

## Kubeless Faas

- 1) `kubectl create ns kubeless`
  - 2) `kubectl create -f https://github.com/kubeless/kubeless/releases/download/v0.2.3/kubeless-v0.2.3.yaml`
  - 3) `kubectl get pods -n kubeless`
  - 4) `kubectl get deployment -n kubeless`
  - 5) `kubectl get statefulset -n kubeless`
  - 6) minikube dashboard
  - 7) `kubeless version`
  - 8) `curl -Lo /tmp/kubeless.zip https://github.com/kubeless/kubeless/releases/download/v0.2.3/kubeless_linux-amd64.zip`
  - 9) `unzip /tmp/kubeless.zip -d /tmp`
  - 10) `chmod +x /tmp/bundles/kubeless_linux-amd64/kubeless`
  - 11) `sudo mv /tmp/bundles/kubeless_linux-amd64/kubeless /usr/local/bin/`
  - 12) `kubeless version`
  - 13) Kubeless Web Interface
- `kubectl create -f`  
<https://raw.githubusercontent.com/kubeless/kubeless-ui/master/k8s.yaml>

14) `minikube service ui --namespace kubeless`

15)

`nano hello.py`

```
import json
def handler():
    return "Hello World!"
```

16)

```
kubeless function deploy hello \
--from-file hello.py
--handler hello.handler \
--runtime python2.7 \
--trigger-http
```

17)

`kubeless function ls`

18)

`kubectrl get functions`

19)

`kubeless function call hello`

20)

```
minikube service ui --namespace kubeless
```

21)

```
minikube addons enable ingress
```

22)

```
kubeless ingress create --function hello hello-ingress
```

23)

```
kubeless ingress ls
```

24)

```
nano hello-name.py
```

```
import json
def handler(context):
    print context.json
    return context.json
```

25)

```
kubeless function deploy hello-name \
--from-file hello-name.py \
--handler hello-name.handler \
--runtime python2.7 \
--trigger-http
```

26)

kubeless function ls

27)

kubeless function call hello-name --data '{ "name": "Arun" }'

28)

minikube service ui --namespace kubeless

29)

kubeless ingress create --function hello-name hello-name-ingress

30)

kubeless ingress list