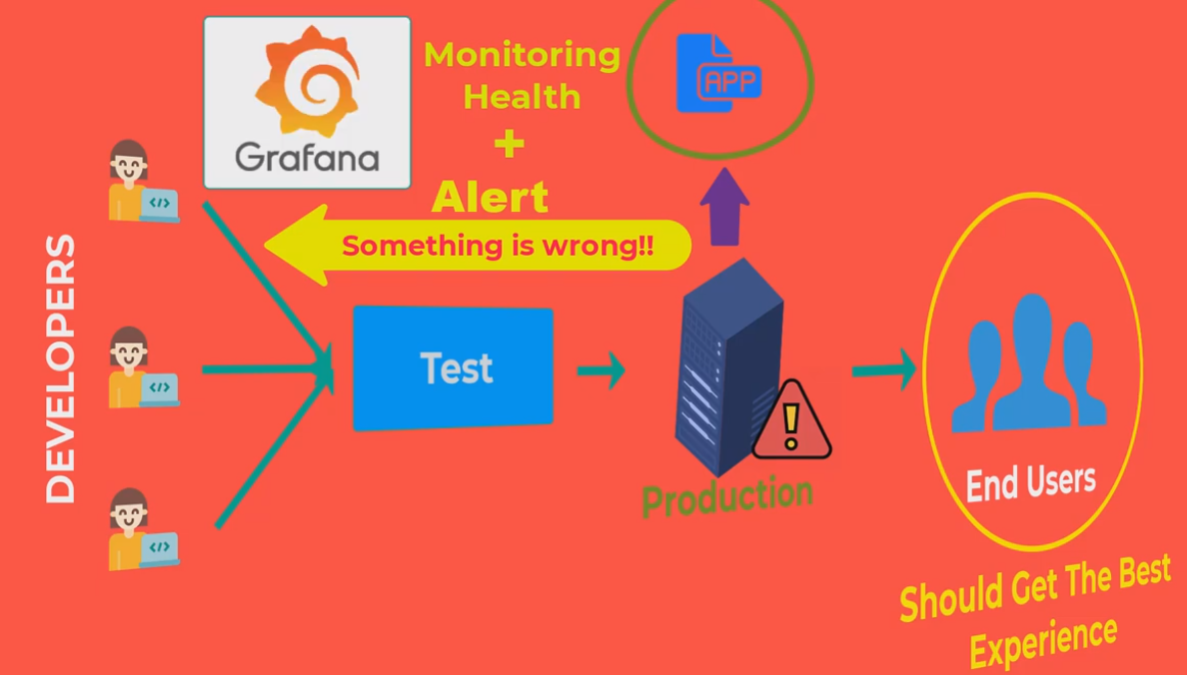
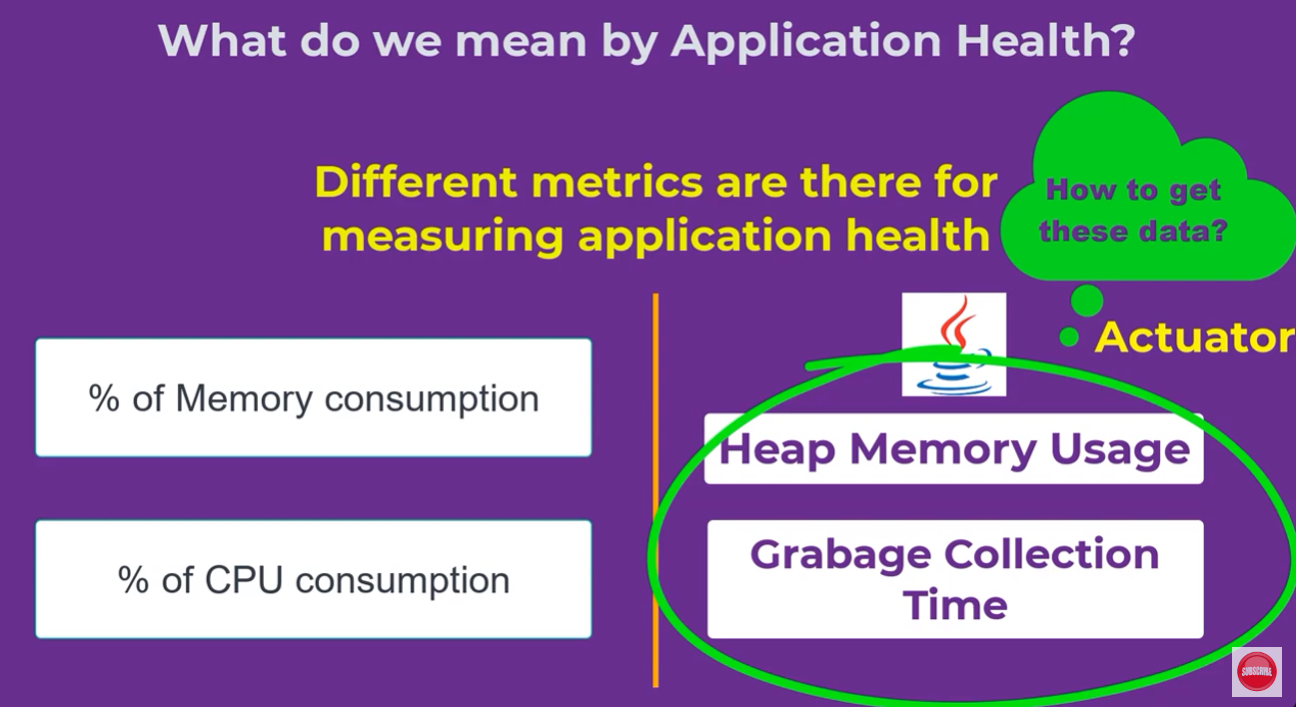
1. What is grafana?

2. What is the benefit of using grafana?

3. Setting up grafana from scratch



1. Helps us to monitor application and server health.
2. Helps us with customized alert notification



Prometheus:

Download Prometheus server

1) <https://prometheus.io/download/>

2) extract zip folder ( prometheus-xx.xx.xx.windows-amd64 )

3) open prometheus.yml in text editor make following configurations

- job\_name: 'spring-actuator'

metrics\_path: '/actuator/prometheus'

scrape\_interval: 5s

static\_configs :

- targets : ['localhost:8888']

4) Start Promethous server , by opening promtool.exe file.

5) <http://localhost:9090> for Prometheous different metrics

Grafana:

1 ) Download Grafana & Extract

<https://grafana.com/grafana/download?platform=windows>

2) go to bin and run grfana-server.exe

3 ) <Http://localhost:3000/>

Username : admin

Password: admin

4) setup Grafana datasource

5) download predefined dashboard template json

<https://grafana.com/grafana/dashboards/12900-springboot-apm-dashboard/>

import above json & select prometheous as datasource

6) Configure Alerts:

Open Grafana/conf/defaults.ini

Configure following properties

enabled = true

host = smtp.gmail.com:465

user =

password =

* restart the grafana server
* In Grafana dashboard go to alerting tab

