

This is the Mockup our Apache Pulsar UI

Currently this mockup only contains the reading part of our requirements (since this was the first task of our industry partner)

This mockup is not intended to show how exactly the site has to look like (especially the visuals) but rather demonstrates how the navigation and broader structure of the site could look like

When connected to an Apache Pulsar Endpoint, the top of the site shows the URL + Disconnect Button, on the top right there is an Information Button which is supposed to open a tooltip which explains the usage of the site. In the middle there is a view selection. The site has 4 different views that correspond to the Apache Pulsar Topology (Cluster, Namespace, Topic, Message).

Each View has its visualization according to the information that is available for this topology level. Furthermore, there is a Filter section on the right, that allows view specific filtering.

Apache Pulsar UI - Dashboard

Apache Pulsar Endpoint

Connect

Informational Text about Apache Pulsar and our UI/Project

Apache Pulsar UI - Dashboard

Connected to: localhost:8080

Disconnect

Cluster

Namespace

Topic

Message

Info

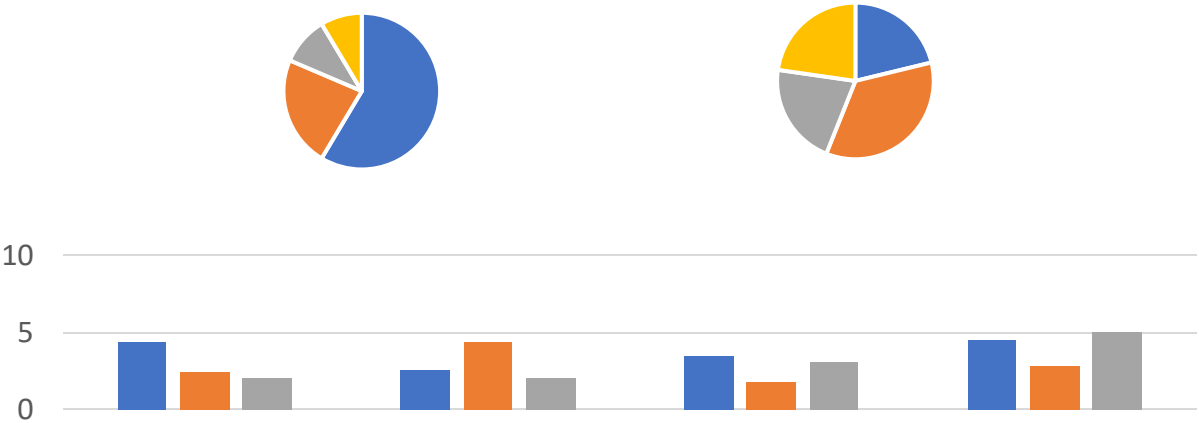
Cluster View

Cluster_EMEA

Nr. of Brokers:
Nr. of Bookies:

Nr. of Namespaces:
Nr. of Topics:
Nr. of Messages:

Service URL:
Broker Service URL:

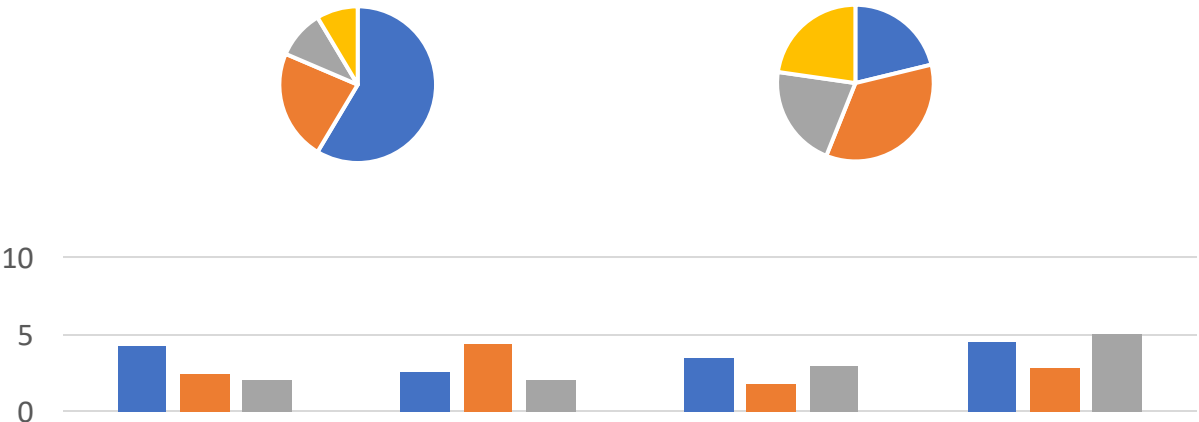


Cluster_US

Nr. of Brokers:
Nr. of Bookies:

Nr. of Namespaces:
Nr. of Topics:
Nr. of Messages:

Service URL:
Broker Service URL:



Cluster

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Search

☒ Cluster_EMEA

☒ Cluster_US

☐ Cluster_ASIA

☐ Cluster_Other

Apache Pulsar UI - Dashboard

Connected to: localhost:8080

Disconnect

Cluster	Namespace	Topic	Message
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Info

Namespace View

Multi Cluster

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Multi Namesp.

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Namespace_1

Cluster: [Cluster_EMEA](#)

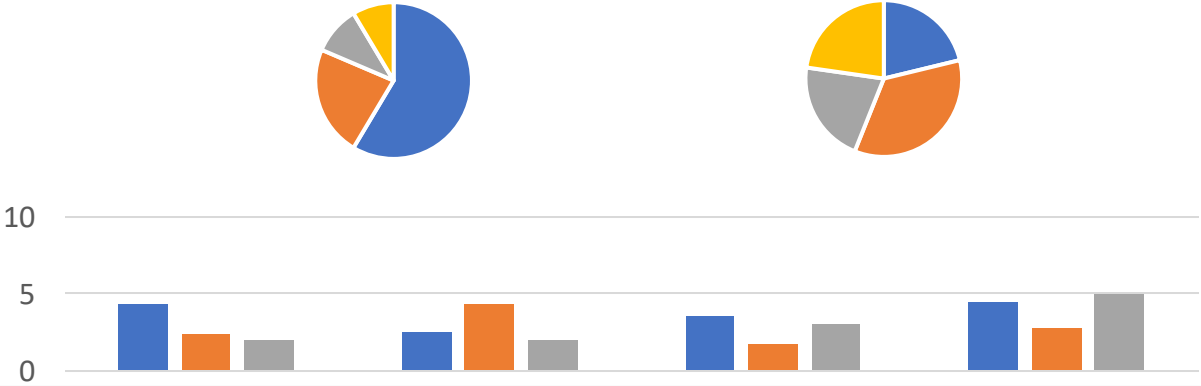
Bundles: []

Message TTL (seconds):

Retention Policies:

Nr. of Topics:

Nr. of Messages:



Namespace_2

Cluster: [Cluster_US](#)

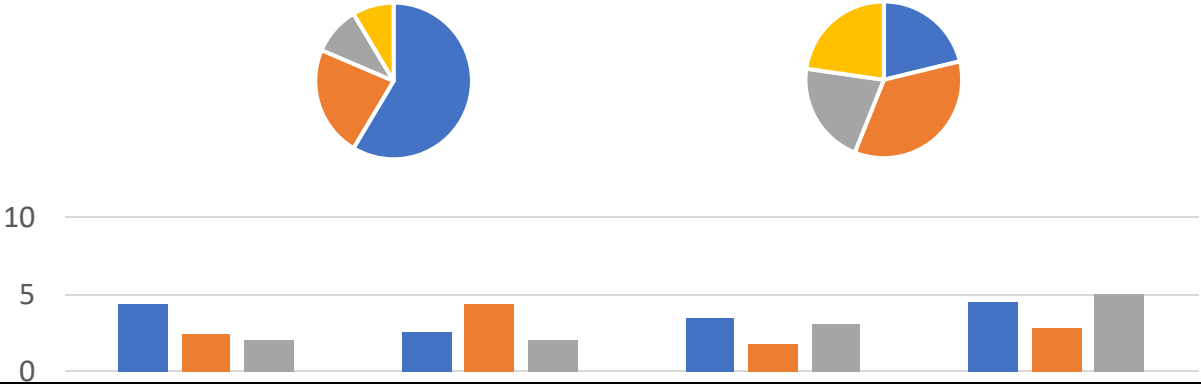
Bundles: []

Message TTL (seconds):

Retention Policies:

Nr. of Topics:

Nr. of Messages:



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Apache Pulsar UI - Dashboard

Connected to: localhost:8080

Disconnect

Cluster

Namespace

Topic

Message

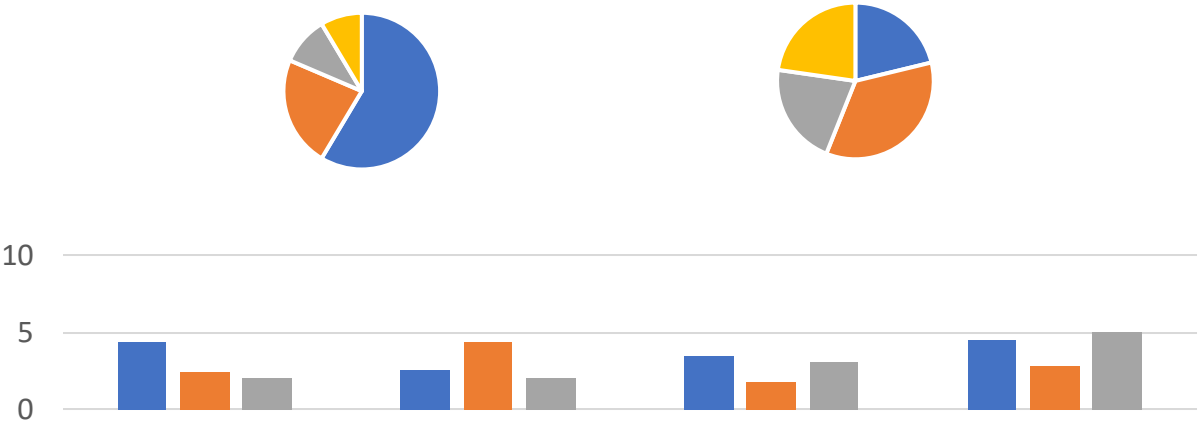
Info

Topic View

Topic_1

Cluster: [Cluster_EMEA](#)
Namespace: [Namespace_1](#)
Producers: [[Producer_1](#), ...]
Consumers: [[Consumer_1](#), ...]
Owner Broker:

Nr. of Messages:
Avg. Size of Message:
Storage Size:
...



Cluster_EMEA

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Multi Namesp.

↓

All Topics

↓

Multi Consum.

↓

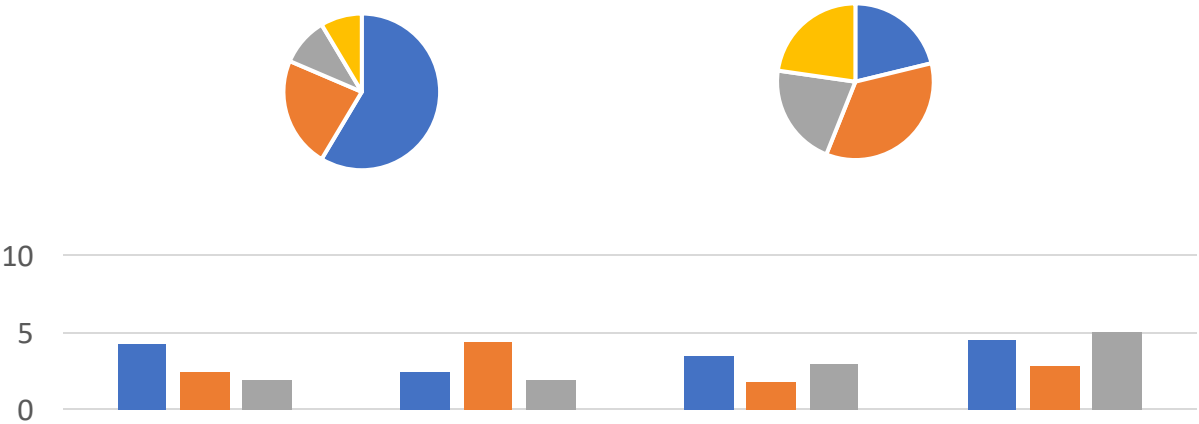
Multi Producer

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Topic_2

Cluster: [Cluster_EMEA](#)
Namespace: [Namespace_1](#)
Producers: [[Producer_100](#), ...]
Consumers: [[Consumer_101](#), ...]
Owner Broker:

Nr. of Messages:
Avg. Size of Message:
Storage Size:



Apache Pulsar UI - Dashboard

Connected to: localhost:8080

Disconnect

Cluster

Namespace

Topic

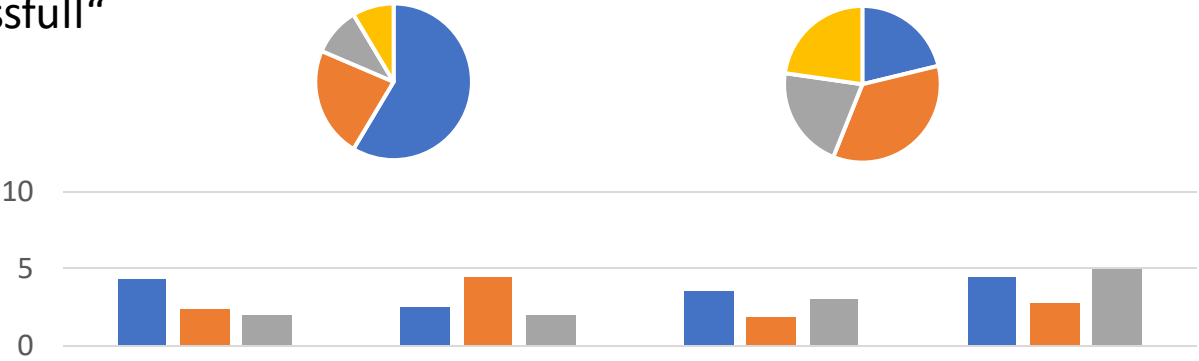
Message

Info

Message View

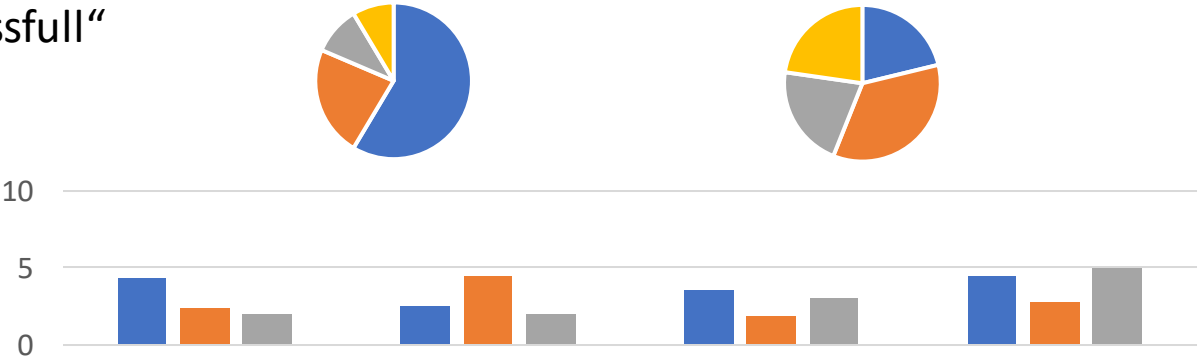
„Event system update successfull“

Cluster: [Cluster_EMEA](#)
Namespace: [Namespace_1](#)
Topic: [Topic_1](#)
Schema: {}
Raw Data: „“
Message ID:
Publish Time:



„Event system update successfull“

Cluster: [Cluster_EMEA](#)
Namespace: [Namespace_1](#)
Topic: [Topic_1](#)
Schema: {}
Raw Data: „“
Message ID:
Publish Time:



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Cluster_EMEA

↓

Multi Namesp.

↓

All Topics

↓

Multi Consum.

↓

Multi Producer

↓

All Messages

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- Event*
- ☒ Event sys...
 - ☒ Event quit...
 - ☐ Event order...
 - ☐ Event test...