

Server Development Workflow For PicCollage

Software We Need

- Ruby
- PostgreSQL
- Redis
- Memcache
- Git
- Terminal (iTerm 2)
- Text Editor (Sublime Text 2)

Service We need

- Github
- Heroku
- NewRelic
- Mailgun

Setup Working Copy

```
git clone git@github.com:collage.git
```

Setup Database

```
cd pic-collage/  
git checkout dev  
rake db:create  
rake db:schema:load  
rake test
```

Work on Feature Branch

```
git checkout -b feature-branch
vim ...
vim ...
rake test
vim ...
rake test
git add -p
git commit
git push github feature-branch
```

Send Pull Request

go to Github and send a pull request

wait for review and review others

after everything is settle...

Merge and Push

```
git checkout feature-branch
git merge dev
vim ...      # fix conflict if any
git add .
git commit # resolve conflict
rake test  # make sure again
git push github feature-branch
git checkout dev
git merge feature-branch # fast-forward
git push github dev
```


Deployment

```
git checkout dev
```

```
git pull
```

```
git checkout master
```

```
git pull
```

```
git merge dev
```

```
rake test
```

```
git push github master
```

```
git push heroku master
```

Utilities

`./bin/heroku-log`

`./bin/push-staging`

`./bin/migrate-staging`

`./bin/psql`

Q?