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## #CICD

### PRE-REQUISITE

1. Already have gitlab account
2. Your project already on Gitlab repository
3. Create account netlify, sign up with github <https://app.netlify.com/signup>
4. Install netlify-cli on your local terminal  
\$ npm install -g netlify-cli
5. Login your netlify account in terminal  
\$ netlify login

### SETUP GITLAB CI PIPELINE

1. Create file .gitlab-ci.yml on your project
2. Copy these content to .gitlab-ci.yml file
  - o <https://gist.github.com/malamsyah/3d69b36046c0d17b6ef8ea6db14fd709>
3. Push to your github repository
4. Check gitlab pipeline in CI/CD -> pipeline, it should run the job

### GET NETLIFY SITE CREDENTIAL

1. Create netlify site (on your local terminal)  
\$ netlify sites:create
2. Save your SITE ID after success create a site

```

➔ ~ netlify sites:create
? Team: Rizki Maulana Akbar's team
Choose a unique site name (e.g. isnt-aideilos-awesome.netlify.app) or leave it blank for a random name. You can update the site name later.
? Site name (optional): demo
  > Warning: demo.netlify.app already exists. Please try a different slug.
Choose a unique site name (e.g. the-awesome-aideilos-site.netlify.app) or leave it blank for a random name. You can update the site name later.
? Site name (optional): demo-rizki

Site Created

Admin URL: https://app.netlify.com/sites/demo-rizki
URL:      https://demo-rizki.netlify.app
Site ID:   30afaf19-e318-4d65-9ca1-875929b04837
➔ ~

```

### 3. Get netlify access token

You can find the Netlify CLI global configuration file, config.json, under your user in these OS-specific locations:

macOS: ~/Library/Preferences/netlify/config.json

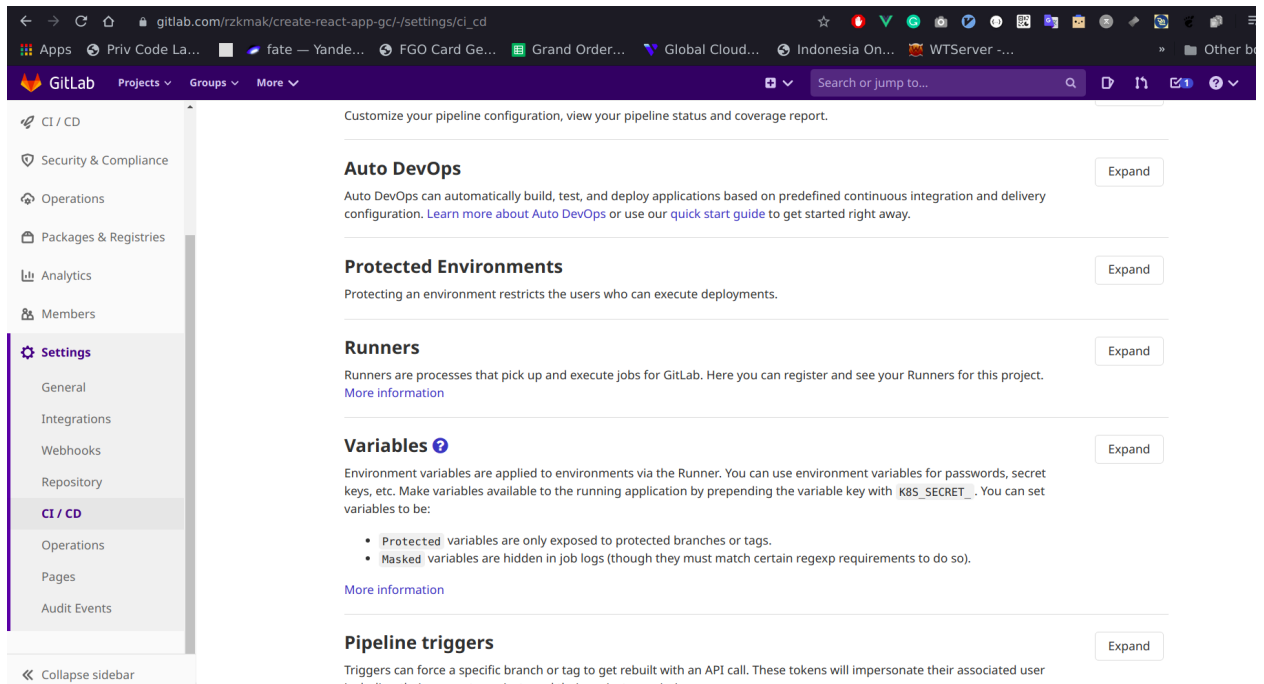
Linux: ~/.config/netlify/config.json

Windows: C:\Users\<username>\AppData\Roaming\netlify\Config\config.json

Save the auth token

## SETUP GITLAB CI/CD ENVIRONMENT VARIABLE

1. Go to your gitlab project page
2. Go to menu Settings -> CI/CD



3. Expand that variables, click add

### Variables ?

Collapse

Environment variables are applied to environments via the Runner. You can use environment variables for passwords, secret keys, etc. Make variables available to the running application by prepending the variable key with `K8S_SECRET_`. You can set variables to be:

- `Protected` variables are only exposed to protected branches or tags.
- `Masked` variables are hidden in job logs (though they must match certain regexp requirements to do so).

[More information](#)

Environment variables are configured by your administrator to be **protected** by default

Type	↑ Key	Value	Protected	Masked	Environments
There are no variables yet.					

Add Variable

4. Add variable `NETLIFY_SITE_ID` with your SITE ID

**Add variable** ×

**Key**

**Value**  
 1

**Type**

**Environment scope**

**Flags**  
☐ Protect variable ⓘ  
Export variable to pipelines running on protected branches and tags only.  
☐ Mask variable ⓘ  
Variable will be masked in job logs. Requires values to meet regular expression requirements. [More information](#)

5. Add variable NETLIFY\_TOKEN with your previous netlify token

**Add variable** ×

**Key**

**Value**  
 G

**Type**


**Environment scope**

**Flags**  
☐ Protect variable ⓘ  
Export variable to pipelines running on protected branches and tags only.  
☐ Mask variable ⓘ  
Variable will be masked in job logs. Requires values to meet regular expression requirements. [More information](#)

6. DONE!. Your pipeline already setup. Check at gitlab project page -> CI/CD -> Pipeline and try to push new commit to github

**C** **create-react-app-gc**

 Project overview

 Repository

 Requirements

 **CI / CD**

**Pipelines**

Jobs

Schedules