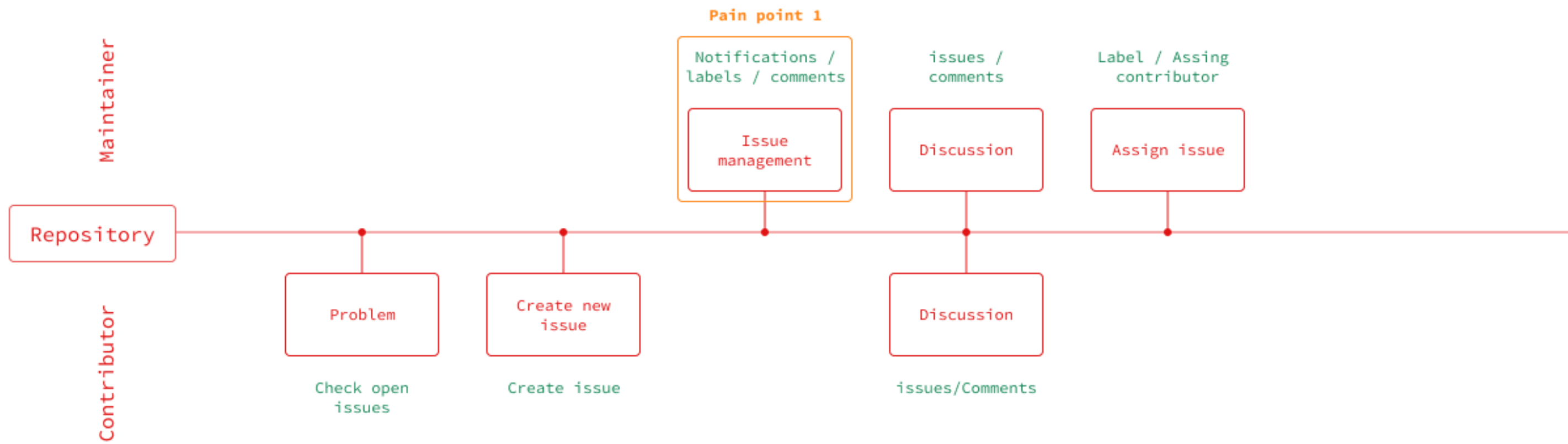


# Oscoin Collaboration Workflow

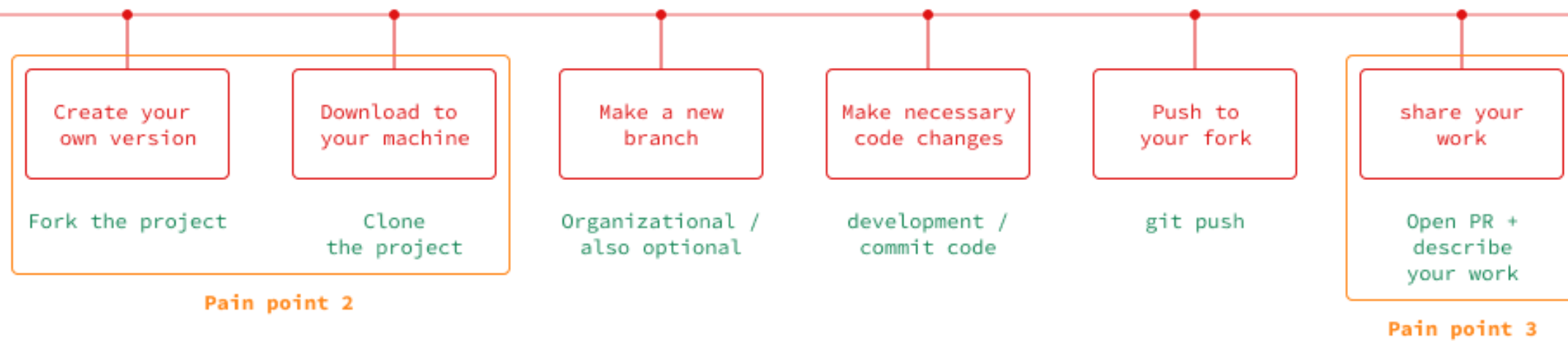
# Overview

1. Existing flow
2. Existing painpoints
3. Our workflow
4. Addressed painpoints
5. Next steps

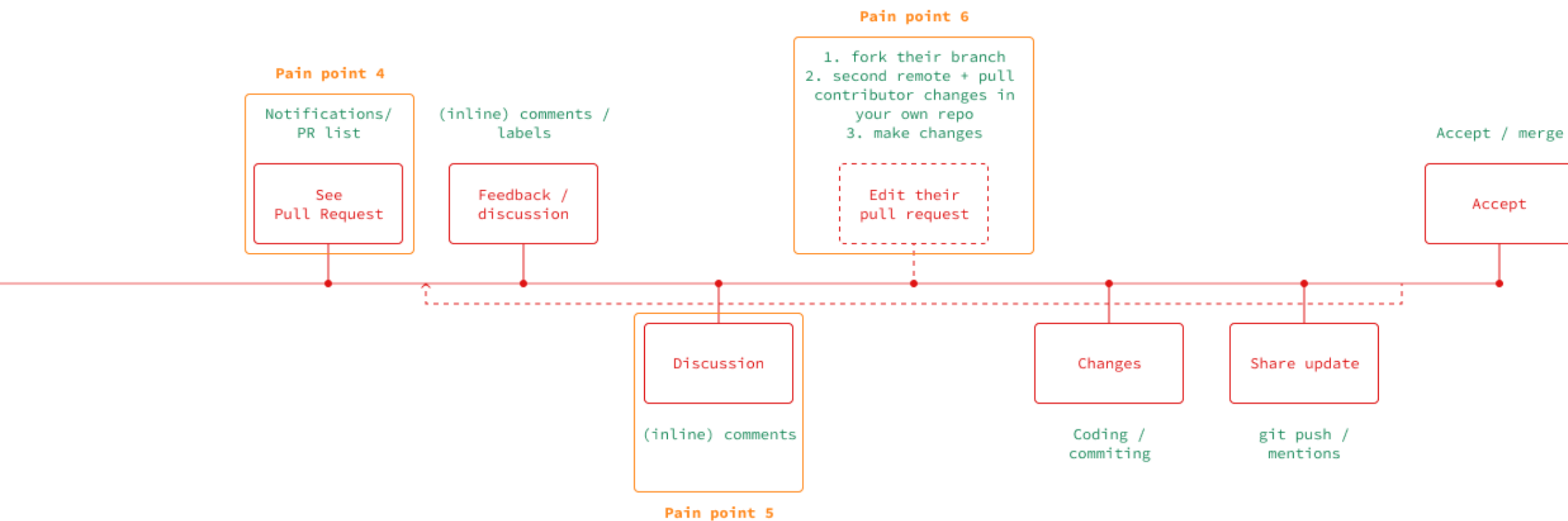
# **1. Existing flow**



## PROBLEM DEFINITION & ASSIGNMENT



## CONTRIBUTION



## FEEDBACK & RESOLUTION

## **2. Existing painpoints**

# 1. Notifications + issues + PR's

## Existing painpoints

- Lots of noise
- Doesn't indicate how much work needs to be put into any of it
- Hard to get an overview and easy to get overwhelmed



## 2. Difficulty to do small contributions

### Existing painpoints

- Current workflow forces you to always make branches/PR's
- Sometimes you just want to do a small patch

### 3. Going from having a change locally to creating a PR

#### Existing painpoints

- Ideally the process is seamless and my changes show up as suggestions/contributions (no separate PR flow needed)
- PR is good for “official” proposals

## 4. Keeping track of what is reviewed during Review

Existing painpoint

- On GH combination of “notifications and PR tab”
- Nice to not have to context switch too much >  
resolve these inline as much as possible

## 5. Big PR discussions are hard to follow

Existing painpoint

- Threaded comments could help

## 6. Suggesting a fix on a review is very hard

Existing painpoint

- Would be great to be able to do light weight contributions without having to make a pr on a pr

# 3. Our workflow

# Our workflow

1. Inbox
2. Revisions & Suggestions
3. Workspaces

## 3.1 Inbox

### Our workflow

Inbox of open revisions: Gives you an overview of anything that is related to you or needs your attention and allows you to jump into the revisions and from there easily open the revision up in your editor and contribute more than just comments. We do that by creating work trees for a revision.



## 3.1 Inbox

### Our workflow

List of diffs per revision that need your attention.  
You'll only be able to mark the revision as reviewed when all the diffs have been reviewed.

## 3.2.1 Revisions

### Our workflow

Revisions are like a Pull Request, except they can be started from anything. One or a set of commits, a branch, ... They represent the central place where reviewers & contributors can get a quick overview, follow and partake in the conversation and easily suggest small fixes or patches.

## 3.2.2 Suggestions

### Our workflow

During a revision, if you happen to see a small bug or typo or just want to suggest a different way to do it. You'll be able to easily pull this revision to your local environment (with workspaces) and run it. You can change the code that you want to change and then just “suggest” this change to the revision.

## 3.2 Revisions & Suggestions

Our workflow

Example cli

## 3.4 Workspaces

### Our workflow

Workspaces allows one to explore anybody else's code without interrupting our current work. It provides a local version where we can explore the code and run it as well. We hope that having the code that you're reviewing so accessible it could actually reduce complicated conversations about a revision and nudge contributors and reviewers to jump in and fix the code themselves.

## **4. Addressed painpoints**

## Addressed painpoints

- [x] Notifications + issues + PR's
- [x] Difficulty to do small contributions
- [x] Going from having a change locally to creating a PR
- [x] Keeping track of what is reviewed in review
- [>] Big PR discussions are hard to follow
- [x] Suggesting a fix on a review is very hard

# 5. Next steps



## Next steps

- Design Revision flow / UI
- Design Inbox flow / UI
- Build light weight prototype
- User test the prototype