Homework - 2
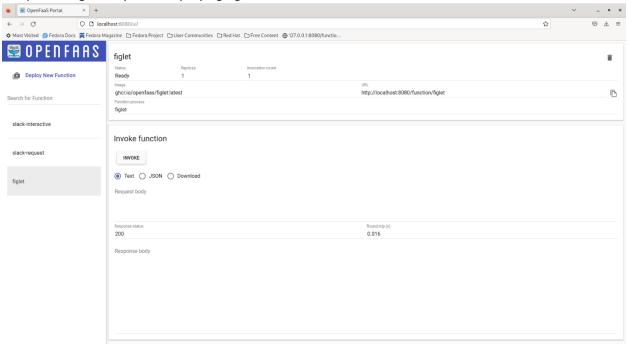
1. Invoking figlet function

```
[meghshanth@fedora faasd]$ sudo faas-cli store deploy figlet

Function figlet already exists, attempting rolling-update.

Deployed. 200 OK.
URL: http://127.0.0.1:8080/function/figlet

[meghshanth@fedora faasd]$
[meghshanth@fedora faasd]$ sudo faas-cli store inspect figlet
Info for: Figlet

Name         figlet
Description  Generate ASCII logos with the figlet CLI
Image        ghcr.io/openfaas/figlet:latest
Process      figlet
Repo URL     https://github.com/openfaas/store-functions

[meghshanth@fedora faasd]$ echo "Hello, FaaS, world" | sudo faas-cli invoke figlet
  _   _      _ _        _____        ____                       _   _
 | | | | ___| | | ___  |  ___|_ _   __ _/ ___|   _ _    _____  _ __| | __| |
 | |_| |/ _ \ | |/ _ \ | |_ / _` |/ _` \___ \   \ \ /\ / / _ \| '__| |/ _` |
 |  _  |  __/ | | (_) | |  _| (_| | (_| |___) |   \ V  V / (_) | |  | | (_| |
 |_| |_|\___|_|_|\___( )_|  \__,_|\__,_|____( )   \_/\_/ \___/|_|  |_|\__,_|
                     |/                     |/
[meghshanth@fedora faasd]$
```
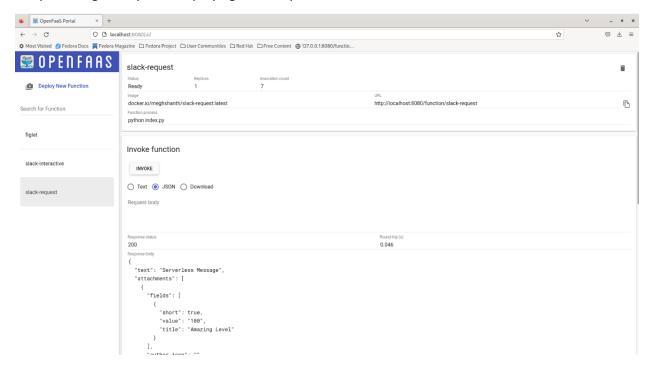
2. Command: sudo journalctl -u faasd –lines 40

```
[meghshanth@fedora faasd]$ sudo journalctl -u faasd --lines 40
Nov 07 19:14:44 fedora faasd[874]: 2022/11/07 19:14:44 - gateway
Nov 07 19:14:44 fedora faasd[874]: 2022/11/07 19:14:44 - queue-worker
Nov 07 19:14:44 fedora faasd[874]: Starting: nats
Nov 07 19:14:44 fedora faasd[874]: Creating local directory: /var/lib/faasd/nats
Nov 07 19:14:44 fedora faasd[874]: 2022/11/07 19:14:44 Running nats with user: "65534"
Nov 07 19:14:44 fedora faasd[874]: 2022/11/07 19:14:44 Created container: nats
Nov 07 19:14:45 fedora faasd[874]: 2022/11/07 19:14:45 nats has IP: 10.62.0.2
Nov 07 19:14:45 fedora faasd[874]: 2022/11/07 19:14:45 Task: nats          Container: nats
Nov 07 19:14:45 fedora faasd[874]: Starting: prometheus
Nov 07 19:14:45 fedora faasd[874]: Creating local directory: /var/lib/faasd/prometheus
Nov 07 19:14:45 fedora faasd[874]: 2022/11/07 19:14:45 Running prometheus with user: "65534"
Nov 07 19:14:45 fedora faasd[874]: 2022/11/07 19:14:45 Created container: prometheus
Nov 07 19:14:45 fedora faasd[874]: 2022/11/07 19:14:45 prometheus has IP: 10.62.0.3
Nov 07 19:14:45 fedora faasd[874]: 2022/11/07 19:14:45 Task: prometheus        Container: prometheus
Nov 07 19:14:45 fedora faasd[874]: Starting: basic-auth-plugin
Nov 07 19:14:45 fedora faasd[874]: 2022/11/07 19:14:45 Created container: basic-auth-plugin
Nov 07 19:14:45 fedora faasd[874]: 2022/11/07 19:14:45 basic-auth-plugin has IP: 10.62.0.4
Nov 07 19:14:45 fedora faasd[874]: 2022/11/07 19:14:45 Task: basic-auth-plugin        Container: basic-auth-plugin
Nov 07 19:14:45 fedora faasd[874]: Starting: gateway
Nov 07 19:14:45 fedora faasd[874]: 2022/11/07 19:14:45 Created container: gateway
Nov 07 19:14:45 fedora faasd[874]: 2022/11/07 19:14:45 gateway has IP: 10.62.0.5
Nov 07 19:14:45 fedora faasd[874]: 2022/11/07 19:14:45 Task: gateway        Container: gateway
Nov 07 19:14:45 fedora faasd[874]: Starting: queue-worker
Nov 07 19:14:45 fedora faasd[874]: 2022/11/07 19:14:45 Created container: queue-worker
Nov 07 19:14:45 fedora faasd[874]: 2022/11/07 19:14:45 queue-worker has IP: 10.62.0.6
Nov 07 19:14:45 fedora faasd[874]: 2022/11/07 19:14:45 Task: queue-worker        Container: queue-worker
Nov 07 19:14:45 fedora faasd[874]: 2022/11/07 19:14:45 Supervisor init done in: 1 second
Nov 07 19:14:45 fedora faasd[874]: 2022/11/07 19:14:45 Looking up IP for: "prometheus"
Nov 07 19:14:45 fedora faasd[874]: 2022/11/07 19:14:45 Looking up IP for: "gateway"
Nov 07 19:14:45 fedora faasd[874]: 2022/11/07 19:14:45 Resolver rebuilding map
Nov 07 19:14:45 fedora faasd[874]: 2022/11/07 19:14:45 faasd: waiting for SIGTERM or SIGINT
Nov 07 19:14:45 fedora faasd[874]: 2022/11/07 19:14:45 Resolver: "localhost"="127.0.0.1"
Nov 07 19:14:45 fedora faasd[874]: 2022/11/07 19:14:45 Resolver: "faasd-provider"="10.62.0.1"
Nov 07 19:14:45 fedora faasd[874]: 2022/11/07 19:14:45 Resolver: "nats"="10.62.0.2"
Nov 07 19:14:45 fedora faasd[874]: 2022/11/07 19:14:45 Resolver: "prometheus"="10.62.0.3"
Nov 07 19:14:45 fedora faasd[874]: 2022/11/07 19:14:45 Resolver: "basic-auth-plugin"="10.62.0.4"
Nov 07 19:14:45 fedora faasd[874]: 2022/11/07 19:14:45 Resolver: "gateway"="10.62.0.5"
Nov 07 19:14:45 fedora faasd[874]: 2022/11/07 19:14:45 Resolver: "queue-worker"="10.62.0.6"
Nov 07 19:14:46 fedora faasd[874]: 2022/11/07 19:14:46 Proxy from: 0.0.0.0:8080, to: gateway:8080 (10.62.0.5)
Nov 07 19:14:46 fedora faasd[874]: 2022/11/07 19:14:46 Proxy from: 127.0.0.1:9090, to: prometheus:9090 (10.62.0.3)
[meghshanth@fedora faasd]$
```
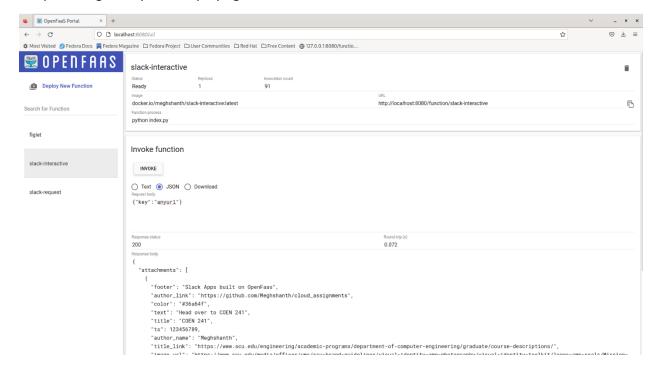
3. OpenFaas gateway after deploying figlet function

4. OpenFaas gateway after deploying slack-request function

5. OpenFaas gateway after deploying slack-interactive function

6. Invoking slack-interactive via curl and via faas-cli

7. Invoking slack-request via curl and via faas-cli