GitHub & Slack

2018. 10. 20

백엔드팀 이동준
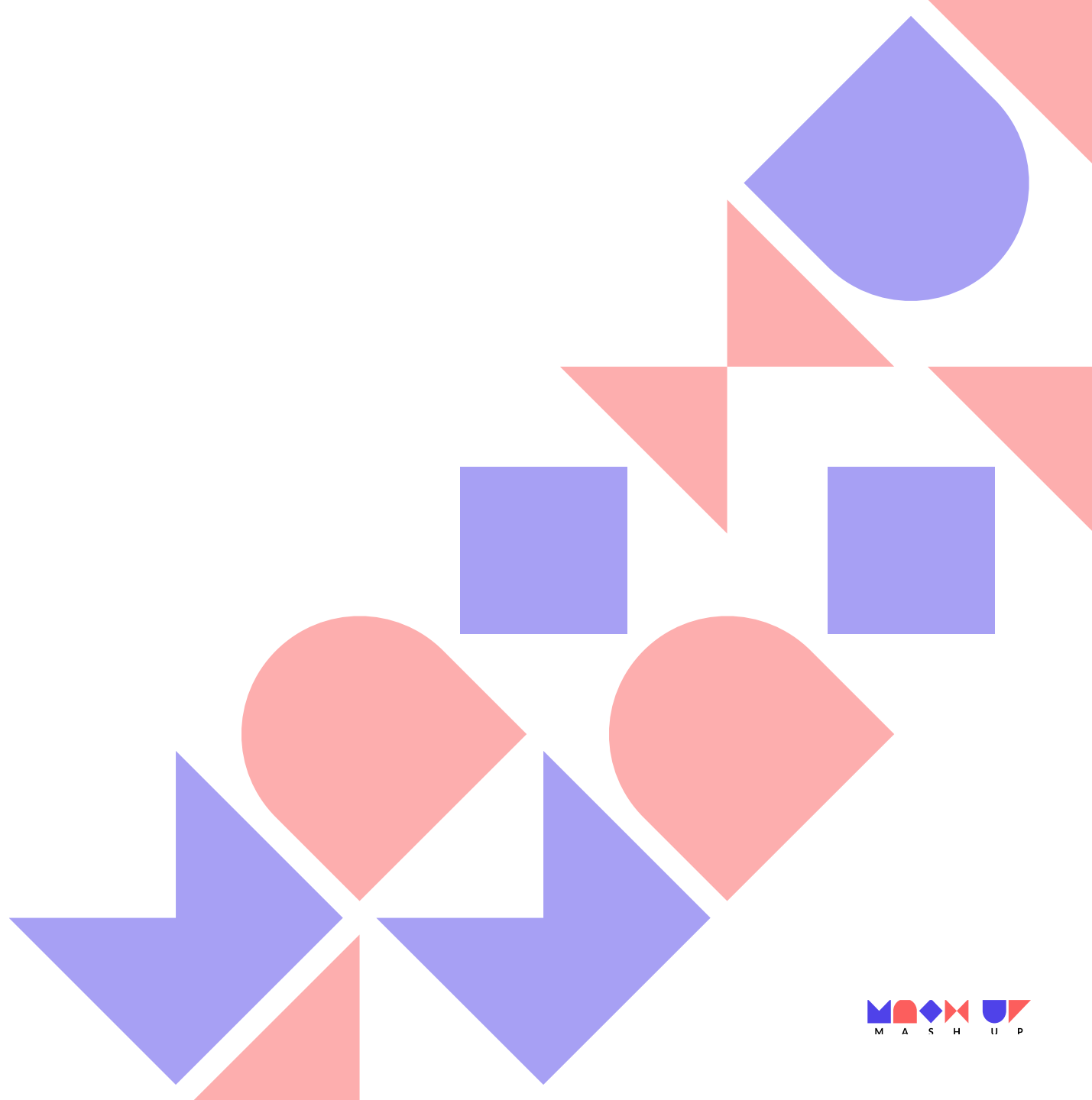
CONTENTS

01

GitHub

- Git
- SVN vs Git
- GitHub

소스 현상 관리

리누스 토르발즈

리누스 커널

Local Repository

Remote Repository

VS

GitHub - Git vs Svn

SVN

컴퓨터 ⟷ **Remote**

Git

컴퓨터 ⟷ 스테이지 영역 ⟷ **Local** ⟷ **Remote**

스냅샷

브랜치|

SVN vs GIT
https://www.slideshare.net/einsub/svn-git-17386752

어렵다? 귀찮다?

Issue기반으로 진행

branch 전략

- git flow를 따른다

branch naming

- `issue number-issue name`
- ex) 16-defining-development-rules

commit message

- `[#issue number>] [behavior(upper case)] message`
- ex. `[#16] [FIX] 개발 규칙 오타 수정`

개발 프로세스

1. issue 생성
2. issue 기반 branch 생성
3. issue와 관련된 feature 개발 완료
   - 개인별 repo or branch에서는 commit 각자 스타일에 맞춰
4. merge commit 생성시(PR) commit message rule에 맞춰서 sqash merge를 위해 commit history 단장
5. PR이 주요 branch로 merge되기 위한 조건
   - 최소 1명의 review의 approve
   - CI로 인한 build success
   - test case 작성 - optional
6. merge 후 feature branch 제거
7. issue close

DB Table을 모델링

- DB Table을 모델링한다

초안
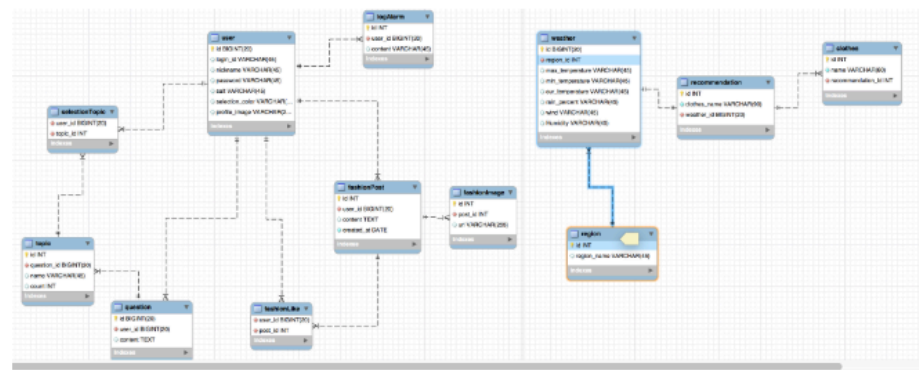
완료 조건

- ☑ comment로 ERD 초안이 공유된다
- ☑ 공유된 초안으로 리뷰를 진행한다

개발 규칙 정하기

디비 모델링

Issue template

규칙을 정하자

개발 규칙

커밋 메시지

https://udacity.github.io/git-styleguide/

PR(Pull Request)

https://wayhome25.github.io/git/2017/07/08/git-first-pull-request-story/

https://www.popit.kr/github%EB%A1%9C-%ED%94%EB%A1%9C%EC%A0%9D%ED%8A%B8-
%EA%B4%80%EB%A6%AC%ED%95%98%EA%B8%B0-part1-%EC%9D%B4%EC%8A%88-
%EB%B0%9C%EA%B8%89-%EB%B6%80%ED%84%B0-
%EC%BD%94%EB%93%9C%EB%A6%AC%EB%B7%B0%EA%B9%8C/

PR(Pull Request)
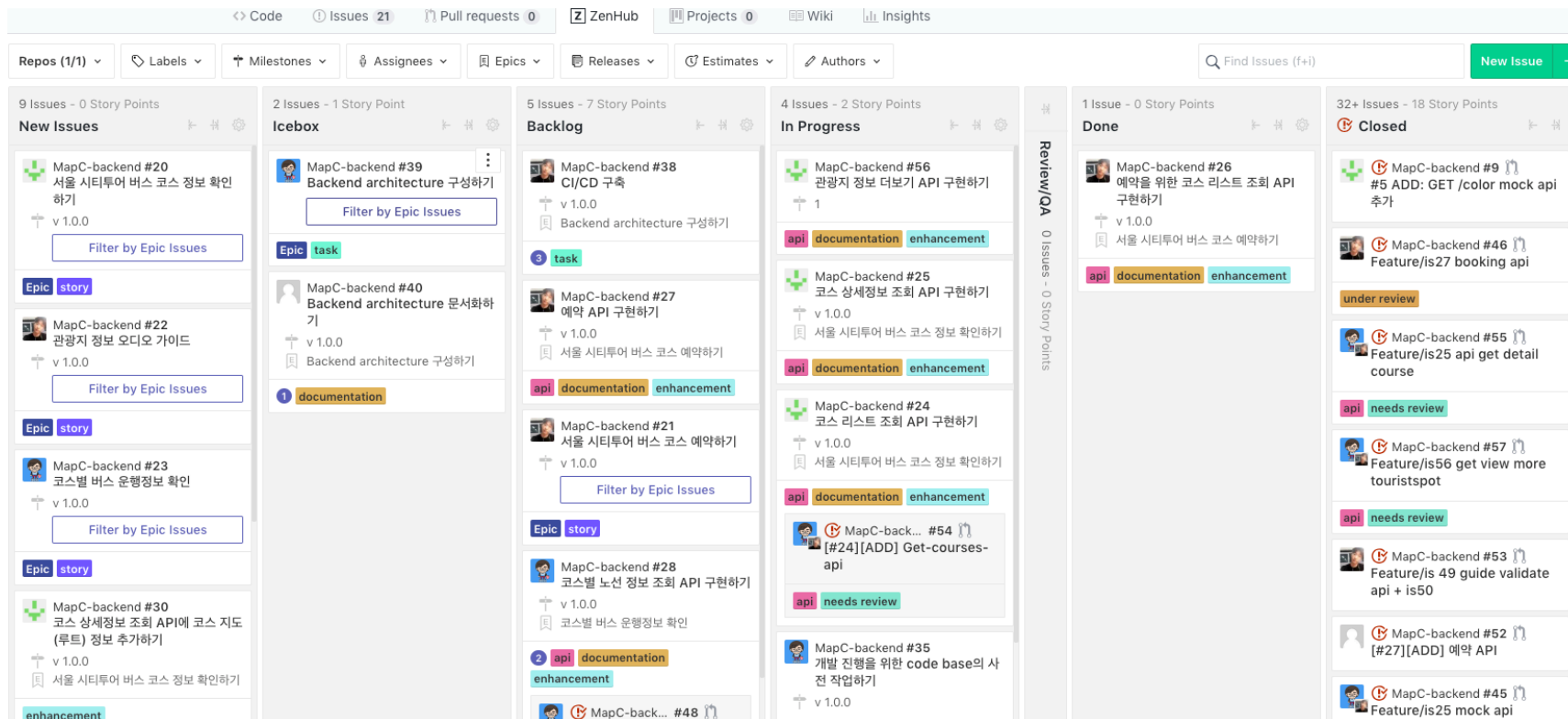
ZenHub(kanban board)

API Endpoint 정리
KiWooyoung edited this page 19 days ago · 8 revisions

1. CourseRoute API (Bus)

버스노선도 조회

Get - BASEURL/courses/route

- Content-Type : application/json

```
- Request
- Response

[
    {
        "title": "A코스",
        "sub_title": "도심, 고궁코스",
        "main_color": "#fd7674",
        "options": [
            "광화문 ↔ 세종문화회관\n배차간격  20분~40분"
        ],
        "stations": [
            {
                "stations_number": 1,
                "station_name": "광화문(기점)",
                "station_location": {
                    "lat": 37.576141,
                    "lng": 126.976869
                }
            },
            {
                "stations_number": 2,
                "station_name": "덕수궁",
                "station_location": {
                    "lat": 37.566068,
                    "lng": 126.975168
                }
```

개발 규칙
Dong Hee Kim edited this page on 18 Aug · 19 revisions

Coding conventions

- commit 전 항상 IDE의 `Reformat` , `Optimize imports` 기능 사용

Git

branch 전략

- git flow를 따른다
- git-flow cheatsheet

branch naming

- `is<issue number>-issue name`
- ex) 이슈가 개발 규칙 정하기라면 -> is16-defining-development-rules

commit message

- `[#<issue number>][behavior(upper case)] message`
  - ex) `[#16][FIX] 개발 규칙 오타 수정`
- 현재 시제 사용
  - ex) Add feature not Added feature
- 첫줄은 72문자 이하로 제한
- 첫줄 이후 자유롭게 기술

> **commit message에 issue number를 붙이는 이유?**
>
> 어떤 commit이 해당 issue로 인해 진행되고 있음을 tracking하기 위해서

Wiki

Hook

02

Slack

- Slack
- Hook
- Slack & GitHub

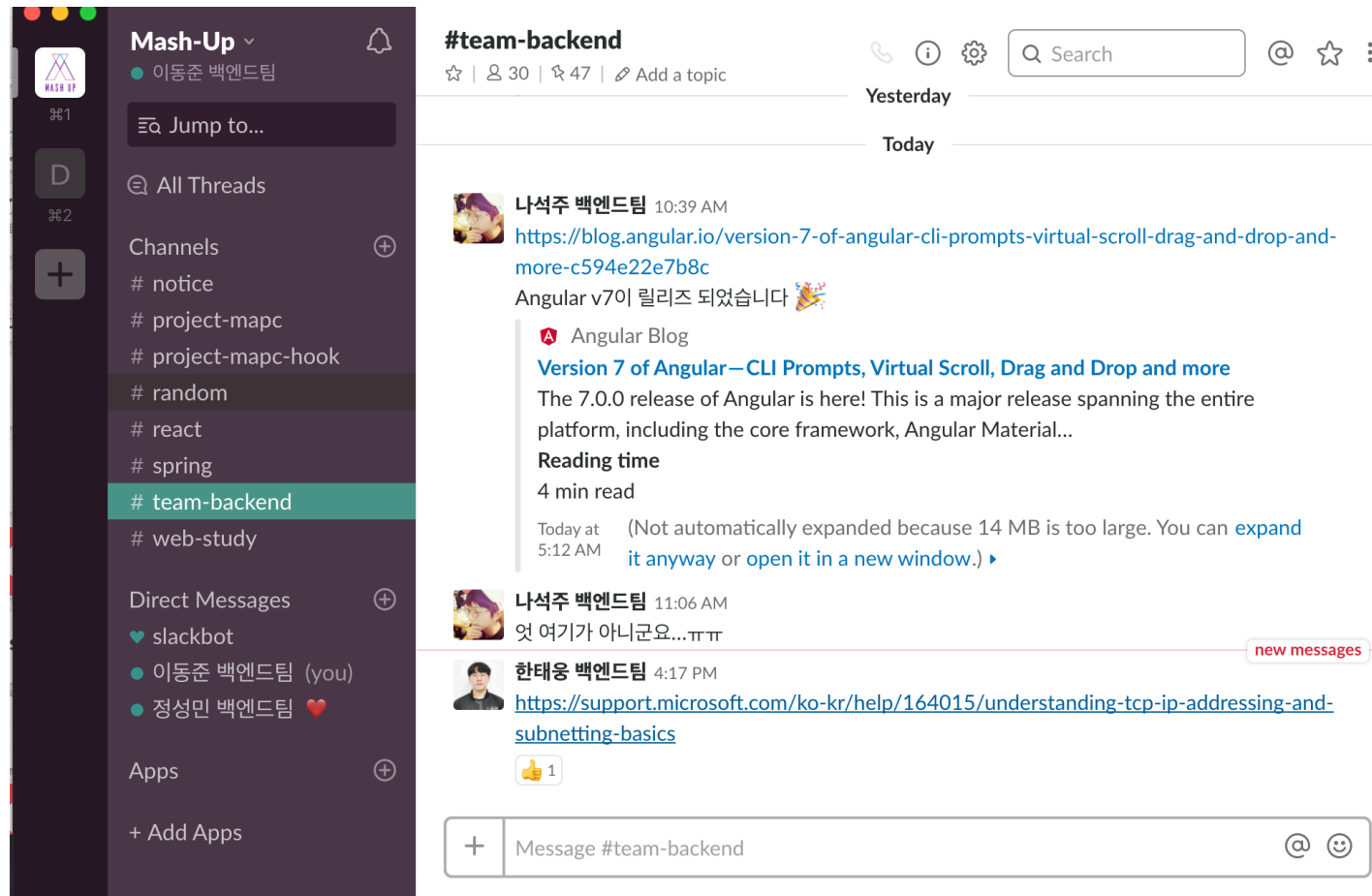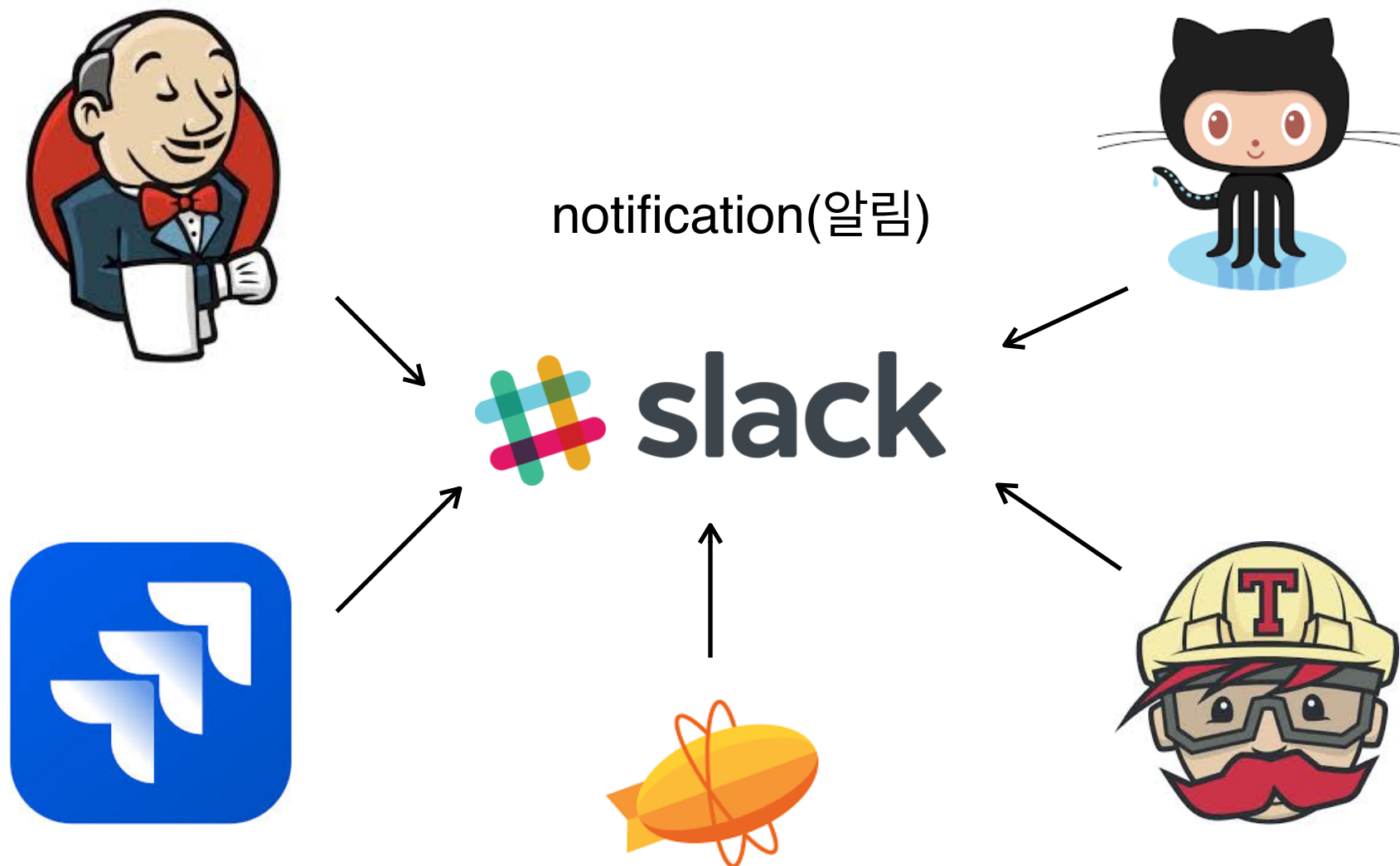# Slack - Slack

Slack - Slack

https://medium.com/@justin_jin/%EC%8A%AC%EB%9E%99%EC%9D%B4-
%EC%B9%B4%EC%B9%B4%EC%98%A4%ED%86%A1%EB%B3%B4%EB%8B%
A4-%EC%A2%8B%EC%9D%80-%EC%9D%B4%EC%9C%A0-d7153f0b2af7

https://ppss.kr/archives/62444

참고

HOOK

갈고리, 걸이

notification(알림)

Slack - Hook

Slack hook

Slack - Hook

Add apps to your workspace

Giphy
An online library of animated GIFs   Install

Google Drive
Get notifications about Google Drive files within Slack   Install

Trello
Collaborate on Trello projects without leaving Slack.   Install

Dropbox
Cloud file storage and syncing   Install

Twitter
Bring tweets into Slack.   Install

Simple Poll
Create native and simple polls in Slack.   Install

Google Calendar
A shared calendar for your team.   Install

Google+ Hangouts
Bring your conversations to life with free video calls.   Install

To-do
Simple and powerful to-do list and task manager by Workast   Install

많은 app

◯ Just the push event.

◯ Send me **everything**.

⦿ Let me select individual events.

☐ **Check runs**
Check run is created, requested, rerequested, or completed.

☐ **Check suites**
Check suite is requested, rerequested, or completed.

☐ **Commit comments**
Commit or diff commented on.

☐ **Branch or tag creation**
Branch or tag created.

☐ **Branch or tag deletion**
Branch or tag deleted.

☐ **Deployments**
Repository deployed.

☐ **Deployment statuses**
Deployment status updated from the API.

☐ **Forks**
Repository forked.

☐ **Wiki**
Wiki page updated.

☑ **Issue comments**
Issue comment created, edited, or deleted.

☑ **Issues**
Issue opened, edited, closed, reopened, assigned, unassigned, labeled, unlabeled, milestoned, or demilestoned.

☐ **Labels**
Label created, edited or deleted.

☐ **Collaborator add, remove, or changed**
Collaborator added to, removed from, or has changed permissions for a repository.

☐ **Page builds**
Pages site built.

☐ **Project cards**
Project card created, updated, or deleted.

☐ **Visibility changes**
Repository changes from private to public.

☑ **Pull request reviews**
Pull request review submitted, edited, or dismissed.

☑ **Pushes**
Git push to a repository.

☐ **Repositories**
Repository created, deleted, archived, unarchived, publicized, or privatized.

☐ **Milestones**
Milestone created, closed, opened, edited, or deleted.

☐ **Projects**
Project created, updated, or deleted.

☐ **Project columns**
Project column created, updated, moved or deleted.

☑ **Pull requests**
Pull request opened, closed, reopened, edited, assigned, unassigned, review requested, review request removed, labeled, unlabeled, or synchronized.

☑ **Pull request review comments**
Pull request diff comment created, edited, or deleted.

☐ **Releases**
Release published in a repository.

☐ **Repository imports**
Repository import succeeded, failed, or cancelled.
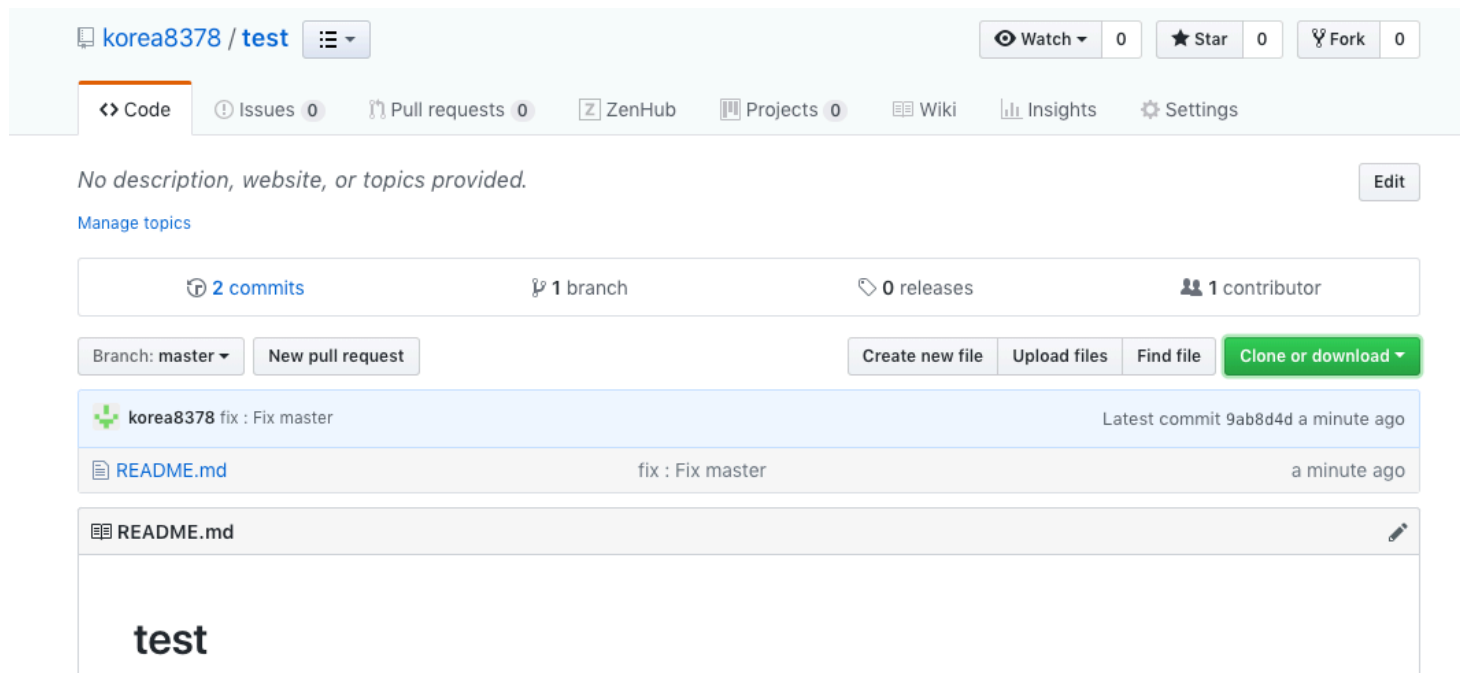
Github hook

Github hook
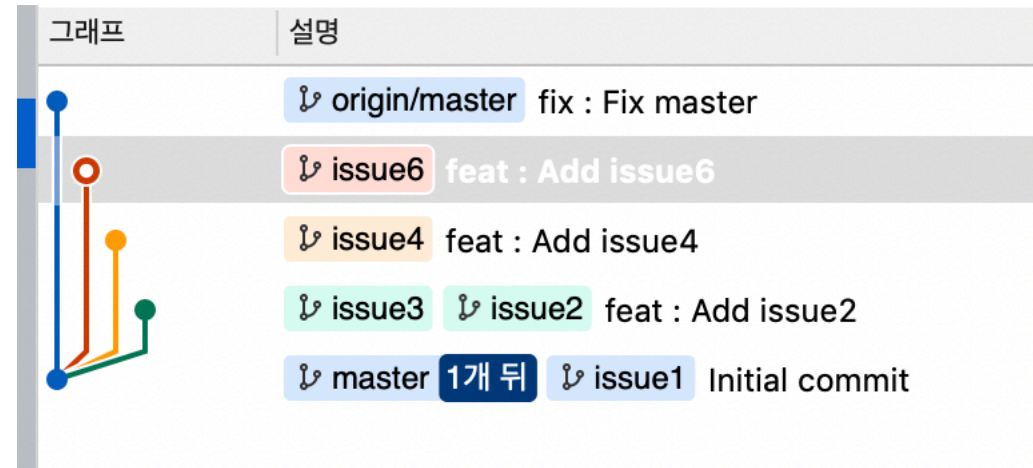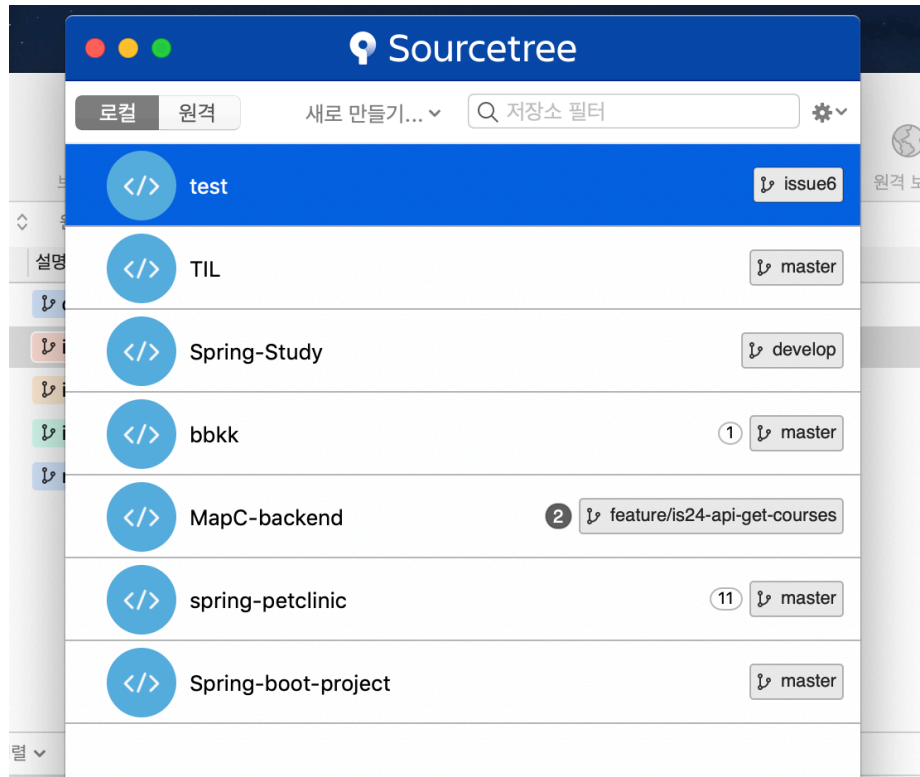
03

실습

- Hook & PR
- Rebase

1.짝궁과 같이 Mash-UP-BACKEND-6th에 Repository를 만든다.
  (아무렇게나 만드세요)

2.GitHub - Slack Hook 연결을 해본다(채널명:)

3.Branch를 만들어서 read.me파일에 앞으로 자신의 각오를 적고 PR을 해본다.
  (짝궁을 리뷰어로 해주세요)
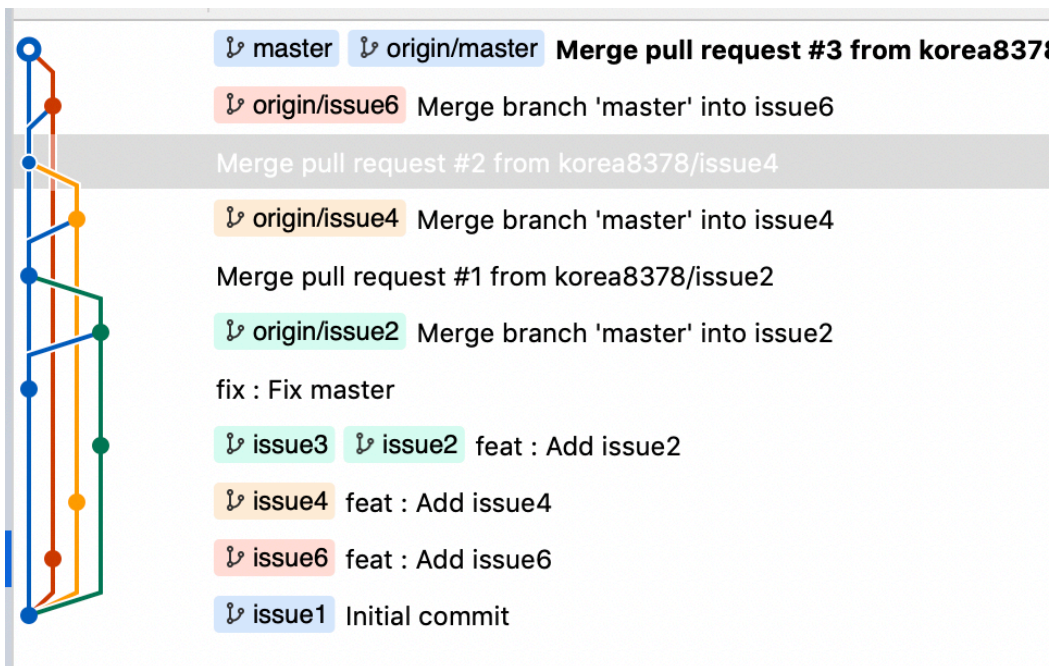
4.Slack에 hook이 오는지 확인 해보세요

Git -flow

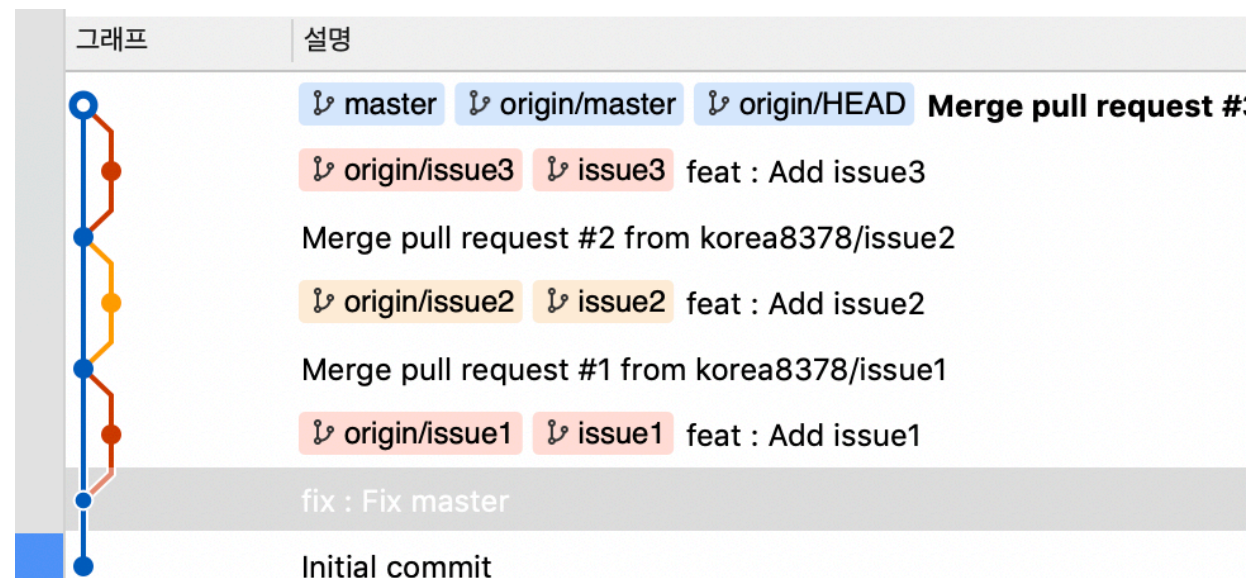http://woowabros.github.io/experience/2017/10/30/baemin-mobile-git-branch-strategy.html

Rebase 후 Merge

GUI 툴

그냥 merge

Rebase 후 merge

https://backlog.com/git-tutorial/kr/stepup/stepup2_8.html

http://theeye.pe.kr/archives/1980

http://woowabros.github.io/experience/2017/10/30/baemin-mobile-git-branch-strategy.html

Slack 활성화를 시키고 싶습니다.

여러분의 생각을 말해주세요~~~

THANKS FOR WATCHING

감사합니다

2018.10.20

백엔드팀 이동준