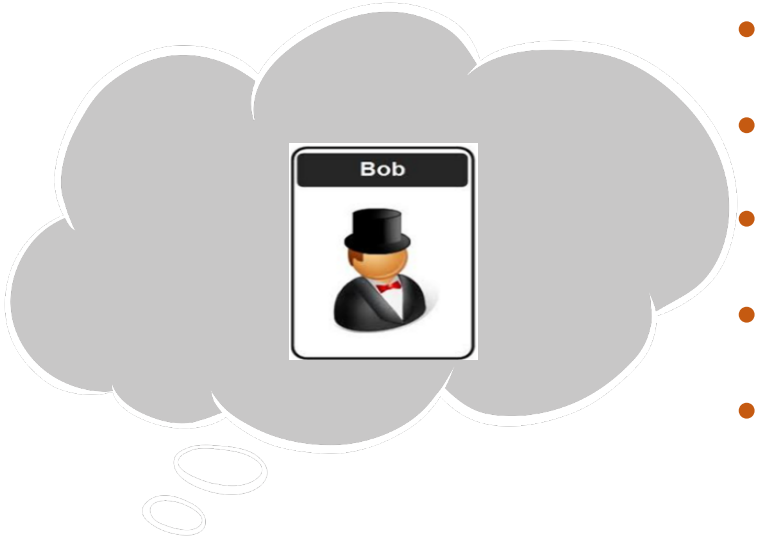
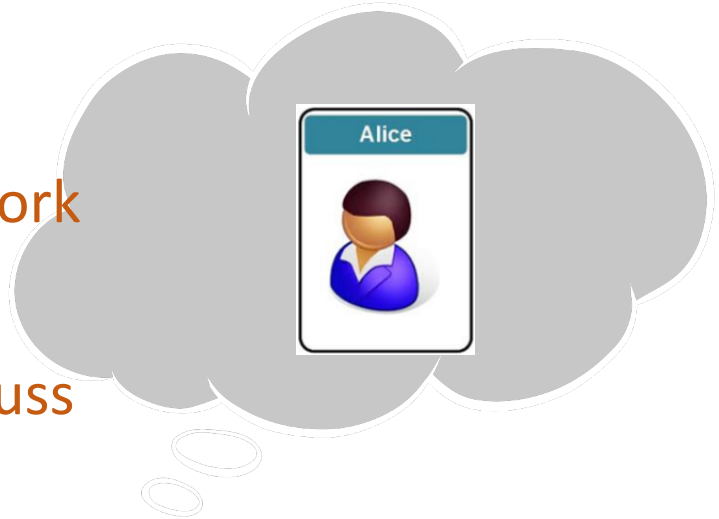
ZETTABYTES

Voting Application By Alice & Bob



- They have different skills
- Both are working remotely
- No access to common network
- Need to collaborate
- Integrate services without fuss about build process



Ballot service by Bob

- API implemented in Golang
- REST protocol

Voting GUI by Alice

- NodeJs and React Web App
- Responsive Web Design

Ready with their micro-services

Workload Analytics — ~/go/src/github.com/roost-io/roost-example-1.30/voting-web/ballot

Logs

```
2020-09-12T04:09:38.281654355Z 2020/09/12 04:09:38 result request received
2020-09-12T04:09:38.281767268Z 2020/09/12 04:09:38 result data: {Results:[]
TotalVotes:0}
2020-09-12T04:09:38.295241525Z 2020/09/12 04:09:38 vote received
2020-09-12T04:09:38.295497188Z 2020/09/12 04:09:38 Voting done by voter:
unique_id_123 to candidate: roost
2020-09-12T04:09:38.308758122Z 2020/09/12 04:09:38 result request received
2020-09-12T04:09:38.308794666Z 2020/09/12 04:09:38 result data: {Results:
[{CandidateID:roost Votes:1}] TotalVotes:1}
```

ballot.yaml

```yaml
apiVersion: v1
kind: Service
metadata:
  labels:
    apps: ballot
  name: ballot
spec:
  type: NodePort
  selector:
    app: ballot
  ports:
  - name: ballot
    port: 80
    targetPort: 80
    nodePort: 30080

---
apiVersion: apps/v1
kind: Deployment
metadata:
  name: ballot
spec:
  replicas: 1
  selector:
    matchLabels:
      app: ballot
  template:
    metadata:
      labels:
```

Since Last 15min ▲ 100%

ory Usage

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```
curl -s -d {
      "candidate_id": "roost",
      "voter_id": "unique_id_123"
} -H Content-Type: application/json roost-controlplane:30080
{
  "code": 201,
  "message": "Vote saved sucessfully"
}
+ jq
+ curl -s roost-controlplane:30080
{
  "results": [
    {
      "candidate_id": "roost",
      "vote_count": 1
```

RKT Konsole | ZKE Events | Workload Analytics

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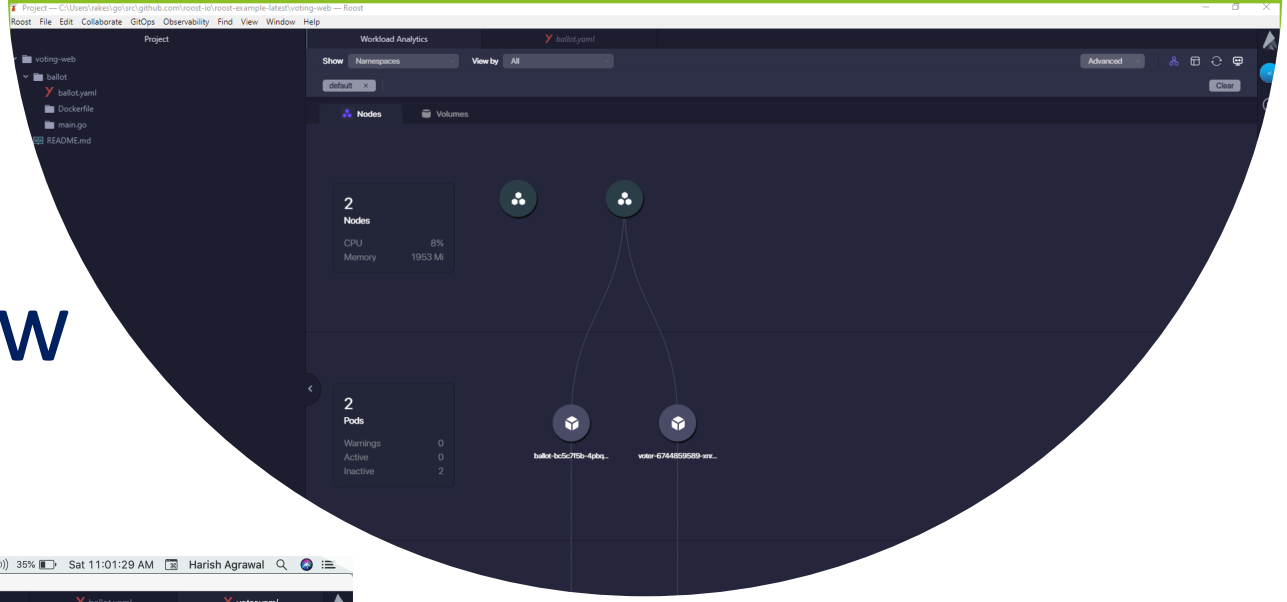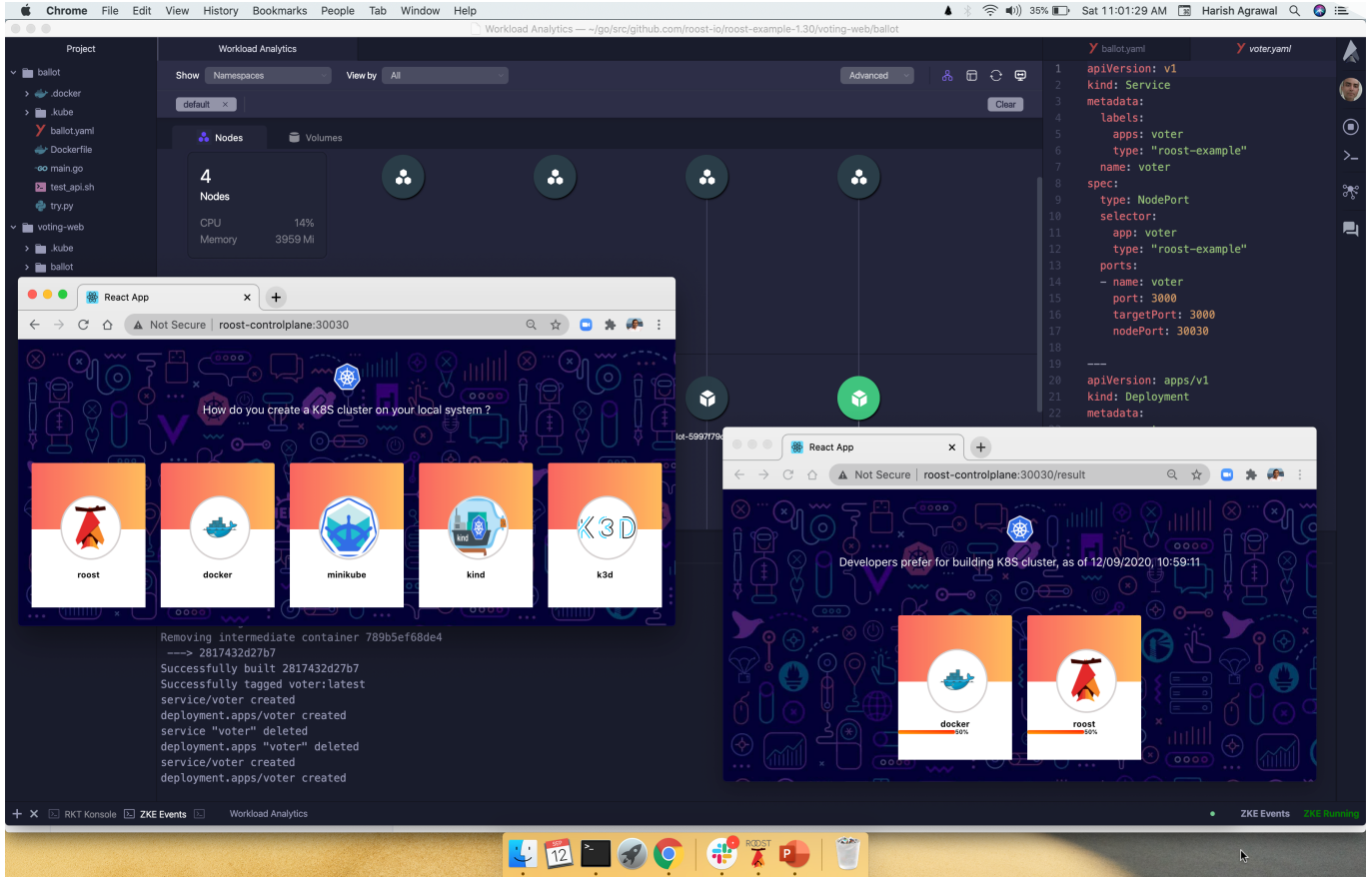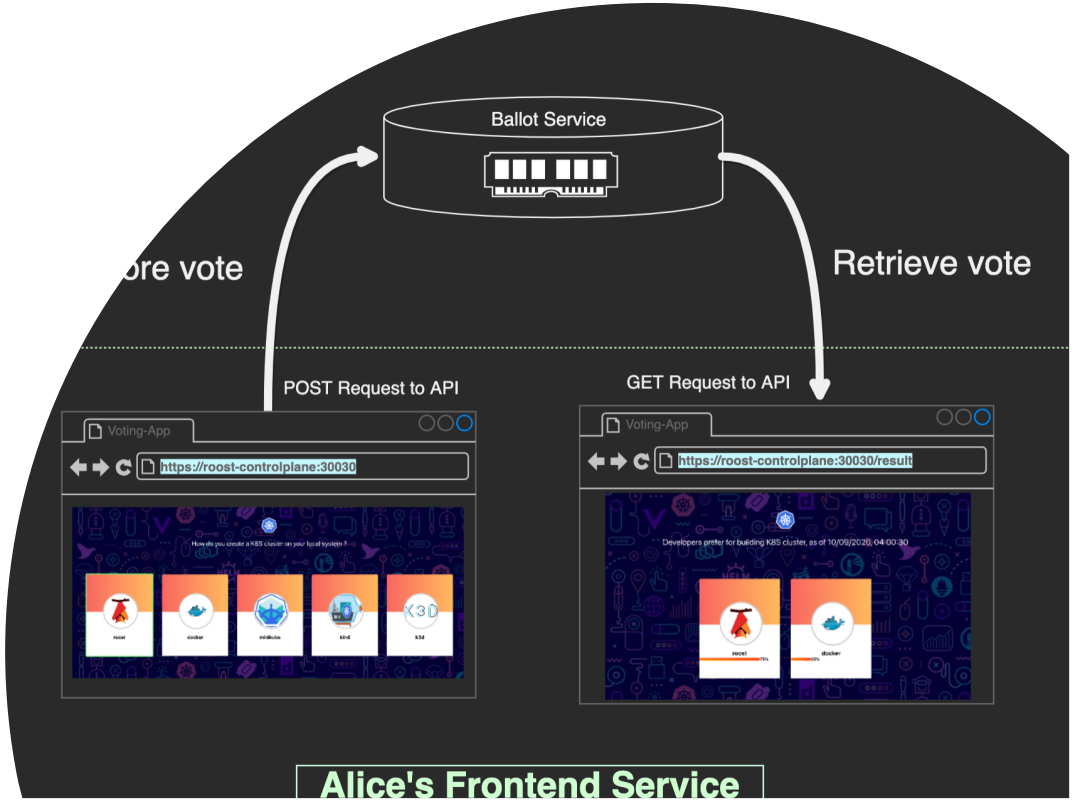
Integrated Solution View