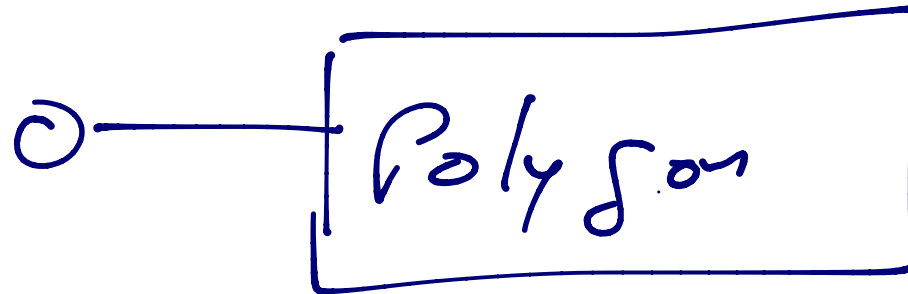
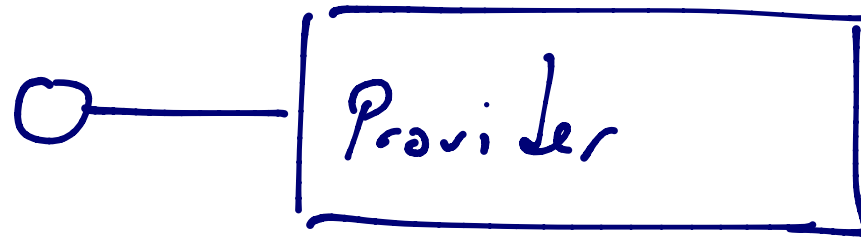


Mozio Providers
REST API.

Marcello
Chiumino Ho

Services (Components)



Polygon Service.

Base Case: Retrieve polygons.

name	geojson	price.	<u>provider name</u>
⋮	⋮	⋮	⋮

how to match providers names
with providers id's?

① When inserting a polygon retrieve name

Pro: easy

Cons: Name could be outdated.

Polygon Service (cont.)

② When retrieving polygon, match provider's name.

Pro: Self contained

Cons: slow

not scalable

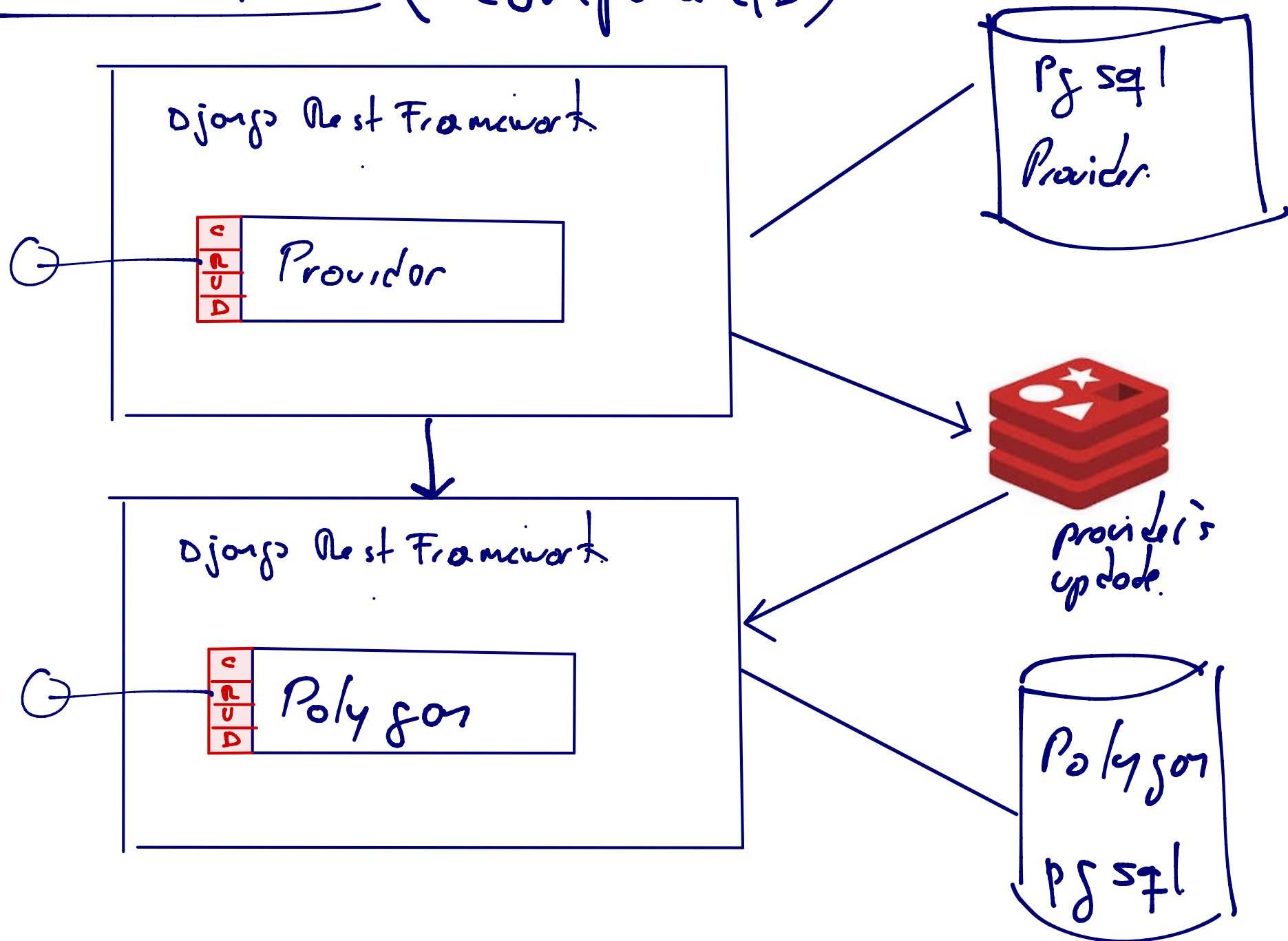
✓✓

③ redis cache. Each provider service will replicate provider name operations to redis cache. Triggering polygon lookup to update its local provider database

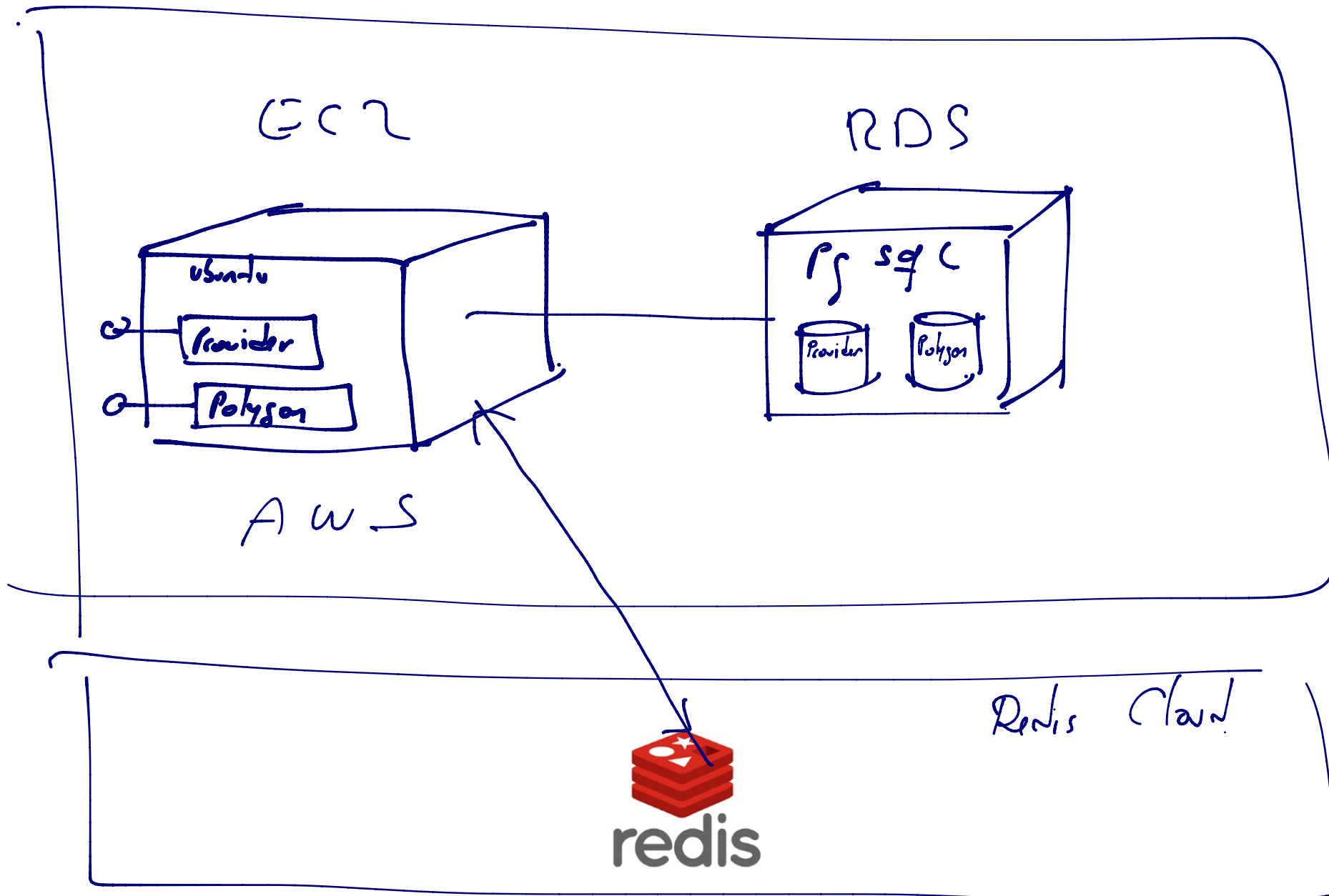
pro: Scalable, it works.

cons: complex

Architecture (Components)



Deployment



Plan

- ① Build Paid Service
- ② Build Polygo. Service