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## Gitlab 工具

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## 一个技术项目怎么管理

- 作为技术项目的参与者，每一个人都  
有共同维护技术项目过程、节奏、完  
成度的义务
- 我们应该怎么样去保证过程的质量呢
- 你有没有接触过相关的工具呢？







# The platform for modern developers

GitLab unifies issues, code review, CI and CD into a single UI



Manage



Plan



Create



Verify



Package



Release



Configure



Monitor



Secure

## 任务管理与计划

## 和用户沟通形成需求后

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01

建立 Milestone

02

拆分任务，建立 Issue，设置 Deadline，并评估完成时间

03

在开发过程中关注任务计划

# 建立 Milestone

## Progress

157 issues: 11 open and 146 closed 380 merge requests: 45 open and 308 merged 89% complete Past due Total weight: 57

Browse Merge Requests

Issues 157 Merge Requests 380 Participants 37 Labels 53

Work in progress (open and unassigned)	Waiting for merge (open and assigned)	Rejected (closed)	Merged
WIP: Use forked github-markup gem to enable python3 support with omnibus !6659 Pick into Stable regression	Resolve "NameError: undefined local variable or method `request' for #<Grape::Middleware::Error:0x007fc990..." !6615 Pick into Stable regression	WIP: merge request for #21783 !6464 Community Contribution Frontend	Fix project deletion when feature visibility is set to private !6688 regression
WIP: Improved redis sentinel documentation for CE !6471 Pick into Stable	Fix lightweight tags not processed correctly by GitTagPushService !6532 Pick into Stable regression	Add index on labels title !6436 Performance Pick into Stable	Restrict failed login attempts for users with 2FA !6668 security
WIP: Hides sidebar nav on window resize !6389 Frontend Pick into Stable	Removes inconsistency regarding tagging immediately as merged once you create a ... !6408 bug repository	Fix login page emoji rendering slightly out of place !6434 Community Contribution Frontend Pick into Stable bug	Fix issues importing services via Import/Export !6667 import regression
WIP: Projects members dropdown !6231 Frontend	Resolve Merge conflicts in editor !6274 Frontend merge requests	Use force: cascade to drop dependent objects on deprecated ci_services table !6423	Skip wiki creation when GitHub project has wiki enabled !6665 import
add star for action scope, in order to delete image from registry			



# 拆分任务建立 Issue

IssuesBoardLabelsMilestones

Open216Closed318All534

Filter by name ...

New Issue

Author

Assignee

Milestone

Label

Weight

Reset filters

Priority

Deploy our blog faster

#438 · opened about a month ago by Marcia Ramos

Sep 8, 2016

Blog

Content Marketing

Design

Top Priority

1

56

updated 27 days ago

EE Features - update docs

#336 · opened 3 months ago by Marcia Ramos

GitLab EE

Tech Writing

Top Priority

11 of 28 tasks completed

10

updated about a month ago

Mexico Summit 2017 Shirt

#535 · opened about 3 hours ago by Emily

Dec 1, 2016

Design

0 of 2 tasks completed

0

updated about 3 hours ago

London Sticker

#534 · opened about 3 hours ago by Emily

Design

Events

0 of 1 task completed

0

updated about 3 hours ago

Product Descriptions to Zuora and Salesforce

#533 · opened about 3 hours ago by Francis Aquino

2

updated 9 minutes ago

Photo Box Artwork

#532 · opened about 19 hours ago by Emily

Oct 7, 2016

Design

Events

0 of 1 task completed

0

updated about 19 hours ago

Conversational Development Pillar

#531 · opened about 20 hours ago by Erica

Dec 16, 2016


Content Marketing

Demand Generation

0 of 3 tasks completed

0

updated about 20 hours ago

 计蒜客

7

# Issue 要被精确的计划

☒ This issue is confidential and should only be visible to team members with at least Reporter access.

Assignee

Marcia Ramos

Assign to me

Due date

Select due date

October 2016

Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Milestone

8.13

Labels

× feature proposal

Create new label

Weight

4

Submit issue

Please review the [contribution guidelines](#) for this project.

Cancel

在 Issue 的评论中可以确立预期耗时 `/estimate 2w 3d`

 Haoran Yu @haoranyu changed time estimate to 2w 16 minutes ago

每次进行了一次提交后，请在 Issue 中评论 `/spend 2w 3d`

 Haoran Yu @haoranyu added 1h of time spent 16 minutes ago



## 在开发过程中关注任务计划

如果发生了预估时间的增加，需要及时 `/estimate 2w 3d`

每完成一部分的工作，要在对应 Issue 写明 `/spend 2w 3d`

每一次 commit 的时候，需要写明关联到哪个 Issue

```
git commit -m "This is my commit message. Ref #xxx"
```

在一个分支完成开发，发起合并请求的时候，注意写明要关闭哪个 Issue，邮件通知哪些人

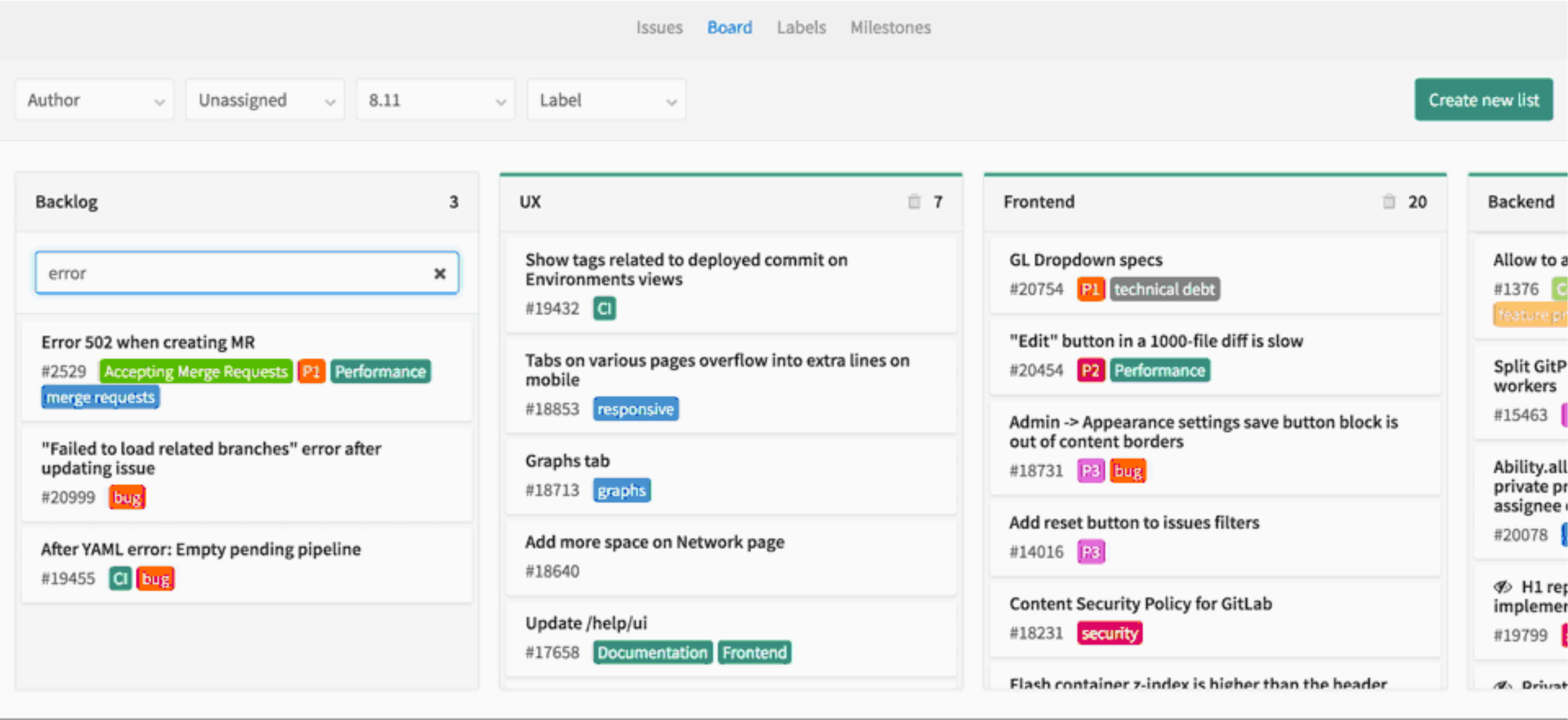
```
This MR creates a `readme.md` to this project, with an overview of this app.  
Closes #xxx and https://gitlab.com/<username>/<projectname>/issues/<xxx>
```

Preview:

```
![preview the new page](#image-url)
```

```
cc/ @Mary @Jane @John
```

# 使用kanban视图



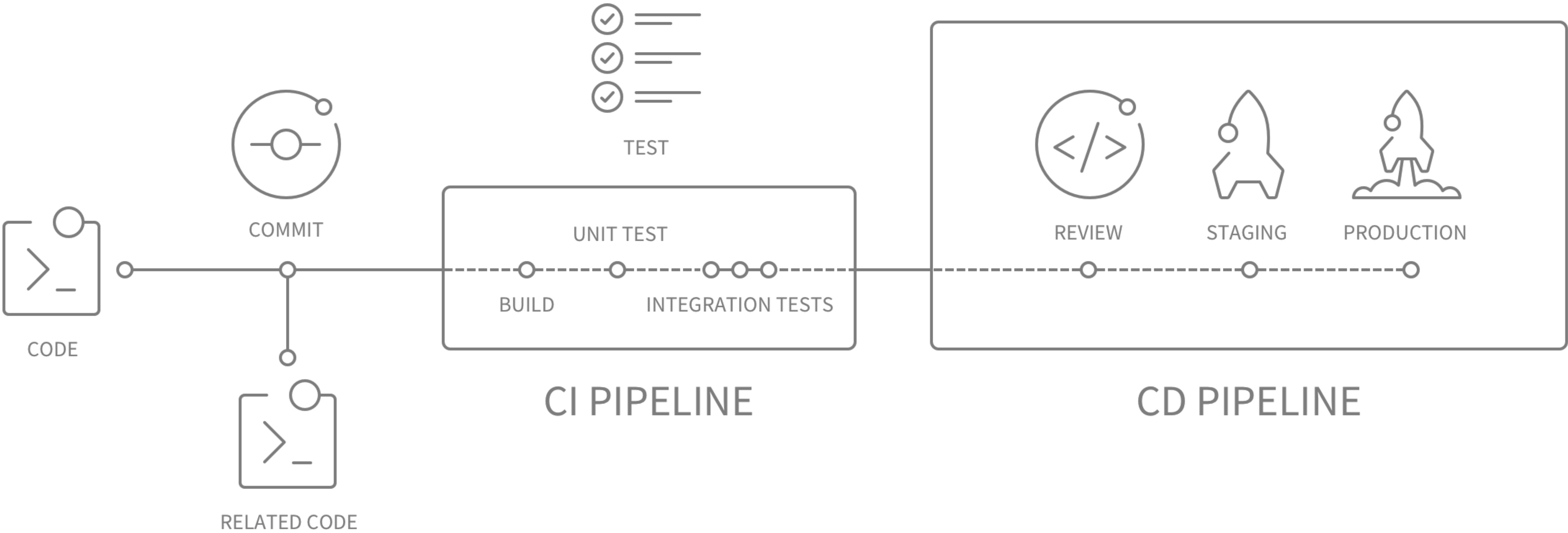
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## 代码提交与测试、审计

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# 从写代码到被用户使用



# 写完代码提交有什么要求

- 01 | 一个分支关联一个 Issue，一次提交只做一件事情
- 02 | 提交的内容应该与分支目的相关
- 03 | 提交信息首字母要大写、要关联到 Issue

- 01 | 发起 Merge Request 后测试会自动跑
- 02 | 在自动化检测通过后，我们可以进行人工 Review
- 03 | 人工 Review 后可以批准修改，之后可以由对 MR 发起人或项目负责人完成合并



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你的工作状态

## 工作节奏

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01 | 早上站立会（或者异步开会工具上开会），核对 todo 和达成时间

02 | 根据优先级和分配情况清扫 Issue

03 | 参与项目的 MR

# Git 和 Gitlab 被放在一起

