Jasmit Kakkar

COEN 241 HW#2
Screenshot Descriptions

(1 screenshot with description per page)

Screenshot of invoking figlet function with input "TESTING FIGLET"
screenshot_1.png

figlet

Status	Replicas	Invocation count
Ready	1	4

Image		URL
ghcr.io/openfaas/figlet:latest		http://localhost:3080/function/figlet

Function process
figlet

Invoke function

INVOKE

● Text ○ JSON ○ Download

Request body
"TESTING FIGLET"

Response status	Round-trip (s)
200	0.167

Response body

```
 _     _ _____  _____ _____ _____ _  _   _____
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      | | | |___ ___) || | | | |\  | |_| |
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|  ___| _ / ___| |    | ____|_   _( | )
| |_   | | | |_| |    |  _|   | | | V V
|  _|  | | |  _| | |___| |___  | |
|_|    |_____|_____|_____| |_|
```
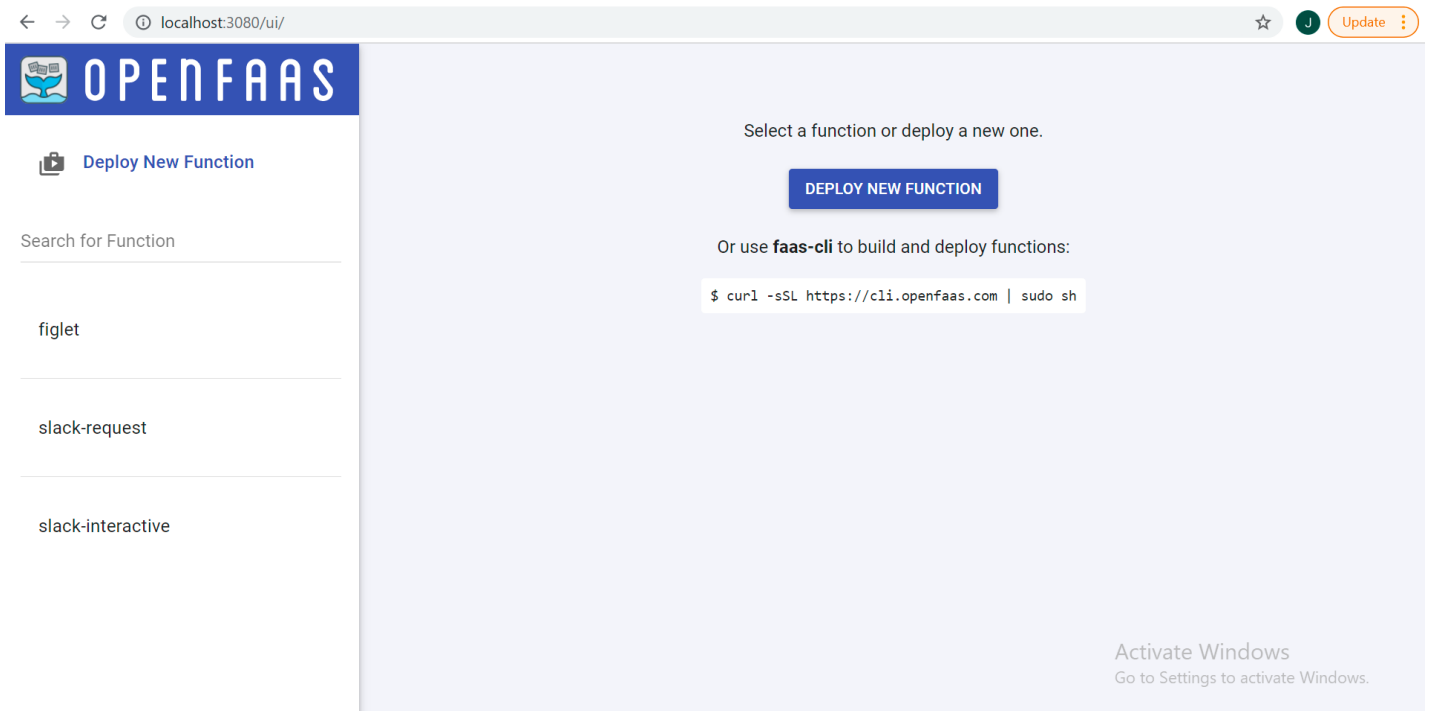
Screenshot of running the "sudo journalctl -u faasd --lines 40" command screenshot_2.png

**Screenshot of openfaas gateway after deploying all three functions
screenshot_3.png**

Screenshot of invoking Slack-request function
screenshot_4.png

slack-request

Status	Replicas	Invocation count
Ready	1	5

Image
docker.io/jasmitkakkar/slack-request:latest

Function process
python index.py

Invoke function

INVOKE

◉ Text ○ JSON ○ Download

Request body

Response status
200

Response body

```
{
  "text": "Serverless Message",
  "attachments": [
    {
      "fields": [
        {
          "short": true,
          "value": "100",
          "title": "Amazing Level"
        }
      ],
      "author_icon": "test",
      "image_url": "test",
      "author_name": "jasmit kakkar",
      "title": "The Awesome world of Cloud Computing! COEN 241"
    },
    {
      "text": "COEN 241 is the most awesome class ever!.",
      "title": "About COEN 241"
    },
    {
      "title": "Would you recommend COEN 241 to your friends?",
      "color": "#3AA3E3",
      "actions": [
        {
          "text": "Of Course!",
          "type": "button",
          "name": "recommend",
          "value": "recommend"
        },
        {
          "text": "Most Definitely!",
          "type": "button",
          "name": "definitely",
          "value": "definitely"
        }
      ],
      "callback_id": "response123",
      "fallback": "Would you recommend COEN 241 to your friends?",
      "attachment_type": "default"
    }
  ]
}
```

Screenshot of invoking Slack-interactive function with {"Hello": "COEN 241"} as input
screenshot_5.png

slack-interactive

Status | Replicas | Invocation count
Ready | 1 | 16

Image
docker.io/jasmitkakkar/slack-interactive:latest

Function process
python index.py

Invoke function

[INVOKE]

○ Text ⦿ JSON ○ Download

Request body
{"Hello": "COEN 241"}

Response status
200

Response body

```
{
  "attachments": [
    {
      "footer": "Slack Apps built on OpenFaas",
      "author_link": "https://github.com/Portabello/coen241_hw2",
      "color": "#36a64f",
      "text": "Head over to COEN 241",
      "title": "COEN 241",
      "ts": 123456789,
      "author_name": "jasmit kakkar",
      "title_link": "https://www.scu.edu/engineering/academic-programs/department-of-computer-engineering/graduate/course-descriptions/",
      "image_url": "https://www.scu.edu/media/offices/umc/scu-brand-guidelines/visual-identity-amp-photography/visual-identity-toolkit/logos-amp-seals/Mission-Dont3.png",
      "response_type": "ephemeral",
      "replace_original": true,
      "footer_icon": "https://a.slack-edge.com/45901/marketing/img/_rebrand/meta/slack_hash_256.png",
      "pretext": "Ahh yeah! Great choice, COEN 241 is absolutely amazing!",
      "fallback": "Required plain-text summary of the attachment.",
      "thumb_url": "https://www.scu.edu/engineering/academic-programs/department-of-computer-engineering/graduate/course-descriptions/",
      "author_icon": "https://avatars.githubusercontent.com/u/18435352?s=400&v=4"
    }
  ]
}
```