新手 operator 寫 CDK 之旅

Rookie operator's CDK journey

Taiwan CDK Meetup

Who am I

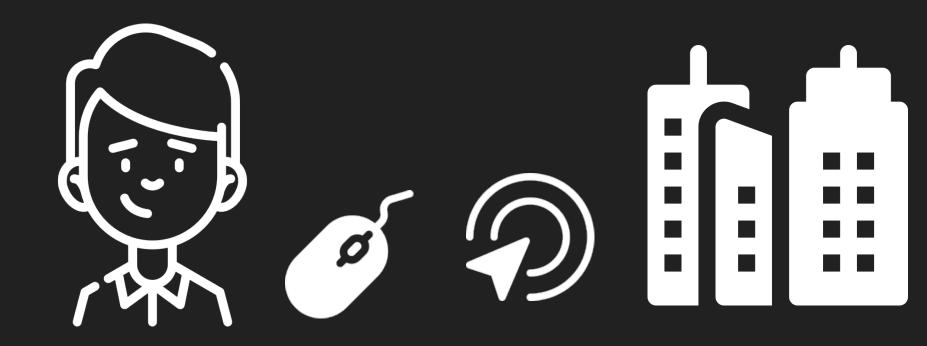
- I work for <u>Bincentive</u>
- Volunteer with <u>DevOps Taiwan</u>
- Frozen lover



Outline

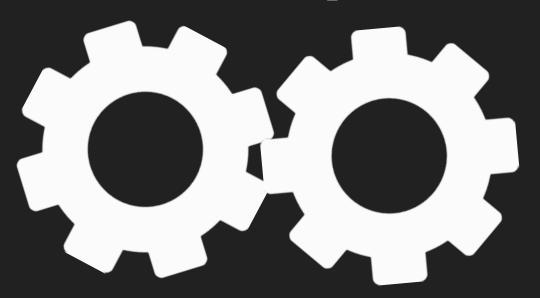
- Why use CDK
- My journey
 - Workshop
 - Example
 - Document
 - **o** Community
 - Source code
 - Support
 - Conference & Meetup
- Conclusion
- Q&A

Why use CDK



DevOps





CDK advantage

- Use familiar programming languages, better way to write logic
- Error handling and rollback by Cloudformation
- You can write even less code



My journey

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Workshop

- cdk workshop
- aws-samples-workshop
- kubernetes-jenkins-workshop

Example

- aws-cdk-examples
- awesome-cdk
- aws-blog
 - cdk-roadmap-blog cdk-roadmap-github

Document

- aws-cdk-development-guide
- aws-cdk-construct-library

Community - Website

- DEV Community
- cdk weekly (gitlab runner)
- stackexchange
 - stackoverflow devops
- CDK Construct Catalog
 - o github twitter (gitlab runner)

Community - IM

- gitter-aws-cdk
- telegram-aws-cdk

Community - Heroes

- aws-heroes
 - Philipp Garbe blog
 - Matthew Bonig blog

Source code

- aws-cdk
 - test
 aws-cdk/packages/@aws-cdk/{some
 aws-resource}/test/test.{some resource}.ts
- aws-cdk-issue

Support

- your co-worker
- telegram-aws-cdk
- AWS Support

Talk & Meetup & Conference

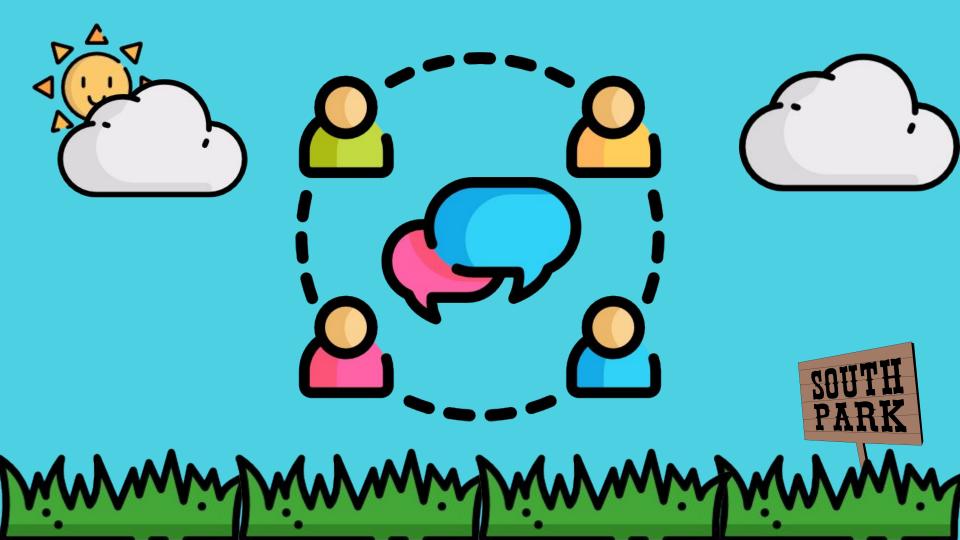
- CDK Meetup in Taiwan
- CDK Meetup in Japan
- Intro to AWS CDK in Cyprus
 - Terminology Cheat-Sheet
- Provisioning Serverless with AWS CDK in Australia Canberra

Talk & Meetup & Conference

- Cloud architecture in a minute (Pacemaker Conference)
- 架構即代碼 AWS CDK與CDK8S聯手打造下一代的K8S
 應用 (AWS Summit Online Taipei)

Presentation: AWS Cloud Development Kit (Qcon)

Conclusion





Reference

Reference

• CDK vs. CloudFormation vs. Terraform vs. Pulumi