

## Lies, damned lies, and request times

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Lightning talk



## Let's build a simple web service

• A foo REST service that needs to respond **under 100ms** 

```
type FooServer struct {
    responseTime prometheus.Histogram
}
```

```
Our SLO for response time
```

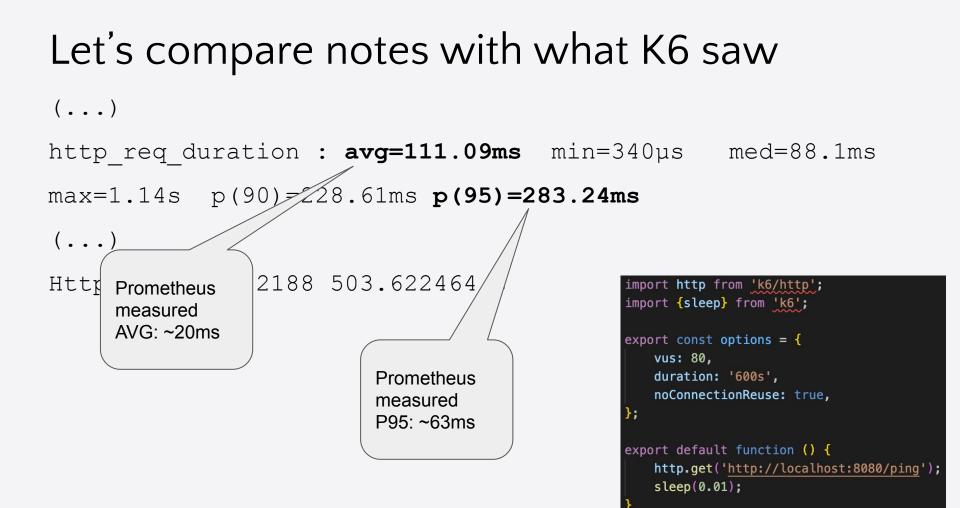
```
func (ps *FooServer) Foo(rw http.ResponseWriter, req *http.Request) {
    start := time.Now()
    fooHandler(rw, req)
    ps.responseTime.Observe(time.Now().Sub(start).Seconds() * 1000)
```

• Using Grafana's K6 to add some load and measure it

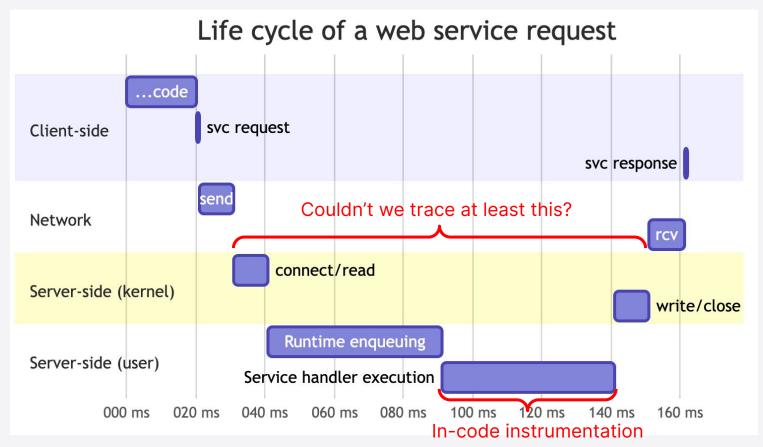
### Let's visualize some prometheus metrics



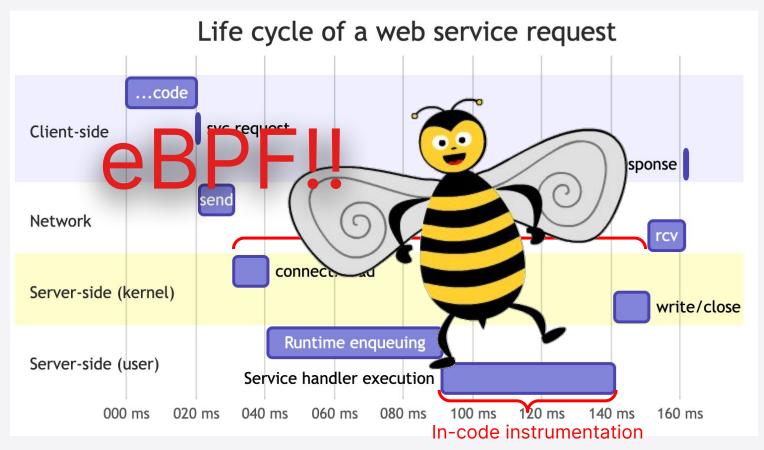
0



## Is Prometheus Go library lying?

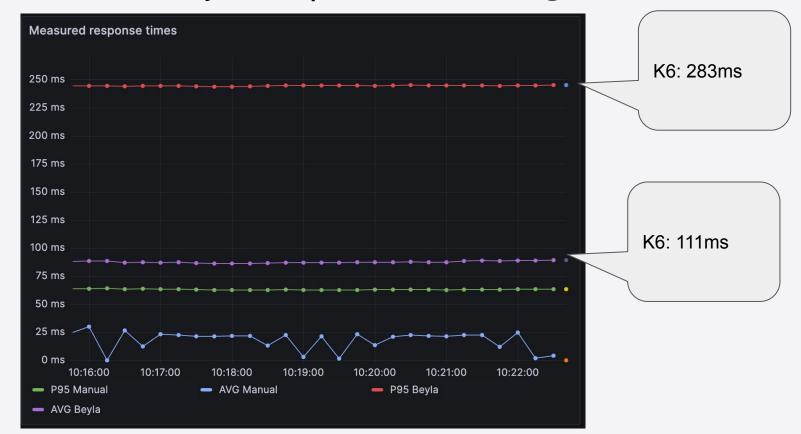


## Is Prometheus Go library lying?

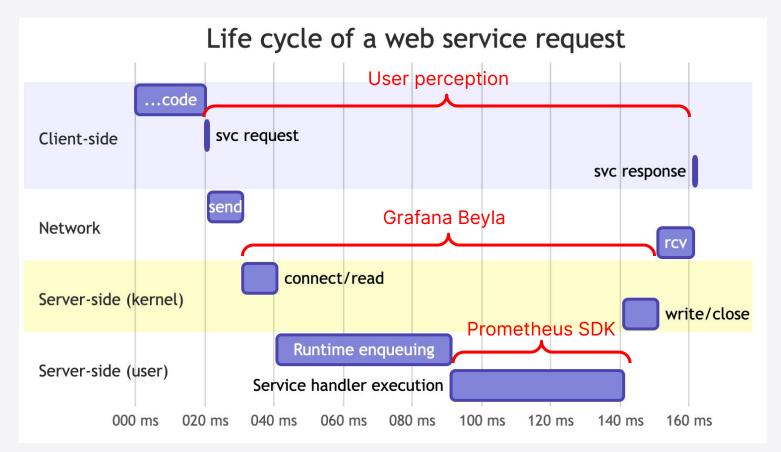


## Grafana Beyla reported timings

6



#### Not yet perfect!





# Thank you!

# github.com/grafana/beyla



