Monitor Go with Prometheus + Grafana

Application Monitoring







Create File Main.go

To start, create a Golang application using the Gin framework with a file named `main.go`.



```
package mail-
free mideft f.
 mutilinateguitestrica()
     Code: http://tatuede. Message: "Resource read successfully".
     Coder http:Statusion, Message: "Resource namated outcomfully".
   c. 75000 bitto, Statuscoll, Janifferential
     Coder Brig. Liverage, Messager "Resource selected universitally",
 maked*1889*1
 Minnage String "interheesings"
```



Create File metric.go

Next, create a folder named `metrics`, where inside that folder there is a file named `metrics.go`.



```
package metrics
import (
  "github.com/prometheus/client_golang/prometheus"
var (
  CreateCounter - prometheus.NewCounter(prometheus.CounterOpts{
   Name: "gin_create_req_total",
   Help: "Total user hit of create requests",
  ReadCounter = prometheus.NewCounter(prometheus.CounterOpts(
   Name: "gin_read_req_total",
   Help: "Total user hit of read requests",
  UpdateCounter - prometheus.NewCounter(prometheus.CounterOpts{
   Name: "gin_update_req_total",
   Help: "Total user hit of update requests",
  DeleteCounter = prometheus.NewCounter(prometheus.CounterOpts[
   Name: "gin delete req total",
   Help: "Total user hit of delete requests",
func RegisterMetrics() {
 prometheus.MustRegister(CreateCounter, ReadCounter, UpdateCounter,
DeleteCounter)
```

GRAFANA MOCKUP



SEE YOU



