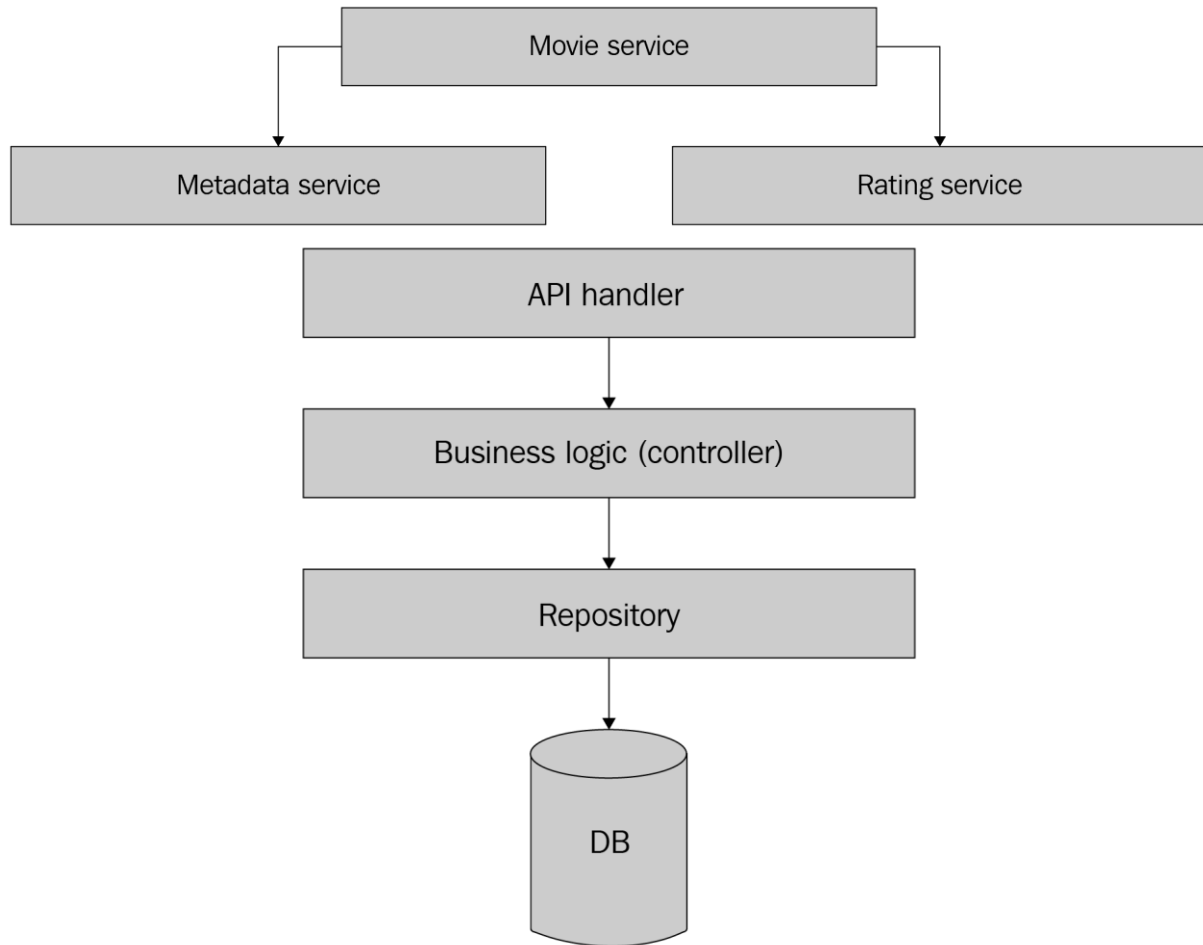


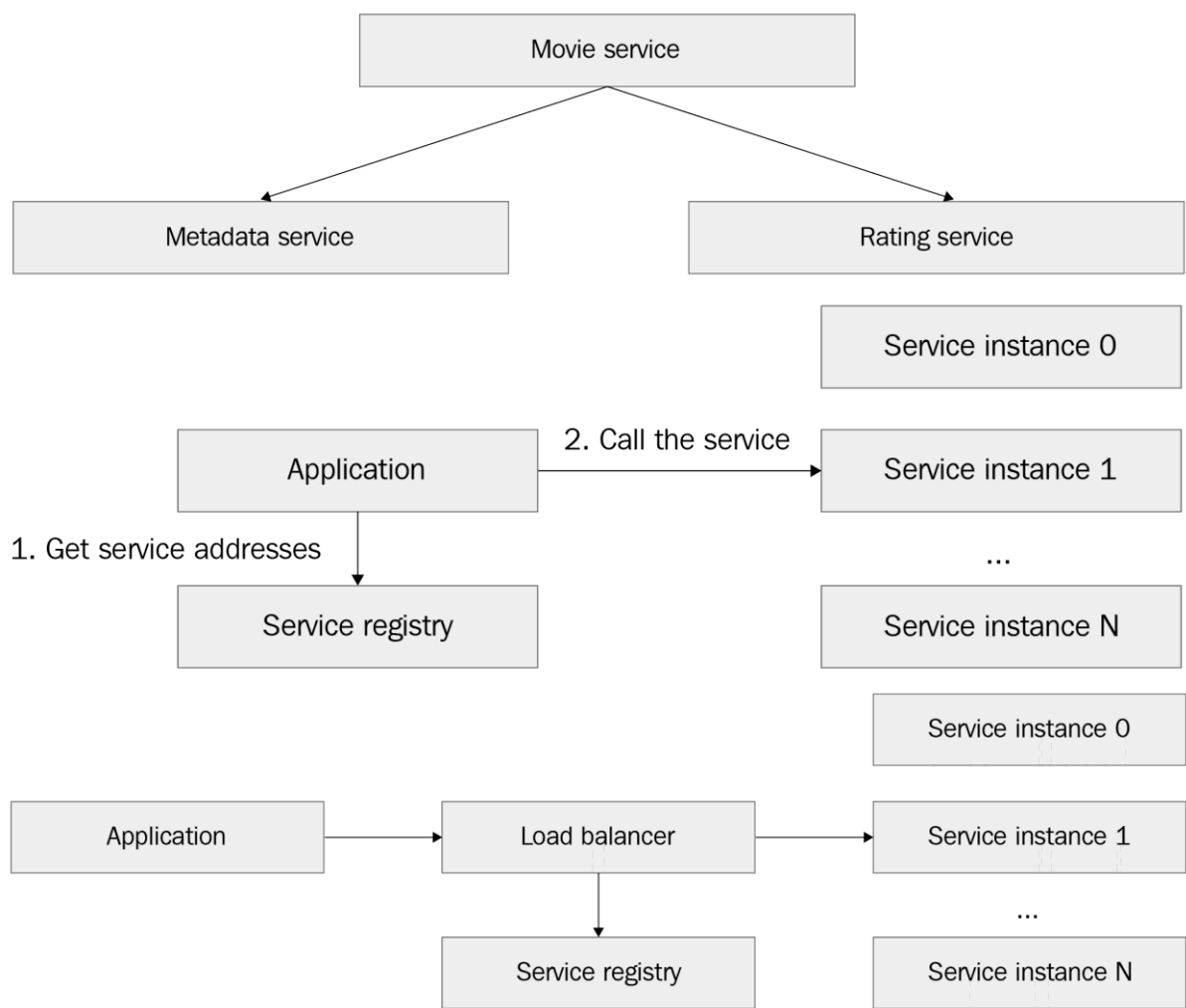
Chapter 1: Introduction to microservices

No images...

Chapter 2: Scaffolding a Go microservice

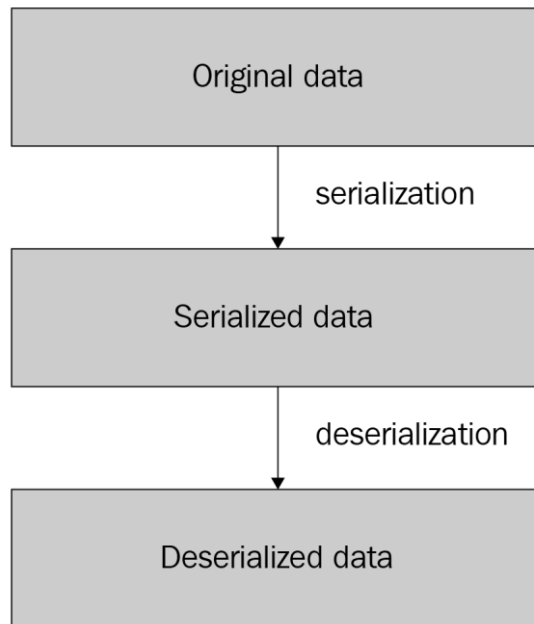


Chapter 3: Service discovery

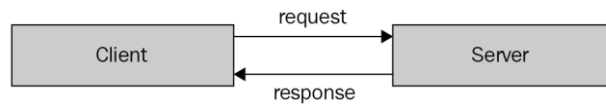


Services 4 total			
Q Search	Search Across ▾	Health Status ▾	Service Type ▾
✓ consul			
1 instance			
✓ metadata			
1 instance			
✓ movie			
1 instance			
✓ rating			
1 instance			

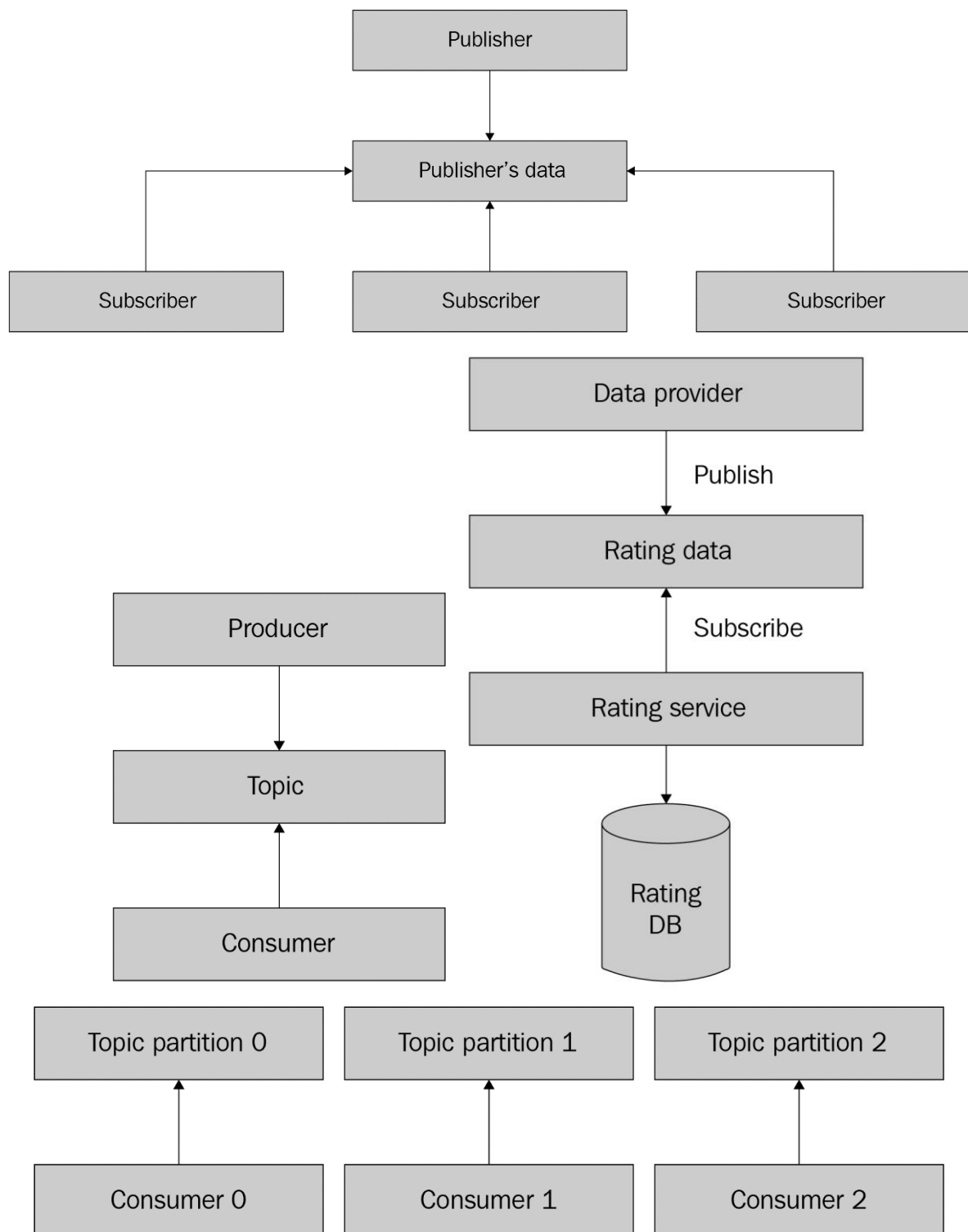
Chapter 4: Serialization



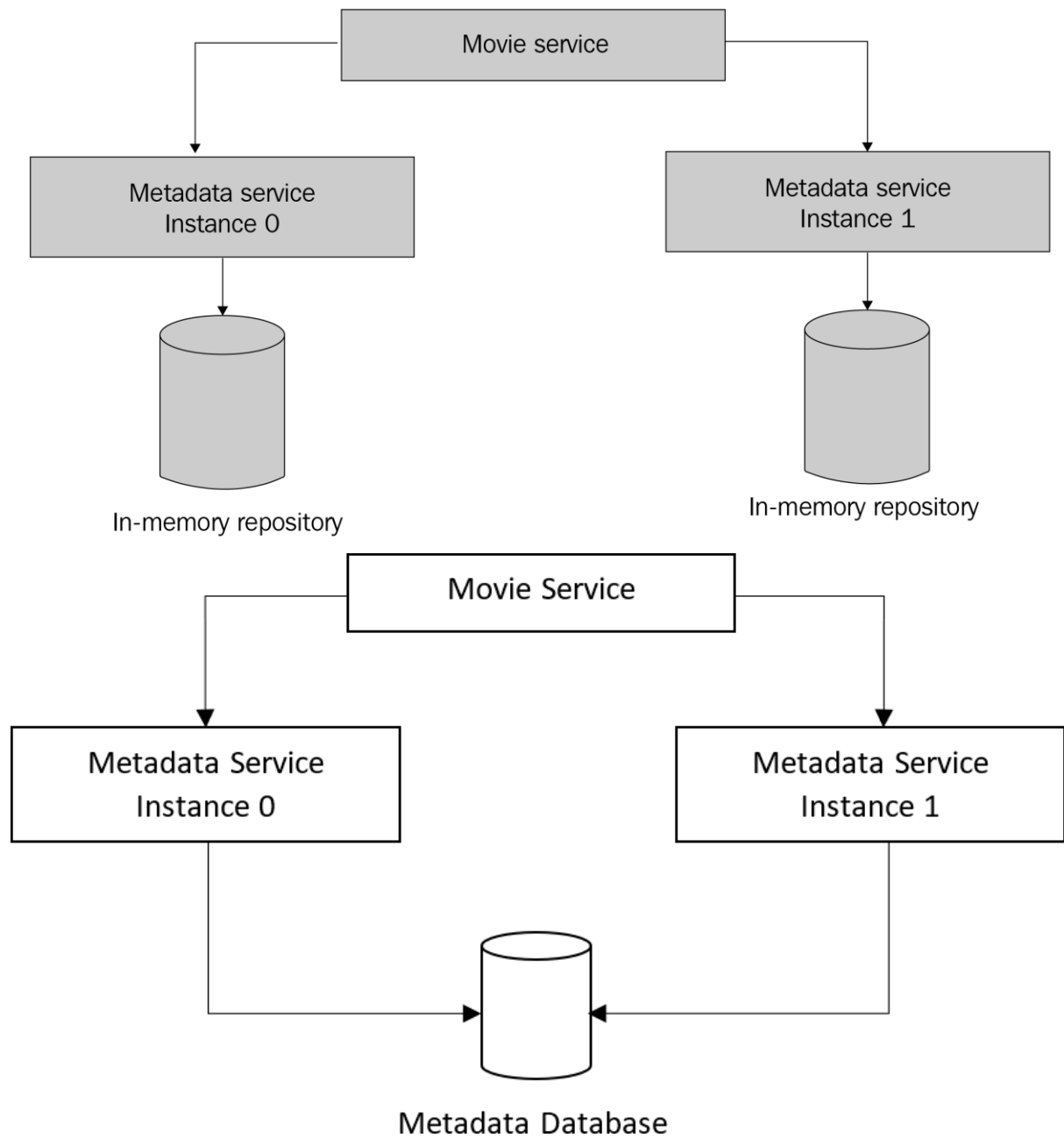
Chapter 5: Synchronous communication



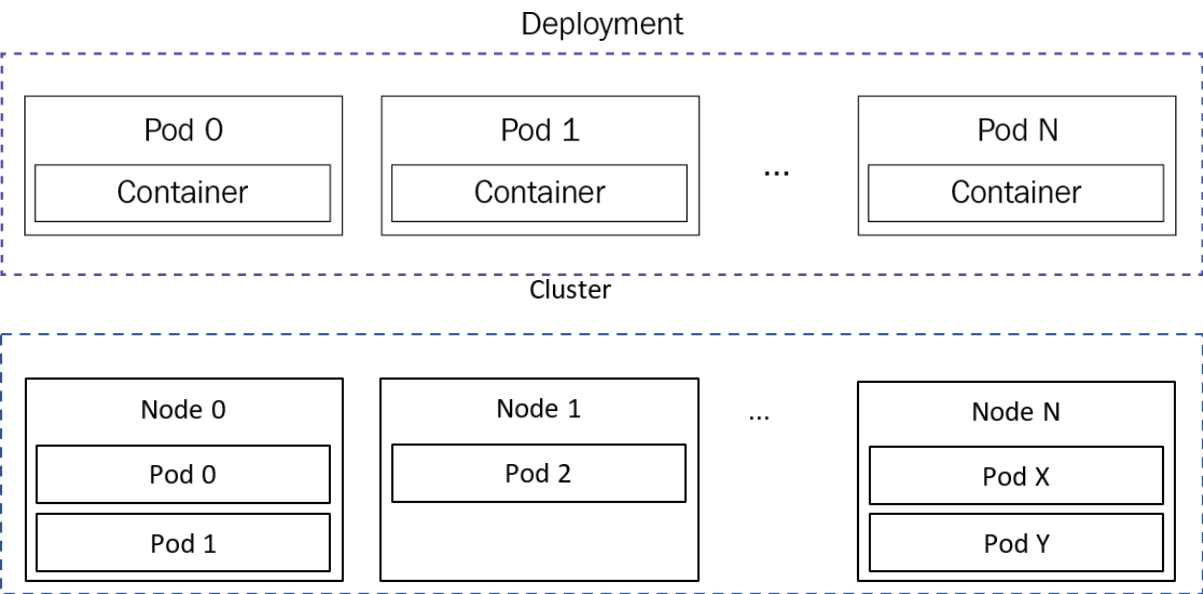
Chapter 6: Asynchronous communication



Chapter 7: Storing Service Data



Chapter 8: Deployment with Kubernetes



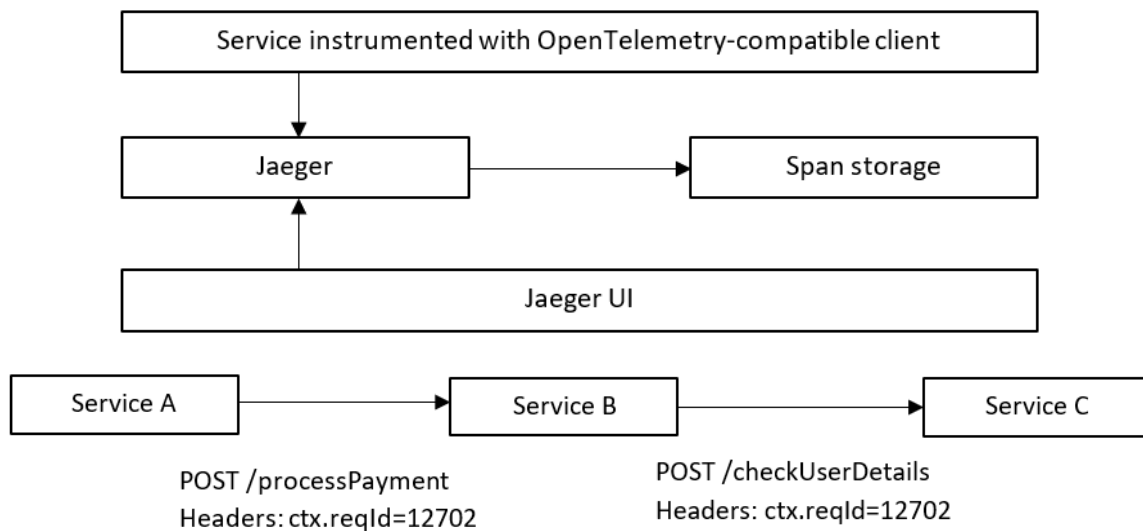
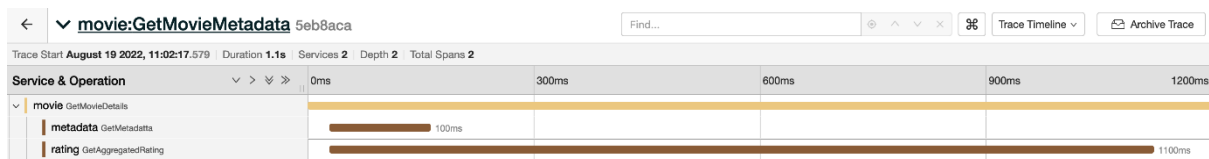
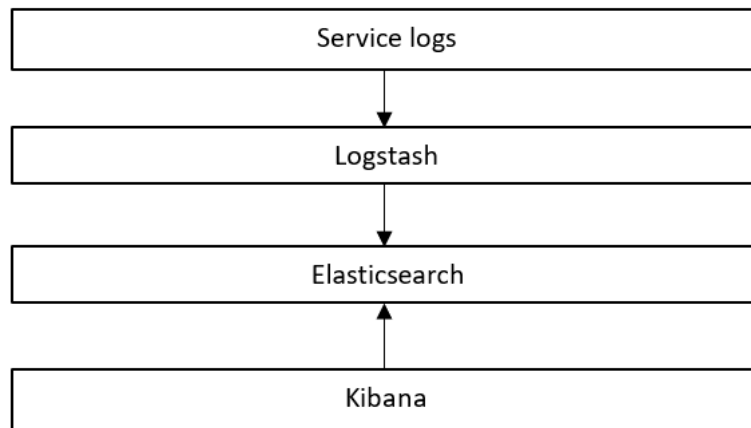
Chapter 9: Unit and Integration Testing

No images...

Chapter 10: Reliability overview

No images...

Chapter 11: Collecting Service Telemetry Data



Search

JSON File

Service (4)

movie

Operation (4)

all

Tags ?

http.status_code=200 error=true

Lookback

Last Hour

Max Duration

e.g. 1.2s, 100ms, 500u

Min Duration

e.g. 1.2s, 100ms, 500u

Limit Results

20

Find Traces



Search

JSON File

Service (4)

movie

Operation (4)

all

Tags ?

http.status_code=200 error=true

Lookback

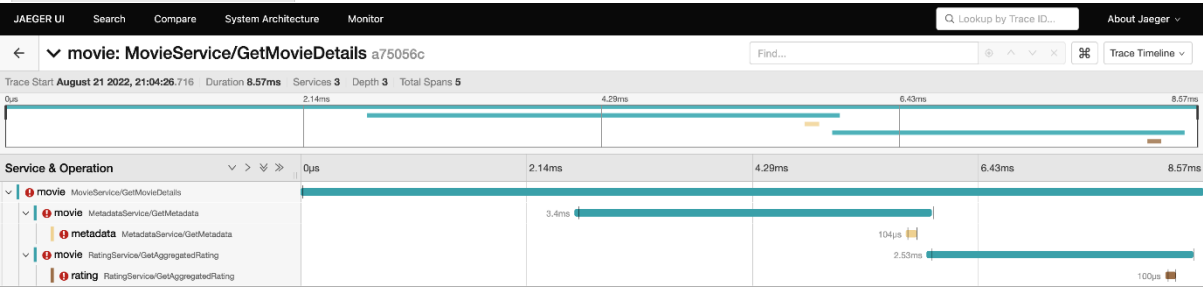
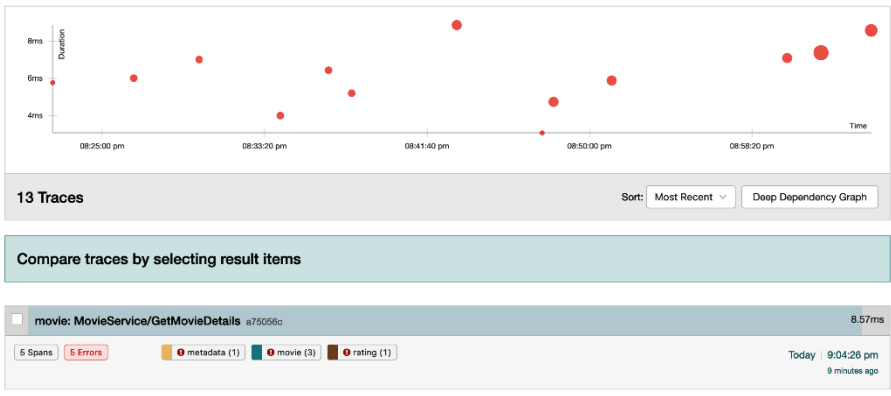
Last Hour

Max Duration

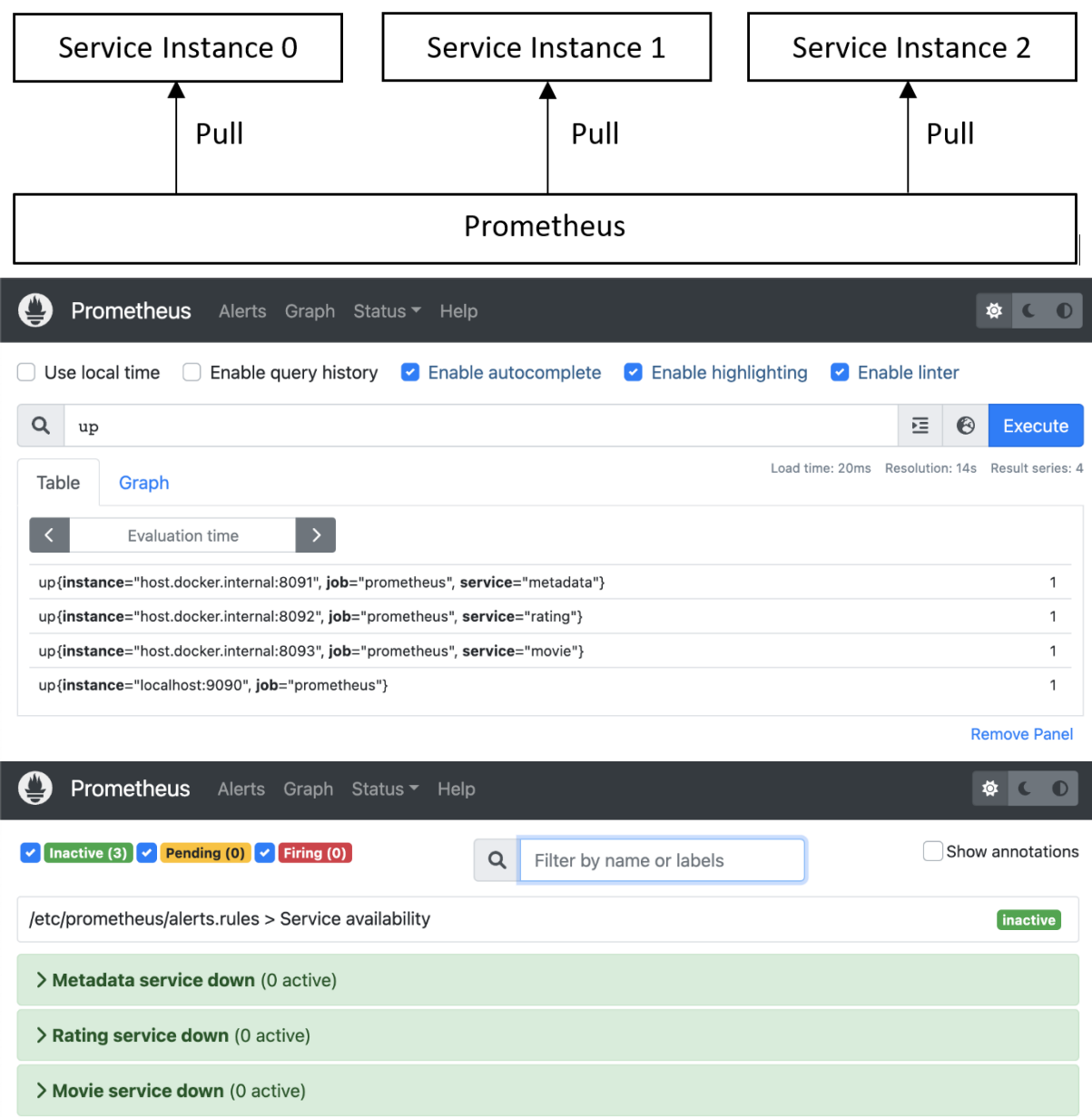
e.g. 1.2s, 100ms, 500u

Min Duration

e.g. 1.2s, 100ms, 500u




Chapter 12: Setting up Service Alerting



☒ Inactive (1)

☒ Pending (0)

☒ Firing (2)

 Filter by name or labels

☐ Show annotations

/etc/prometheus/alerts.rules > Service availability

inactive firing (2)

> Metadata service down (0 active)

> Rating service down (1 active)

> Movie service down (1 active)

New Silence

Filter Group

Receiver: All ☐ Silenced ☐ Inhibited

 Silence

Custom matcher, e.g. `env="production"`

+ Expand all groups

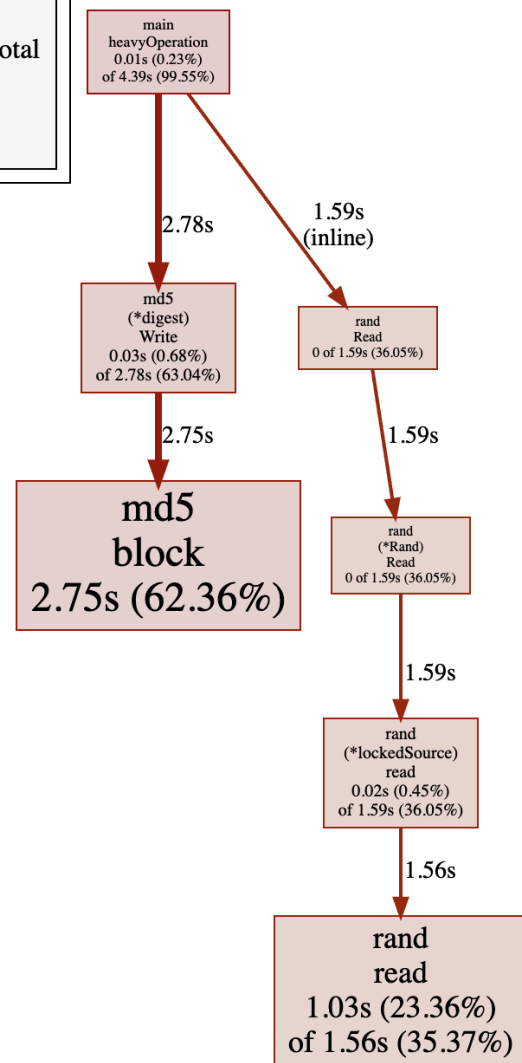
+ alertname="Movie service down" + 1 alert

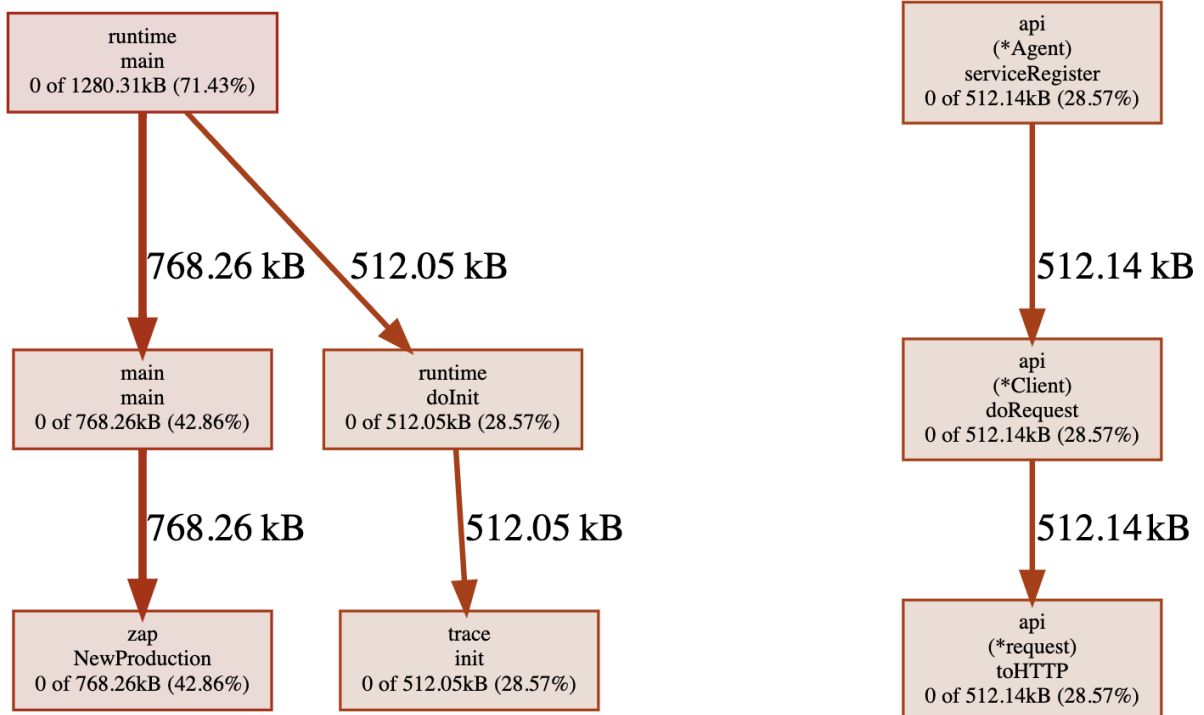
+ alertname="Rating service down" + 1 alert

Chapter 13: Advanced Topics

Type: cpu
Time: Sep 13, 2022 at 1:48pm (+05)
Duration: 5.13 s, Total samples = 4.41s (85.99%)
Showing nodes accounting for 4.37s, 99.09% of 4.41s total
Dropped 13 nodes (cum <= 0.02s)

See <https://git.io/JfYMW> for how to read the graph





Data sources

Configuration

HTTP

URL	<input type="text" value="http://host.docker.internal:9090"/>
Access	<div>Server (default) </div> Help >
Allowed cookies	<input type="text" value="New tag (enter key to a"/>
Timeout	<input type="text" value="Timeout in seconds"/>



Home



Search dashboards



Starred



Dashboards



Browse

Playlists

Snapshots

Library panels

+ New dashboard

+ New folder

+ Import



