

PG2 ON AWS

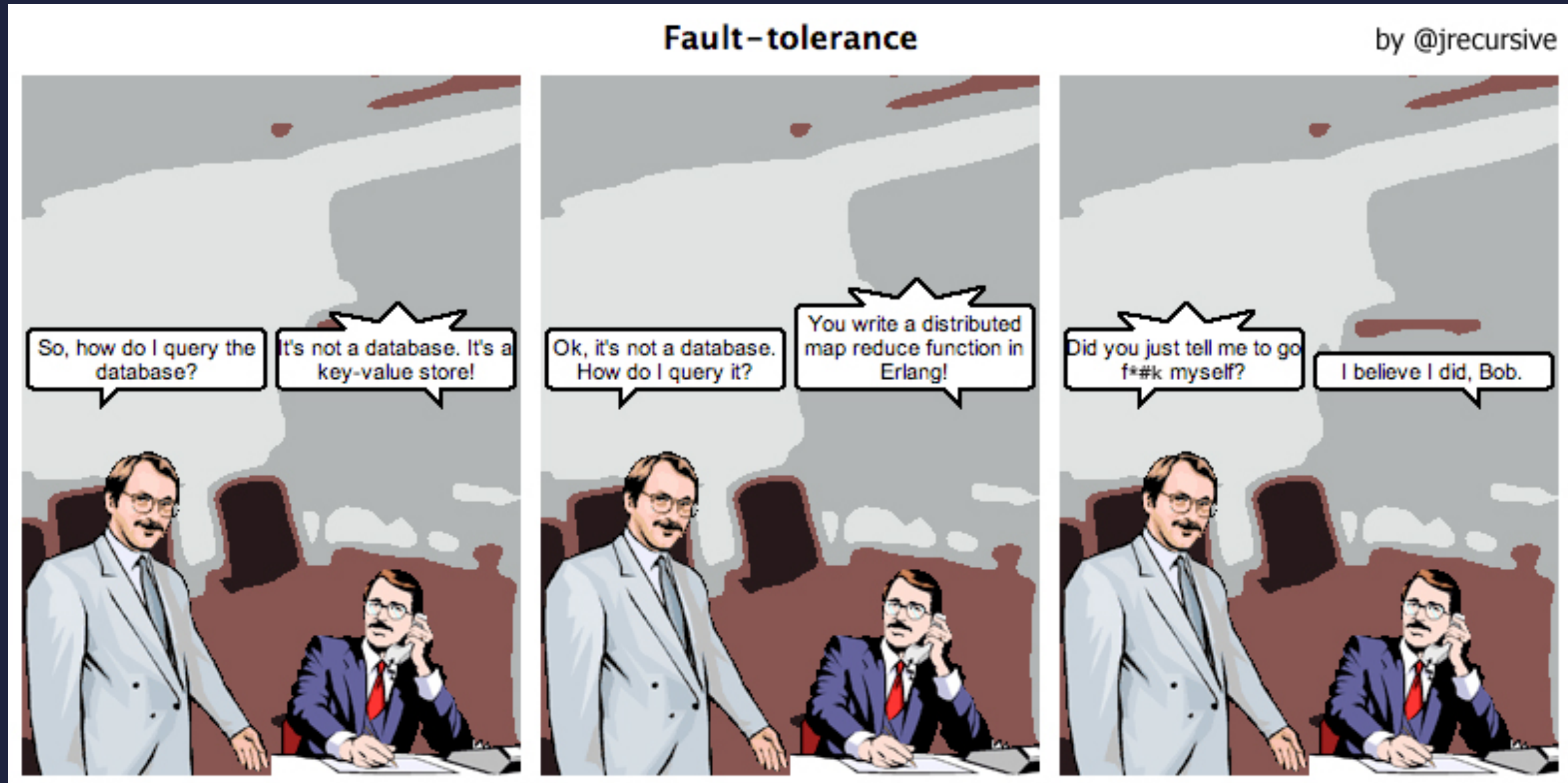
YOU MIGHT REMEMBER...

**ONCE UPON A TIME I MANAGED TO GET A
PHOENIX APP DEPLOYED ON AWS**

BUT...

**IT'S NOT MUCH USE IF THEY CAN'T TALK TO
EACH OTHER**

THE DREAM



**OR MAYBE JUST SOME NICE PHOENIX
CHANNELS**

WHAT TO DO?

- ▶ Find the other hosts on launch
- ▶ Make sure the right ports are open
- ▶ Make sure we're listening on the right ports
 - ▶ ???
 - ▶ Profit!

FIND THE OTHER HOSTS

AFTERINSTALL HOOK

```
#!/bin/sh
APP_NAME=workoutomatic
REGION=$(curl http://169.254.169.254/latest/meta-data/placement/availability-zone | head -c-1)
aws ec2 describe-instances \
  --query 'Reservations[].Instances[].NetworkInterfaces[].PrivateIpAddresses[].PrivateDnsName' \
  --output text \
  --region ${REGION} \
  --filter Name=tag:app,Values=${APP_NAME} | \
  sed '$!N;s/\t/\n/' | \
  sed -e "s/\(.*\)/'\1'./" > /var/www/workoutomatic/.hosts.erlang

sed -r -i "s/\-sname.+/\-name api\@$(hostname -f)/g" \
  /var/www/workoutomatic/running-config/vm.args
```

OPEN THE PORTS

4369, 9000-9100

MAKE SURE WE'RE LISTENING

```
"max_port": [  
  datatype: :integer,  
  doc: "inet_dist_listen_max kernel option",  
  default: 9100,  
  hidden: false,  
  to: "kernel.inet_dist_listen_max"  
],  
"min_port": [  
  datatype: :integer,  
  doc: "inet_dist_listen_min kernel option",  
  default: 9000,  
  hidden: false,  
  to: "kernel.inet_dist_listen_min"  
],
```

???

DEMO TIME!

LOLNOPE

QUESTIONS

@MOOTPOINTER