Screenshots with Explanation

Figlet Function

Figlet function is invoked via the faas command line interface while printing.

Figlet function is invoked via the faas user interface while printing
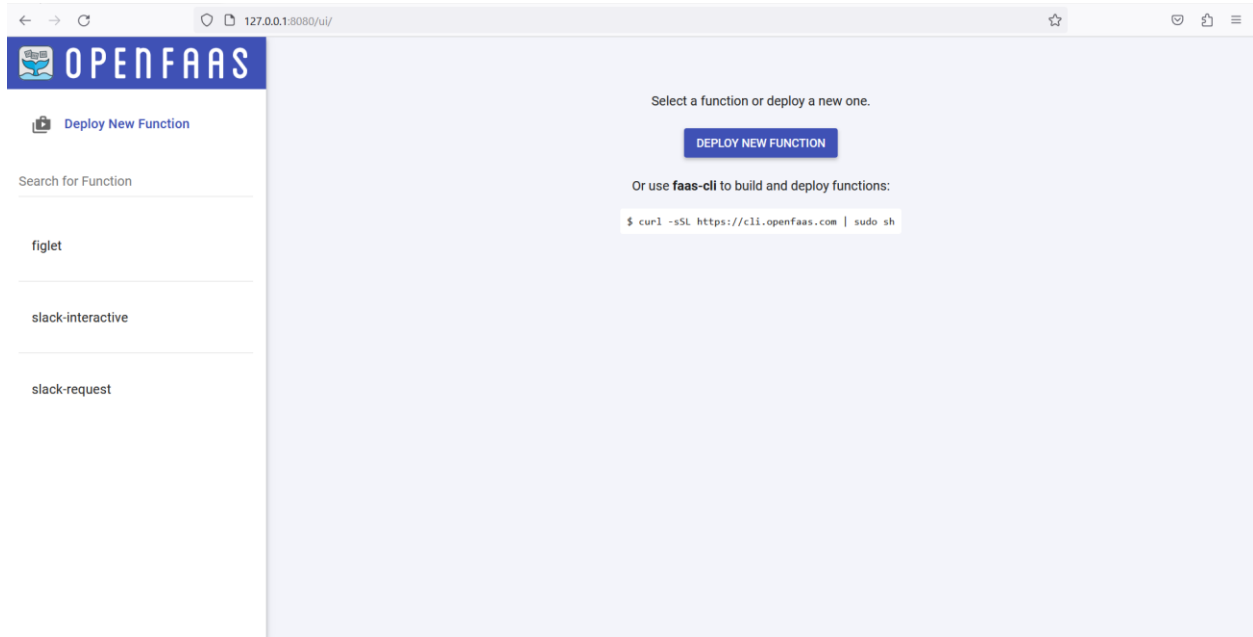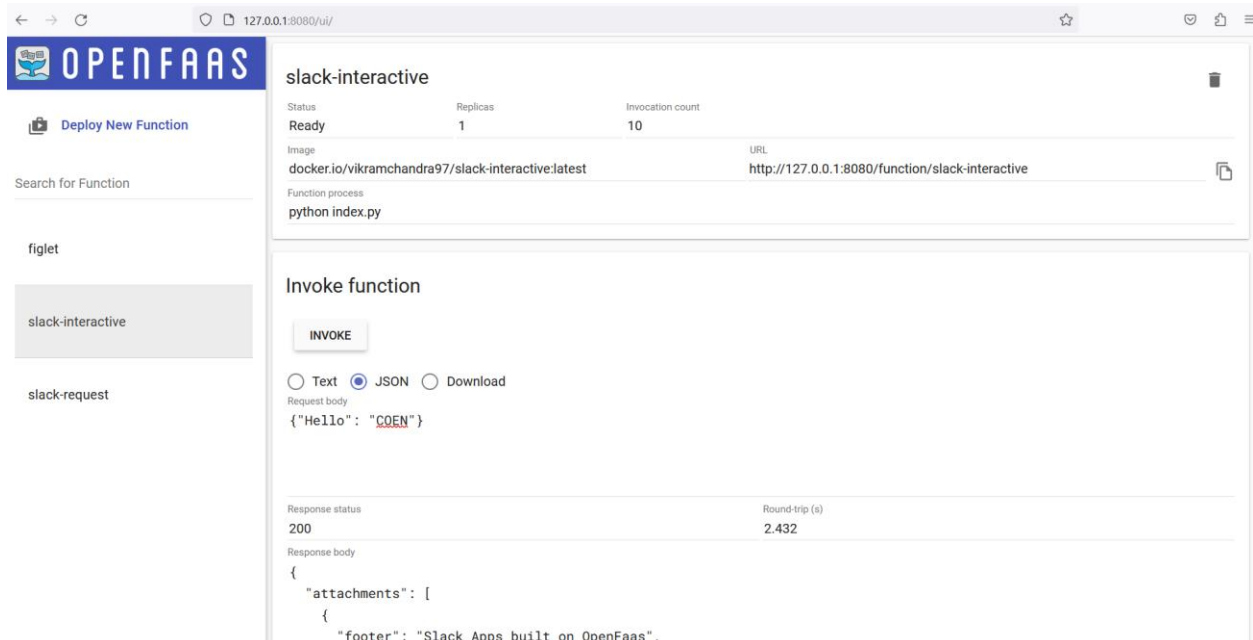
Image below gives first 40 lines of logs, which determines the status of faasd.

```
vik@vikram:~$ sudo journalctl -u faasd --lines 40
[sudo] password for vik:
-- Logs begin at Mon 2023-02-13 22:31:50 UTC, end at Wed 2023-02-15 20:55:02 UTC. --
Feb 15 20:23:10 vikram faasd[854]: 2023/02/15 20:23:10 - gateway
Feb 15 20:23:10 vikram faasd[854]: 2023/02/15 20:23:10 - queue-worker
Feb 15 20:23:10 vikram faasd[854]: Starting: basic-auth-plugin
Feb 15 20:23:14 vikram faasd[854]: 2023/02/15 20:23:14 Created container: basic-auth-plugin
Feb 15 20:23:36 vikram faasd[854]: 2023/02/15 20:23:36 basic-auth-plugin has IP: 10.62.0.2
Feb 15 20:23:36 vikram faasd[854]: 2023/02/15 20:23:36 Task: basic-auth-plugin        Container: basic-auth-plugin
Feb 15 20:23:37 vikram faasd[854]: Starting: nats
Feb 15 20:23:37 vikram faasd[854]: Creating local directory: /var/lib/faasd/nats
Feb 15 20:23:37 vikram faasd[854]: 2023/02/15 20:23:37 Running nats with user: "65534"
Feb 15 20:23:40 vikram faasd[854]: 2023/02/15 20:23:40 Created container: nats
Feb 15 20:23:47 vikram faasd[854]: 2023/02/15 20:23:47 nats has IP: 10.62.0.3
Feb 15 20:23:47 vikram faasd[854]: 2023/02/15 20:23:47 Task: nats        Container: nats
Feb 15 20:23:47 vikram faasd[854]: Starting: prometheus
Feb 15 20:23:47 vikram faasd[854]: Creating local directory: /var/lib/faasd/prometheus
Feb 15 20:23:47 vikram faasd[854]: 2023/02/15 20:23:47 Running prometheus with user: "65534"
Feb 15 20:23:49 vikram faasd[854]: 2023/02/15 20:23:49 Created container: prometheus
Feb 15 20:23:55 vikram faasd[854]: 2023/02/15 20:23:55 prometheus has IP: 10.62.0.4
Feb 15 20:23:55 vikram faasd[854]: 2023/02/15 20:23:55 Task: prometheus        Container: prometheus
Feb 15 20:23:55 vikram faasd[854]: Starting: gateway
Feb 15 20:24:00 vikram faasd[854]: 2023/02/15 20:24:00 Created container: gateway
Feb 15 20:24:07 vikram faasd[854]: 2023/02/15 20:24:07 gateway has IP: 10.62.0.5
Feb 15 20:24:07 vikram faasd[854]: 2023/02/15 20:24:07 Task: gateway        Container: gateway
Feb 15 20:24:07 vikram faasd[854]: Starting: queue-worker
Feb 15 20:24:08 vikram faasd[854]: 2023/02/15 20:24:08 Created container: queue-worker
Feb 15 20:24:13 vikram faasd[854]: 2023/02/15 20:24:13 queue-worker has IP: 10.62.0.6
Feb 15 20:24:13 vikram faasd[854]: 2023/02/15 20:24:13 Task: queue-worker        Container: queue-worker
Feb 15 20:24:13 vikram faasd[854]: 2023/02/15 20:24:13 Supervisor init done in: About a minute
Feb 15 20:24:13 vikram faasd[854]: 2023/02/15 20:24:13 Looking up IP for: "gateway"
Feb 15 20:24:13 vikram faasd[854]: 2023/02/15 20:24:13 Resolver rebuilding map
Feb 15 20:24:13 vikram faasd[854]: 2023/02/15 20:24:13 Resolver: "localhost"="127.0.0.1"
Feb 15 20:24:13 vikram faasd[854]: 2023/02/15 20:24:13 Resolver: "faasd-provider"="10.62.0.1"
Feb 15 20:24:13 vikram faasd[854]: 2023/02/15 20:24:13 Resolver: "basic-auth-plugin"="10.62.0.2"
Feb 15 20:24:13 vikram faasd[854]: 2023/02/15 20:24:13 Resolver: "nats"="10.62.0.3"
Feb 15 20:24:13 vikram faasd[854]: 2023/02/15 20:24:13 Resolver: "prometheus"="10.62.0.4"
Feb 15 20:24:13 vikram faasd[854]: 2023/02/15 20:24:13 Resolver: "gateway"="10.62.0.5"
Feb 15 20:24:13 vikram faasd[854]: 2023/02/15 20:24:13 Resolver: "queue-worker"="10.62.0.6"
Feb 15 20:24:13 vikram faasd[854]: 2023/02/15 20:24:13 Looking up IP for: "prometheus"
Feb 15 20:24:13 vikram faasd[854]: 2023/02/15 20:24:13 Proxy from: 127.0.0.1:9090, to: prometheus:9090 (10.62.0.4)
Feb 15 20:24:13 vikram faasd[854]: 2023/02/15 20:24:13 faasd: waiting for SIGTERM or SIGINT
Feb 15 20:24:13 vikram faasd[854]: 2023/02/15 20:24:13 Proxy from: 0.0.0.0:8080, to: gateway:8080 (10.62.0.5)
vik@vikram:~$
```

List of functions deployed in Faasd:

Invoking Slack-Interactive Function from the UI

```
        "footer": "Slack Apps built on OpenFaas",
        "author_link": "https://github.com/SreevikramChandrasekhar/COEN-241--Winter-2023",
        "color": "#36a64f",
        "text": "Head over to COEN 241",
        "title": "COEN 241",
        "ts": 123456789,
        "author_name": "Sreevikram Chandrasekhar",
        "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-ap-seals/Mission-Dont3.png",
        "response_type": "Testing interactive",
        "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 interactive testing - 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/SreevikramChandrasekhar"
      }
    ]
}
```

Invoking Slack-Interactive from CLI

Invoking Slack-Request from the UI

```
        "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"
      }
    ]
}
```

Invoking Slack-Request from CLI