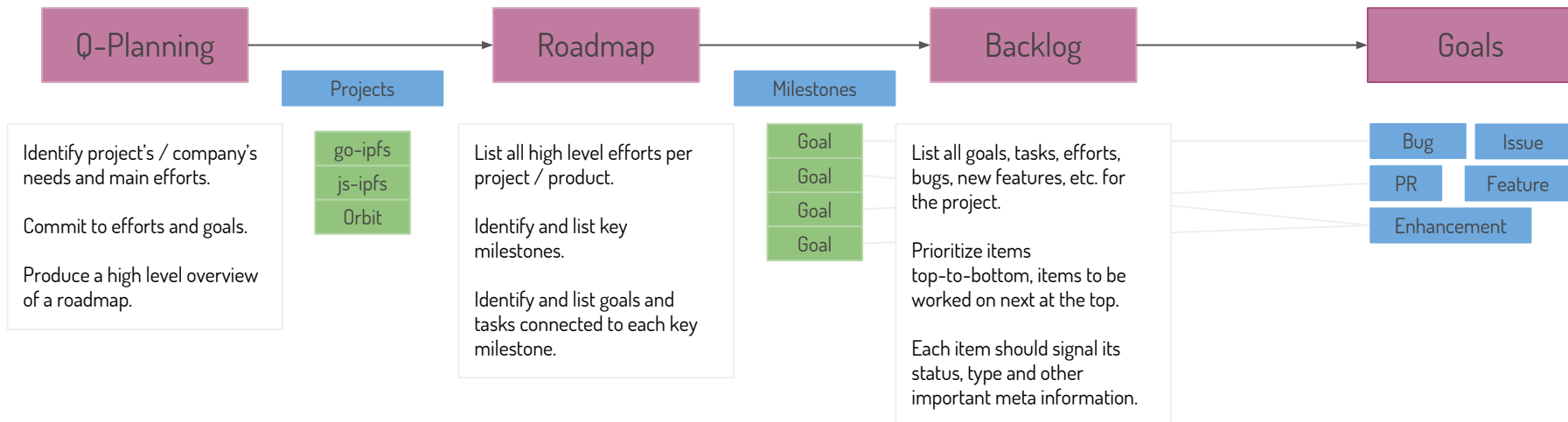
Milestones are a set of Goals



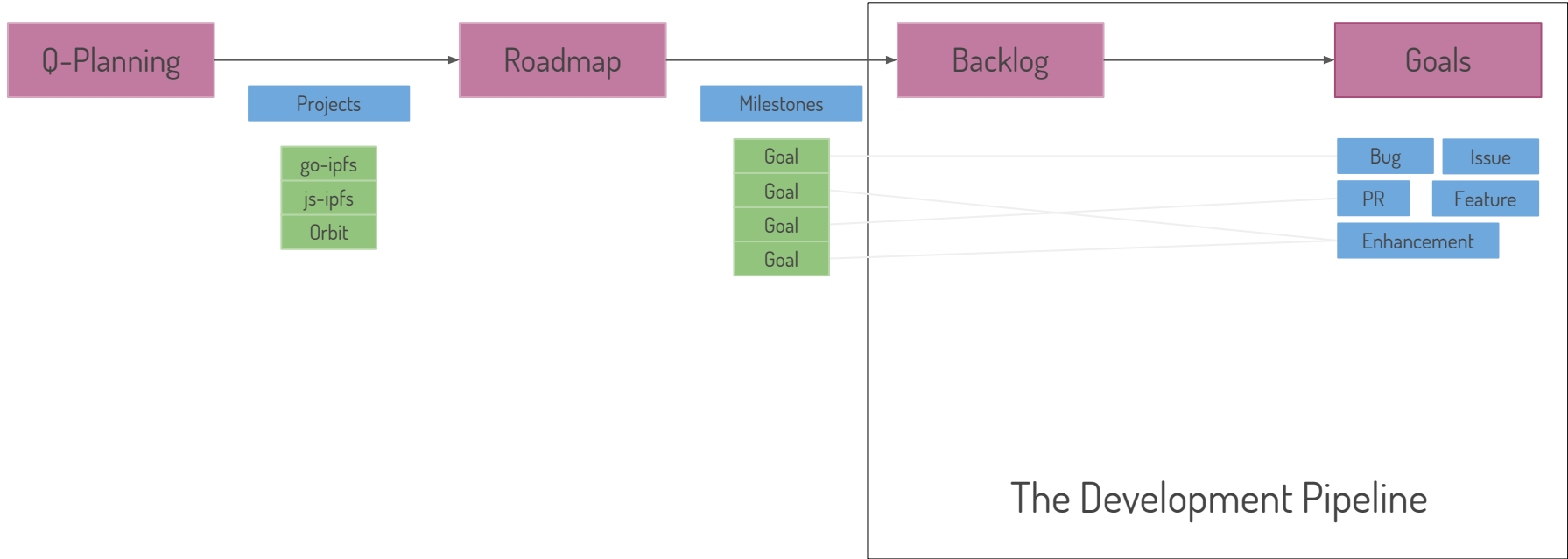
Goals are a set of Tasks



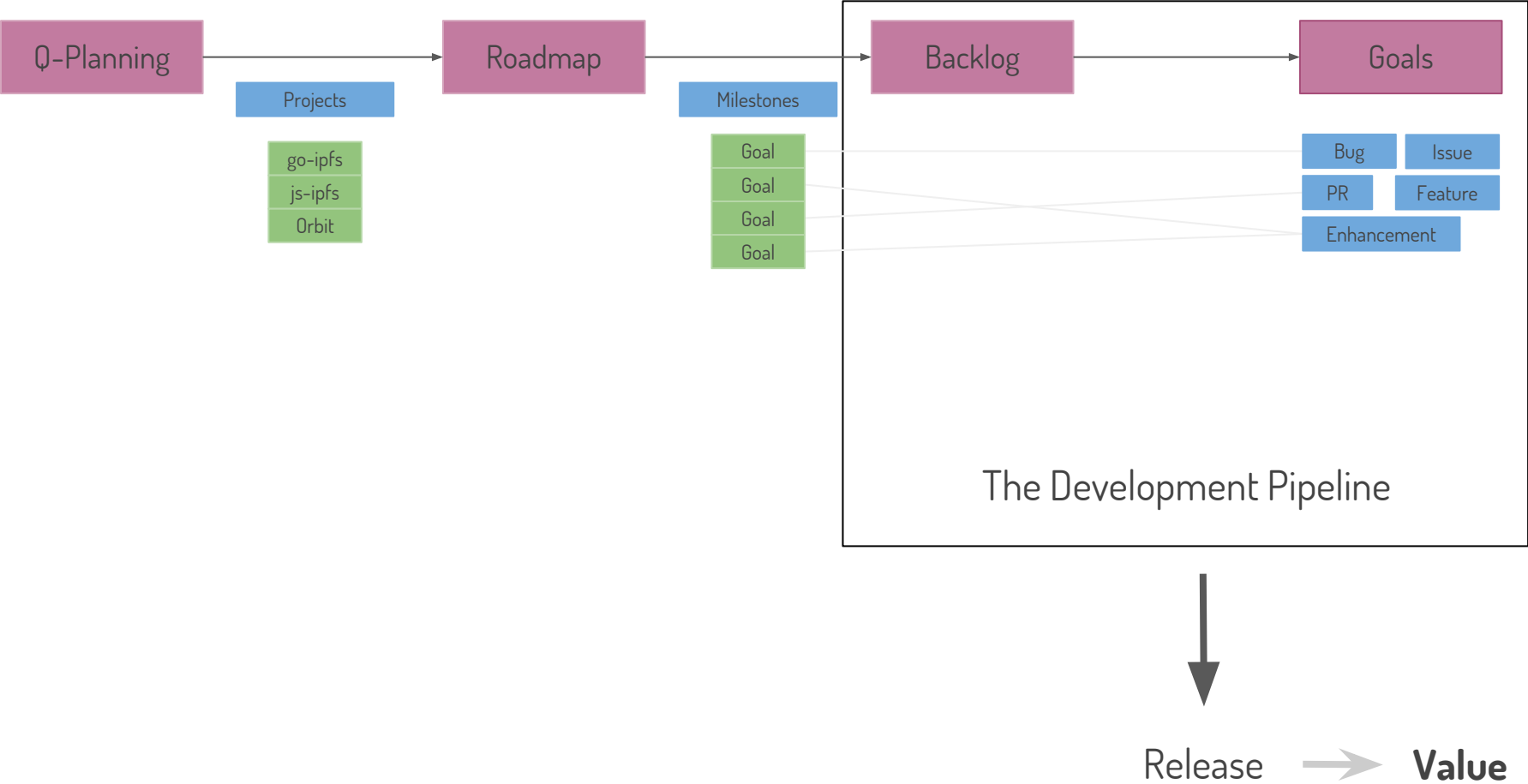
In order to complete a Goal, one or more Tasks have to be completed



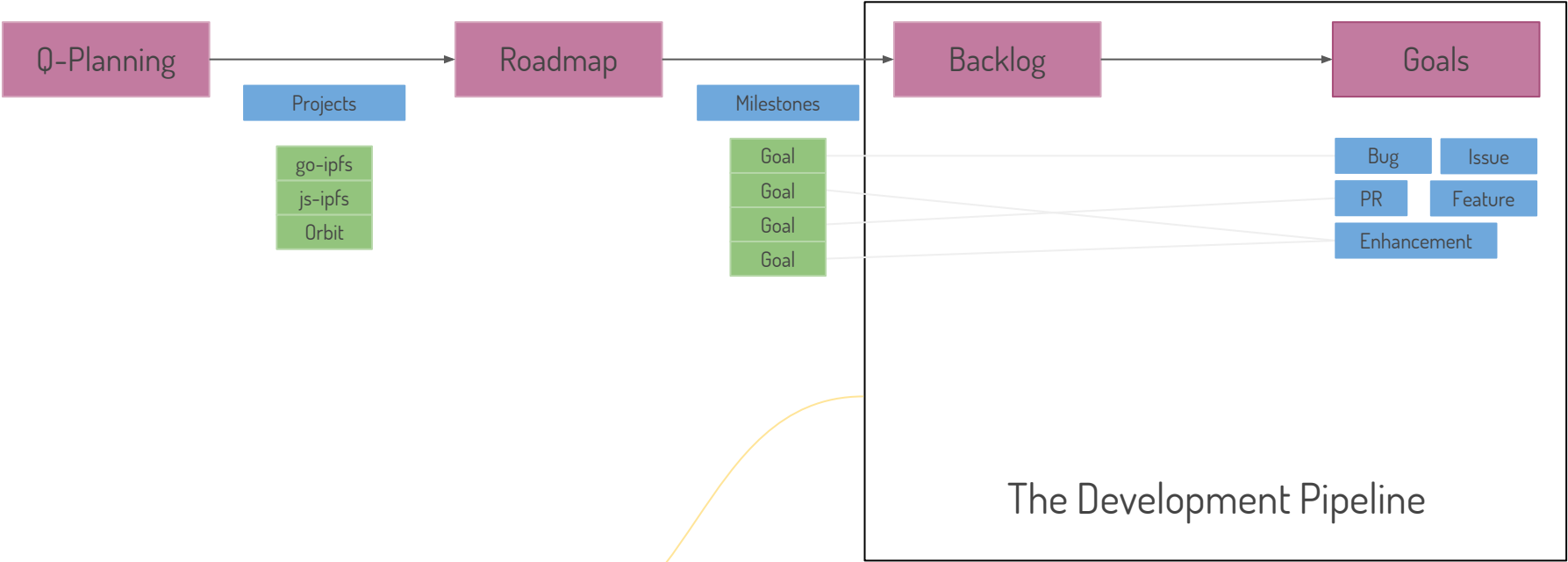
Tasks get pulled through a pipeline



As Tasks get completed, releases are made



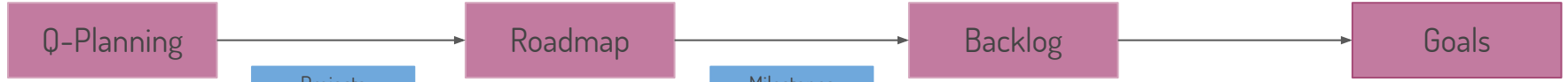
How the pipeline works is described with the mechanics



THE MECHANICS PART

Release → Value

The Model and Github



Projects

- go-ipfs
- js-ipfs
- Orbit

Milestones

- Goal
- Goal
- Goal
- Goal

- Bug
- Issue
- PR
- Feature
- Enhancement

Milestones

headcode / orbit

Labels Milestones

4 Open 1 Closed

- Fix Orbit** Due by August 13, 2016 0% complete 3 open 0 closed
- Integrate Orbit with uPort** Due by September 17, 2016 0% complete 1 open 0 closed
- Improve Orbit's documentation and developer experience** Due by September 29, 2016 80% complete 3 open 3 closed
- Orbit with IPFS Pubsub** Due by September 29, 2016 0% complete 0 open 0 closed

Backlog

headcode / orbit

Filters: 23 Open 19 Closed

- 23 Open 19 Closed: Reduce Electron app's startup time
- 22 Open 18 Closed: Reduce client build (main.js) size
- 21 Open 17 Closed: CLI for Orbit
- 20 Open 16 Closed: Use Reflux 0.5 for Stores in the client
- 19 Open 15 Closed: Orbit API documentation
- 18 Open 14 Closed: Add instructions to README on how to use different IPFS data repo with IPFS_PATH
- 17 Open 13 Closed: Buffering support for adfziger files
- 16 Open 12 Closed: Move all client related code and tools to client/directory
- 15 Open 11 Closed: Use browserify for js-ipfs version
- 14 Open 10 Closed: Pre-compile everything in BackgroundAnimation-render
- 13 Open 9 Closed: Fix Directory views
- 12 Open 8 Closed: Fix file previews

Board

headcode / orbit

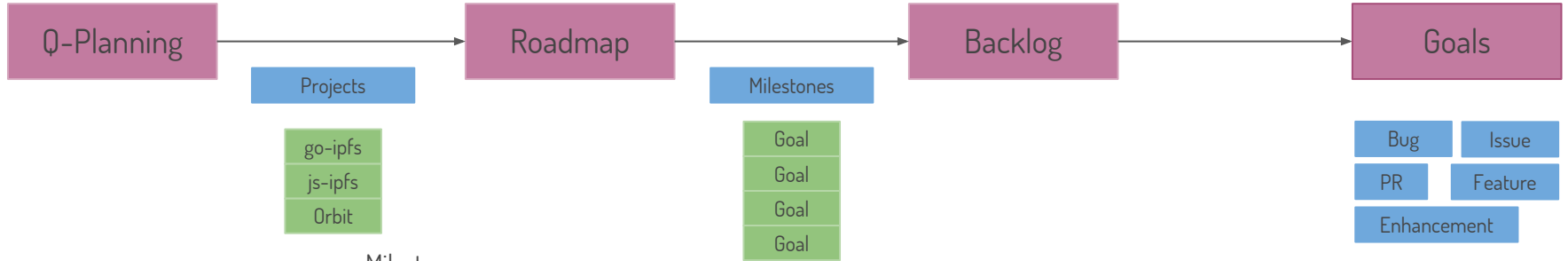
Backlog 32 In Progress 1 Blocked 1

- Backlog:** Orbit API documentation, Orbit API integration, Support signed messages, Fix file previews, Orbit API documentation, Orbit API documentation, Orbit API documentation, Orbit API documentation, Move all client related code and
- In Progress:** Update mocha to version 3.0.0, Use browserify for js-ipfs version
- Blocked:** Fix file previews

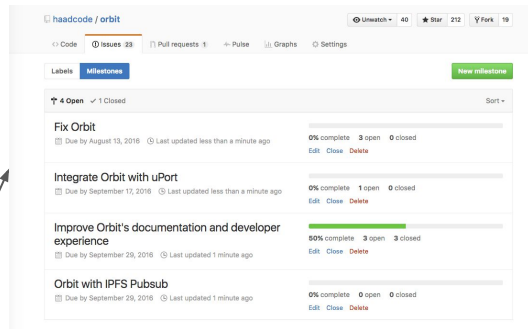
Roadmap

go-ipfs						
GO-IPFS SHIP go-ipfs 0.4.3 Owner @whyrusleeping	GO-IPFS SHIPS (A1) Interactions - go-IPFS needs from go-IPFS - Not get PubKey from Seco - Websockets Owner @whyrusleeping	GO multicodecs implemented	GO Metrics Better - up on	GO IPLD Blockstore Integration (dup)		
GO-IPFS HAMT Sharding Go-ipfs Protocol Owner @whyrusleeping	GO Multiple Protocol version handling Owner @whyrusleeping	GO Benchmarking - automated suite on telemetry - benchmarks across api space	GO Extract Gateway to its own thing - using core-api Owner: @gareth	GO multicodecs implemented		
GO Keystore implemented and released GO Resource limits - memory - bandwidth - storage GO Perf - the performance will be performantly performant (what??)	GO-IPFS Database - too many fd fees Owner @whyrusleeping			GO Benchmarking - automated suite on telemetry - benchmarks across api space		

The Model and Github



Milestones



In Github, create a Milestone for each project milestone in the roadmap.

“Q3 M1 - Fix Orbit”
→ “Fix Orbit”

“Q3 M2 - uPort Integration”
→ “Integrate Orbit with uPort”

Roadmap

go-ipfs							
			GO-IPFS SHIPS (A1) Interactions				
	GO-IPFS Ship go-ipfs 0.4.3 Owner @whyuseleeping		js-ipfs needs from go - Not get PubKey from Seco @haadcode Owner @whyuseleeping	GO multicodecs implemented	GO Metrics Better - up on	GO IPLD Blockstore Integration (dup)	g 4 0
	GO-IPFS HAMT Sharding Go-ipfs Protocol Owner @whyuseleeping		GO Multiple Protocol version handling Owner @whyuseleeping	GO Benchmarking - automated suite on teamcity - benchmarks across opt space	GO Extract Gateway to its own repo WRING CORE-API Owner: @gareth	GO Blockstore Implementation	g 4 0
	GO KeyStore implemented and released		Go-IPFS Database too many fd fees Owner @whyuseleeping			GO benchmarking - automated suite on teamcity - benchmarks across api space	g 4 0
	GO Resource Limits - memory - bandwidth - storage						g 4 0
	GO Perf - the performance will be performant (what??)						g 4 0

The Model and Github



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- go-ipfs
- js-ipfs
- Orbit

Milestones

- Goal
- Goal
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Milestones

hadcode / orbit

Labels Milestones

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- Improve Orbit's documentation and developer experience** (Due by September 29, 2016) 80% complete 3 open 3 closed
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Backlog

Filters: 23 Open 19 Closed

- Reduce Electron app's startup time (Milestone: **Fix Orbit**)
- Reduce client build (main.js) size (Milestone: **Fix Orbit**)
- CLI for Orbit (Milestone: **Integrate Orbit with uPort**)
- Use Reflux 0.5 for Stores in the client (Milestone: **Improve Orbit's documentation and developer experience**)
- Orbit API documentation (Milestone: **Improve Orbit's documentation and developer experience**)
- Add instructions to README on how to use different IPFS data repo with IPFS_PATH (Milestone: **Improve Orbit's documentation and developer experience**)
- Buffering support for adfitter files (Milestone: **Fix Orbit**)
- Move all client related code and tools to client/directory (Milestone: **Fix Orbit**)
- Use browserify for js-ipfs version (Milestone: **Fix Orbit**)
- Pre-compile everything in BackgroundAnimation-render() (Milestone: **Fix Orbit**)
- Fix directory views (Milestone: **Fix Orbit**)
- Fix file previews (Milestone: **Fix Orbit**)

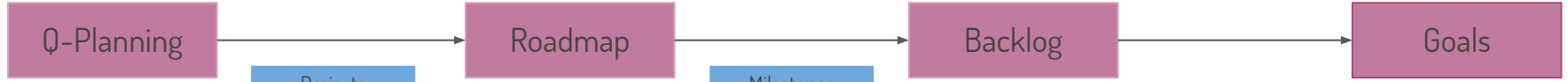
In Github, break down each milestone into individual goals or tasks, attach issues reported by the community to milestones.

“Q3 M1 - Fix Orbit”
 → “Fix Orbit”
 → “Fix directory views”
 → “Fix file previews”

Roadmap

go-ipfs						
GO-IPFS Ship go-ipfs 0.4.3 Owner: @whyrusleeping	GO-IPFS SHIPS (A1) Interactions - Not get PubKey from Seco - Websockets Owner: @whyrusleeping	GO multicodecs implemented	GO Metrics Better - up on	GO IPLD Blockchain Integration (dup)	GO Resource Limits - memory - bandwidth - storage	GO Perf - the performance will be performantly performant (what??)
GO-IPFS HAMT Sharding Go-ipfs Protocol Owner: @whyrusleeping	GO Multiple Protocol version handling Owner: @whyrusleeping	GO Benchmarking - automated suite on telemetry - benchmarks across opt space	GO Extract Gateway to its own lib WRING CORE-API Owner: @gareth	GO multicodecs Implemented		
GO KeyStore implemented and released	GO-IPFS Database too many fd fees Owner: @whyrusleeping			GO benchmarking - automated suite on telemetry - benchmarks across api space		

The Model and Github



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- Goal
- Goal
- Goal
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- Bug
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headcode / orbit

Labels Milestones New milestone

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In Waffle, create a Board and add every repository of the project as a source.
Setup your Board as per the project management mechanics.

headcode/orbit

Backlog 32 In Progress 1 Blocked 1

- 37 headcode/orbit: Orbit API integration
- 38 headcode/orbit: Support signed messages
- 39 headcode/orbit: Fix directory views
- 40 headcode/orbit: Fix file previews
- 41 headcode/orbit: Fix directory views
- 42 headcode/orbit: Update mocha to version 3.0.0
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- 44 headcode/orbit: Use browserify for js-ipfs version
- 45 headcode/orbit: Fix file previews
- 46 headcode/orbit: Add instructions to README on how to use different IPFS data repo with IPFS_PATH
- 47 headcode/orbit: Make README standard-readme compliant
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- 50 headcode/orbit: Orbit API documentation
- 51 headcode/orbit: Make README standard-readme compliant
- 52 headcode/orbit: DocumentStore
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The Model and Github



Projects

- go-ipfs
- js-ipfs
- Orbit

Milestones

- Goal
- Goal
- Goal
- Goal

Goals

- Bug
- Issue
- PR
- Feature
- Enhancement

Milestones

Backlog

Now we can

- Generate a detailed Roadmap from all goals in all milestones across repositories and projects
- See the status on gradually granular levels of detail
 - Milestone progress (overview and per project)
 - Individual project progress (overall and per milestone)
 - Weekly and daily progress (what's being worked on right now)

Roadmap

go-ipfs		GO-IPFS SHIPS [A1]	
GO-IPFS Ship go-ipfs 0.4.3 Owner @whyrusleeping		GO-IPFS SHIPS [A1] Interactions js-IPFS needs to go - Not get PubKey from Seco @Wabooode Owner @whyrusleeping	GO multicodecs implemented
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GO KeyStore Implemented and released GO Resource Limits - memory - bandwidth - storage GO Perf - the performance will be performantly performant (what??)		GO-IPFS Database too many I1 fees Owner @whyrusleeping	GO performance - automated suite on telemetry - benchmarks across api space

Part 2 - The Mechanics

haadcode/orbit

Backlog 0 / 32

Any open issues automatically show up in this column.

TODO 2 / 8

In Progress 1 / 1

Filter Board

Expand connected PRs clear all

Assigned

Labels

Milestones

Filter milestones

Clear milestone filter

Issues with no milestone

Fix Orbit

Improve Orbit's documentation ...

Improve orbit-db's documentati...

Integrate Orbit with uPort

Orbit with IPFS Pubsub

Sources

PRs only PRs & Issues Issues only

18 haadcode/orbit
Automatically join channels on start
Fix Orbit Difficulty: Easy enhancement

41 haadcode/orbit
Fix directory views
Fix Orbit Difficulty: Easy bug help wanted

44 haadcode/orbit
Use browser-fs for js-ipfs version
Fix Orbit

WORK IN PROGRESS

haadcode / orbit

Unwatch 40 Star 212 Fork 19

Code Issues 23 Pull requests 1 Pulse Graphs Settings

Fix Orbit Edit milestone New Issue

Due by August 13, 2016 0% complete

4 Open 0 Closed

Automatically join channels on start Difficulty: Easy enhancement TODO #18 opened on May 10 by haadcode 2

Use browser-fs for js-ipfs version in progress #44 opened 8 days ago by haadcode 1

Fix file previews blocked bug #40 opened 8 days ago by haadcode 2

Fix directory views bug Difficulty: Easy help wanted TODO #41 opened 8 days ago by haadcode 2

Tip! You can use `shift+j` or `shift+k` to move items with your keyboard.