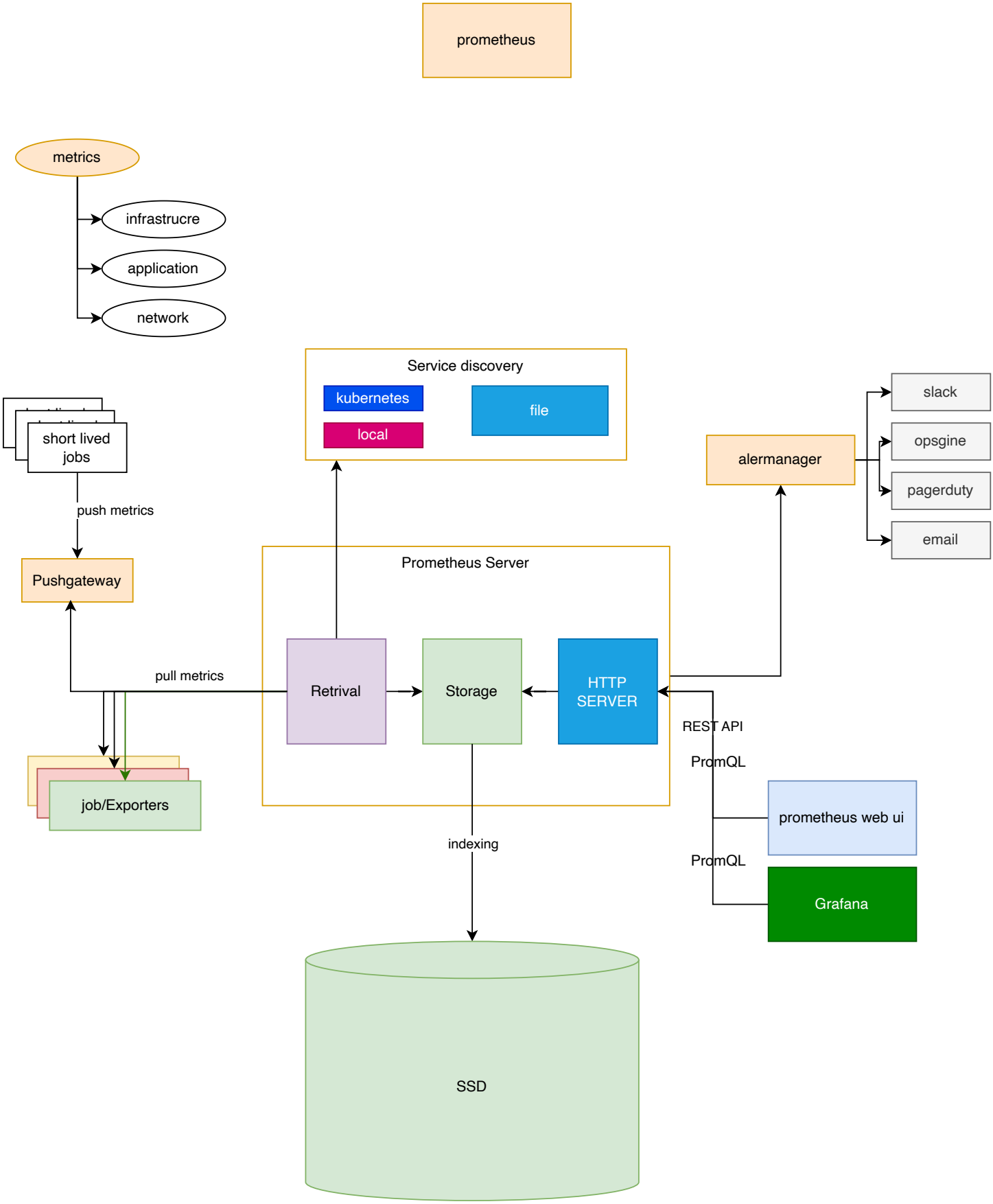
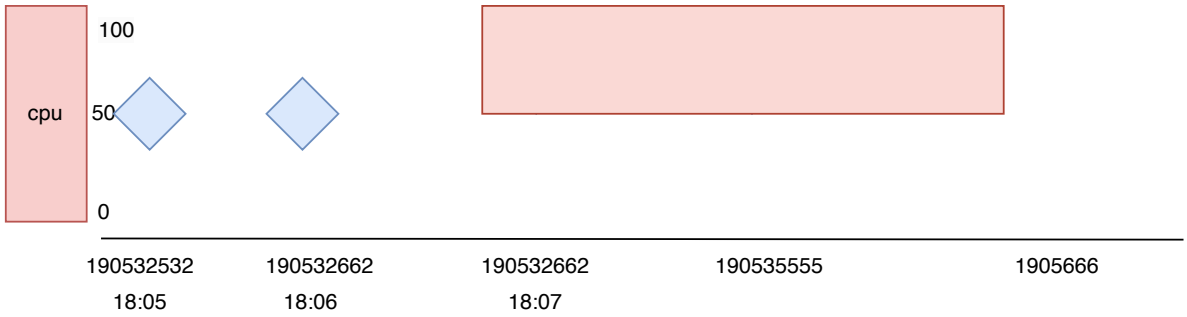
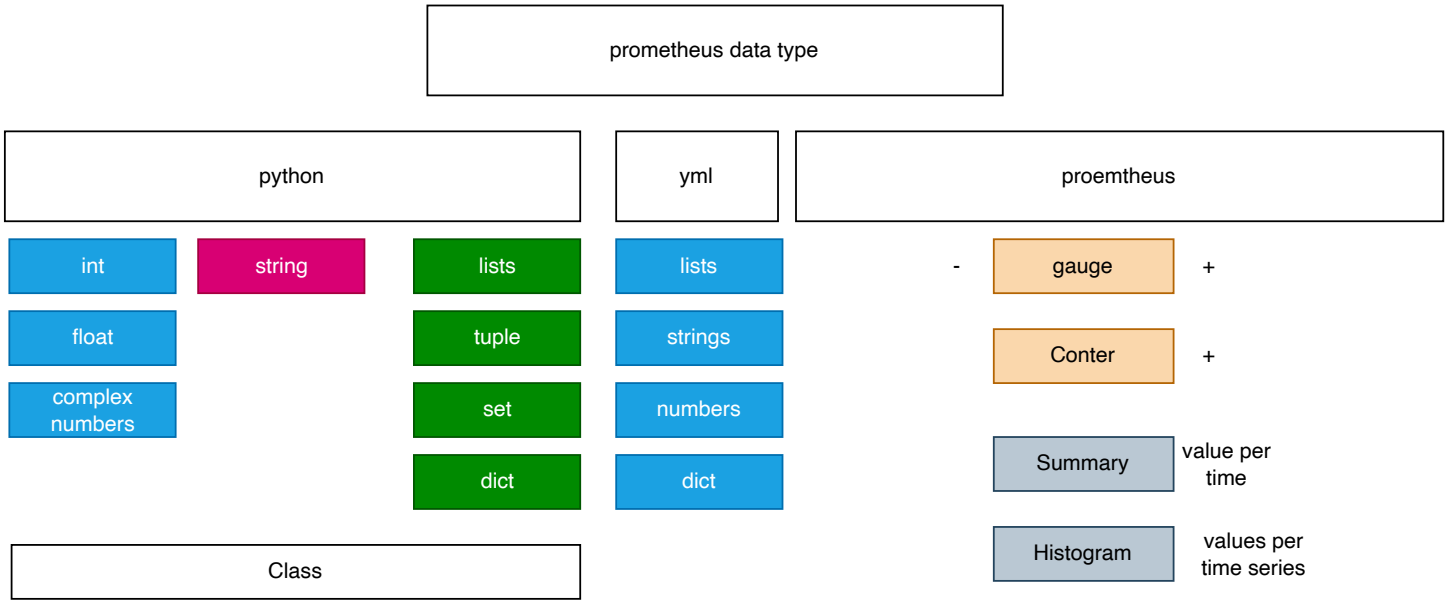
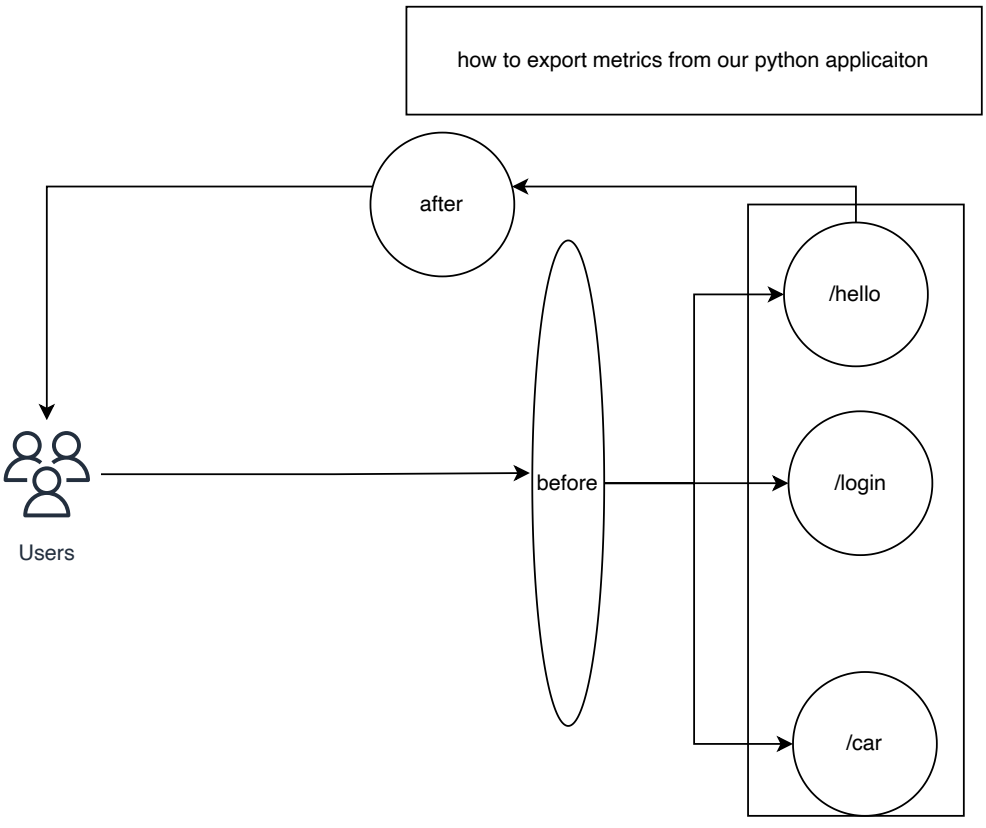
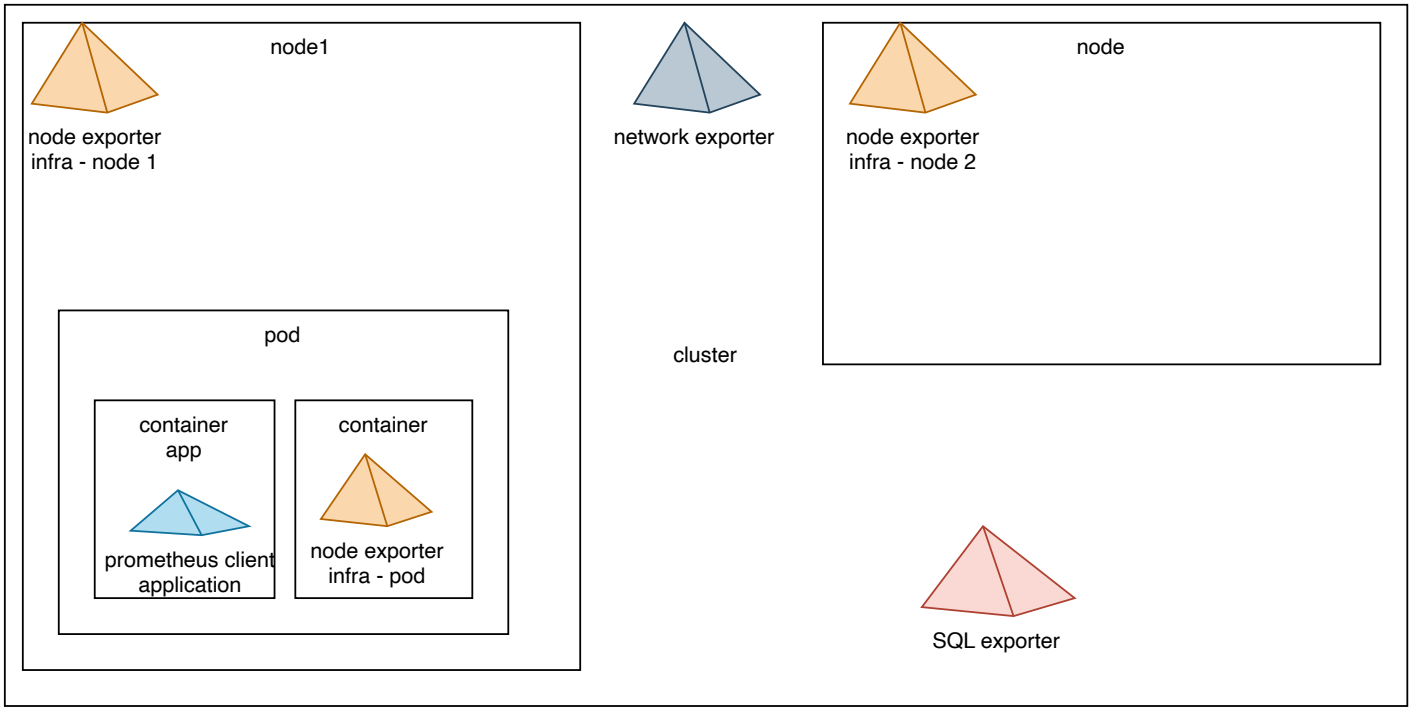
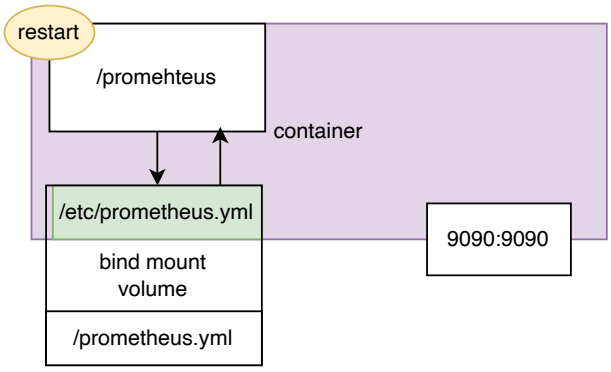

prometheus
metrics
infrastrucre
application
network
Service discovery
kubernetes
file
local
short lived jobs
push metrics
Pushgateway
Prometheus Server
Retrival
Storage
HTTP SERVER
pull metrics
job/Exporters
alermanager
slack
opsgine
pagerduty
email
REST API
PromQL
prometheus web ui
PromQL
Grafana
indexing
SSD

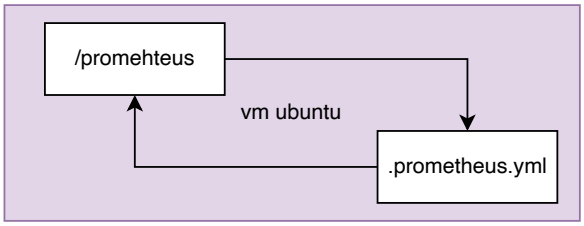

cpu
100
50
0
190532532
18:05
190532662
18:06
190532662
18:07
190535555
1905666

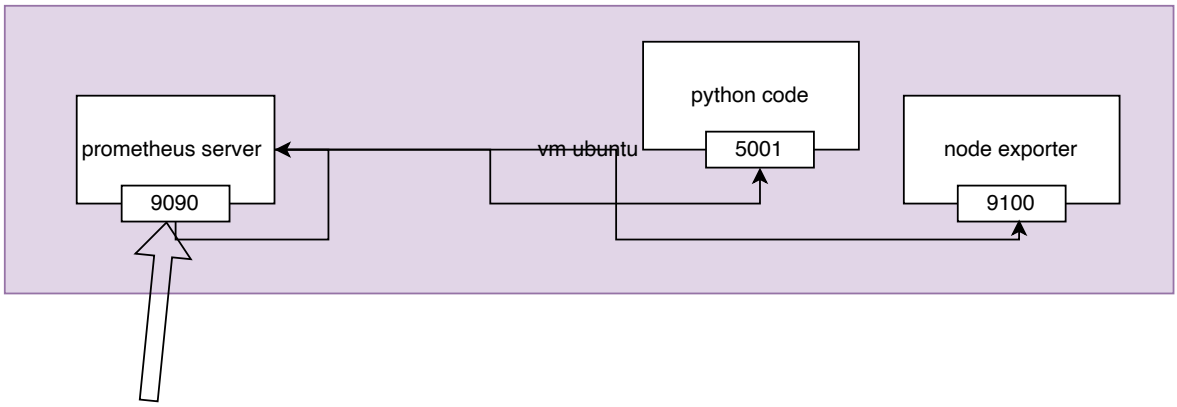

prometheus data type
python
yml
proemtheus
int
string
lists
float
tuple
complex numbers
set
dict
Class
lists
strings
numbers
dict
-
gauge
+
Conter
+
Summary
value per time
Histogram
values per time series


how to export metrics from our python applicaiton
after
/hello
/login
/car
before
Users


node1
node exporter
infra - node 1
network exporter
node
node exporter
infra - node 2
pod
container
app
prometheus client
application
container
node exporter
infra - pod
cluster
SQL exporter


restart
/promehteus
container
/etc/prometheus.yml
9090:9090
bind mount
volume
/prometheus.yml


/promehteus
vm ubuntu
.prometheus.yml


python code
prometheus server
vm ubuntu
5001
node exporter
9090
9100