screenshot of invoking the figlet function

Text

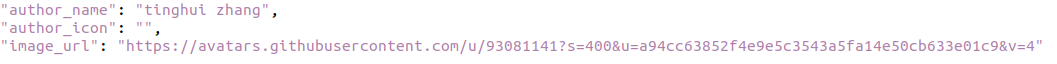
Description automatically generated

screenshot of running the   
journalctl -u faasd --lines 40

Text

Description automatically generated

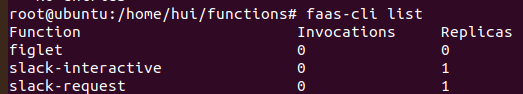
Complete slack-request/handler.py



Complete slack-interactive/handler.py



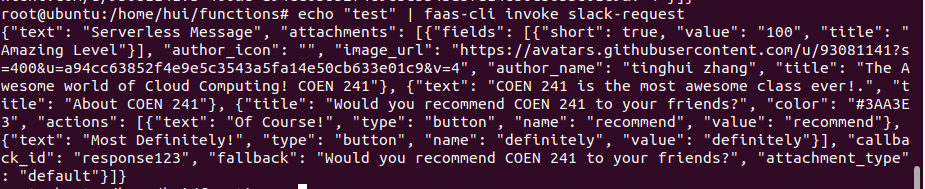
Screenshot of faas after deployment



Graphical user interface, text, application, email

Description automatically generated

a screenshot of invoking slack-request functions



a screenshot of invoking slack-interactive functions

Text

Description automatically generated

Questions:

1. What is the command to invoke the slack-request function (4 pts)?

a. Via Curl curl localhost:8080/function/slack-request -d {}

b. Via faas-cli echo “test” | faas-cli invoke slack-request

2. What is the output you see when you invoke the slack-request function? (2 pts)

{"text": "Serverless Message", "attachments": [{"fields": [{"short": true, "value": "100", "title": "Amazing Level"}], "author\_icon": "", "image\_url": "https://avatars.githubusercontent.com/u/93081141?s=400&u=a94cc63852f4e9e5c3543a5fa14e50cb633e01c9&v=4", "author\_name": "tinghui zhang", "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"}]}

3. What is the command to invoke the slack-interactive function? (4 pts)

a. Via curl curl localhost:8080/function/slack-interactive -d {}

b. Via faas-cli echo ‘{}’ | faas-cli invoke slack-interactive

4. What is the output you see when you invoke the slack-interactive function? (2 pts)

{"attachments": [{"footer": "Slack Apps built on OpenFaas", "author\_link": "https://github.com/Burgerrrr/Tinghui\_Zhang\_COEN241HW", "color": "#36a64f", "text": "Head over to COEN 241", "title": "COEN 241", "ts": 123456789, "author\_name": "tinghui zhang", "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/93081141?s=400&u=a94cc63852f4e9e5c3543a5fa14e50cb633e01c9&v=4"}]}

5. How would you pass different arguments to the functions? (4 pts)

First method: add “echo ‘arguments’ |” before “faas-cli invoke slack-request”

Second method: after calling “faas-cli invoke slack-request”, type the arguments and end typing with “control + D”

If use curl, add -d "argument" at the last.

6. How would you change the slack-interactive function to react to different inputs? (4 pts)