

User Documentation

You can find the current User-Documentation in our github wiki here:

<https://github.com/amosproj/amos2023ss01-apache-pulsar-ui/wiki/User-Documentation>

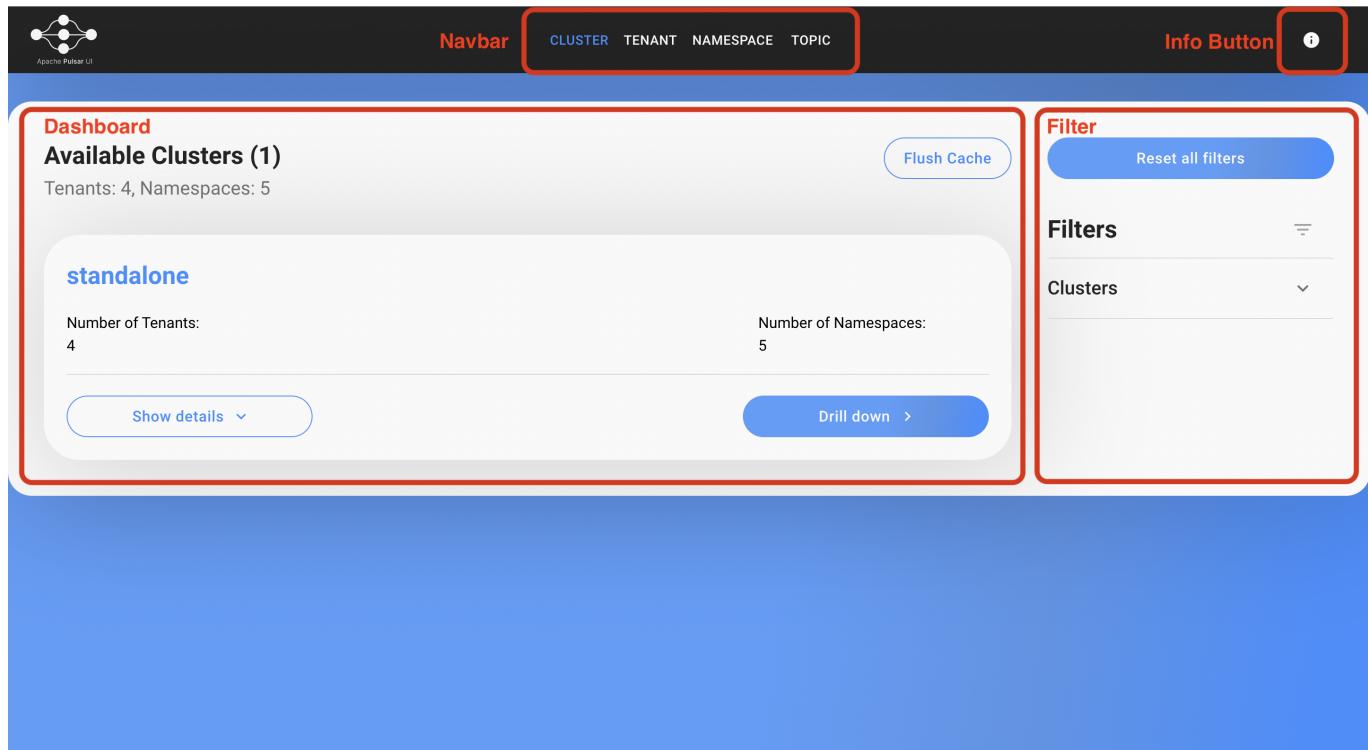
To meet the requirements of the sprint, we also transformed the state of the wiki from 14.07.2023 to this pdf.

Preparations

Configure the application with a config file, and make sure the application is up and running. To start the app, follow the instructions in [Build Documentation](#).

Workflow

With the intuitive UI design, getting insight into your Apache pulsar instance is easy.



Navbar

Navigate through the topology in Apache Pulsar effortlessly by utilizing the navbar to switch between different views.

Filters

Efficiently filter the elements of your interest.

Available Tenants (4)

Namespaces: 5, Topics: 7

neuron-demo

Admin Roles: N/A Allowed Clusters: standalone Number of Namespaces: 1 Number of Topics: 3

Show details ▾ Drill down >

public

Admin Roles: N/A Allowed Clusters: standalone Number of Namespaces: 2 Number of Topics: 3

Show details ▾ Drill down >

Filters

Clusters

Search Clusters

standalone

Tenants

Search Tenants

neuron-demo
 public
 pulsar
 rbi-demo

Available Tenants (1)

Namespaces: 1, Topics: 3

neuron-demo

Admin Roles: N/A Allowed Clusters: standalone Number of Namespaces: 1 Number of Topics: 3

Show details ▾ Drill down >

Filters

Clusters

Search Clusters

standalone

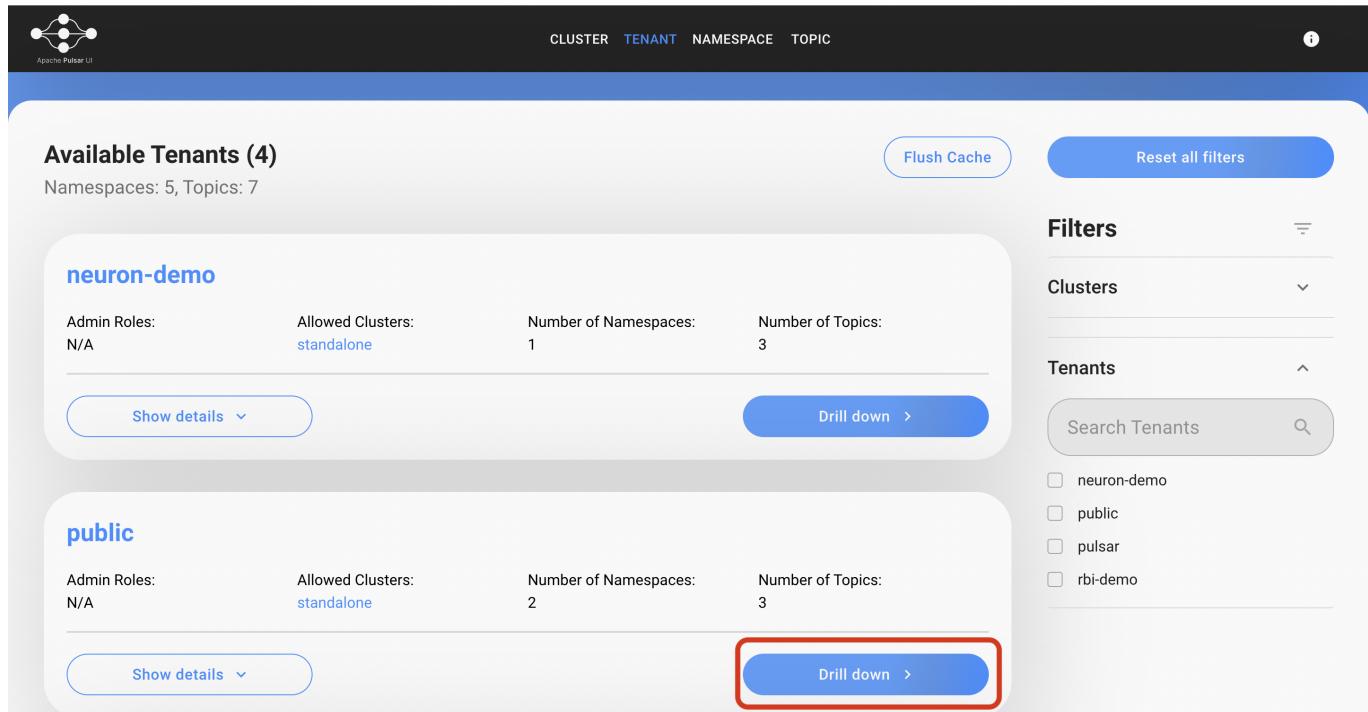
Tenants

Search Tenants

neuron-demo
 public
 pulsar
 rbi-demo

Drilldown

Utilize the drill-down button for seamless navigation to delve deeper into the topology level. For example, to focus on a specific tenant, simply click on the drill-down button. This action will take you one level deeper into the Apache Pulsar instance's topology, automatically adding the selected element to the filters.



Available Tenants (4)

Namespaces: 5, Topics: 7

neuron-demo

Admin Roles: N/A	Allowed Clusters: standalone	Number of Namespaces: 1	Number of Topics: 3
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Show details ▾

Drill down >

public

Admin Roles: N/A	Allowed Clusters: standalone	Number of Namespaces: 2	Number of Topics: 3
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Show details ▾

Drill down >

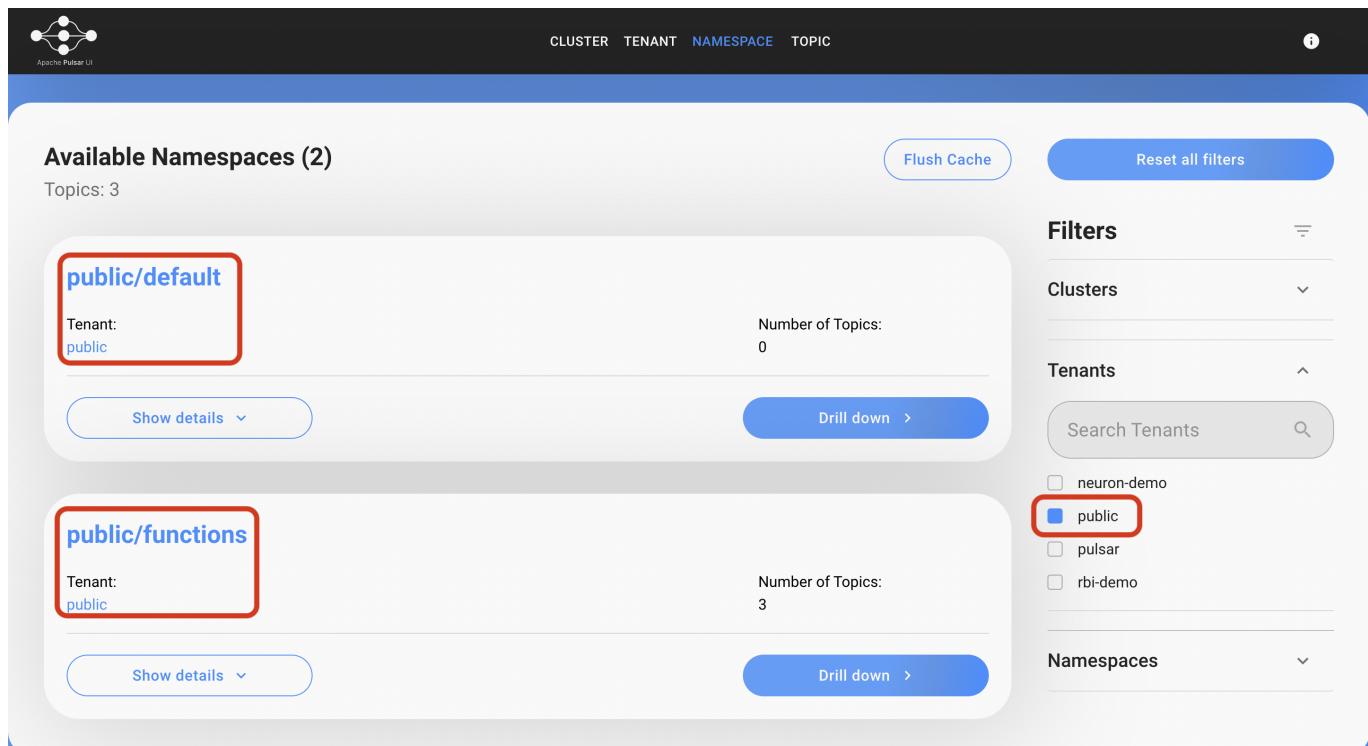
Filters

Clusters

Tenants

Search Tenants

- neuron-demo
- public
- pulsar
- rbi-demo



Available Namespaces (2)

Topics: 3

public/default

Tenant: public	Number of Topics: 0
-------------------	------------------------

Show details ▾

Drill down >

public/functions

Tenant: public	Number of Topics: 3
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Show details ▾

Drill down >

Filters

Clusters

Tenants

Search Tenants

- neuron-demo
- public
- pulsar
- rbi-demo

Namespaces

All elements can be filtered based on their respective topology levels, including those that are equal to or above them.

Furthermore, at the topic level, you have the ability to filter elements based on producers and subscriptions.

persistent://public/functions/assignments

Tenant: public Namespace: public/functions Producers: c-standalone-fw-localhost-8080-0-scheduler-manager Subscriptions: None

persistent://public/functions/coordinate

Tenant: public Namespace: public/functions Producers: None Subscriptions: participants

Namespaces

Topics

Producers

Search Producers

- tech-rbi-neuron-demo-create-customer
- c-standalone-fw-localhost-8080-leader
- c-standalone-fw-localhost-8080-scheduler-manager

Subscriptions

Search Subscriptions

- tech-rbi-neuron-demo-create-customer
- participants

Show Details

Access detailed information about a specific element in the Apache Pulsar instance by utilizing the "Show Details" button.

Available Topics (3)

Producers: 2, Subscriptions: 1

persistent://public/functions/metadata

Tenant: public Namespace: public/functions Producers: c-standalone-fw-localhost-8080-0-leader Subscriptions: None

persistent://public/functions/assignments

Tenant: public Namespace: public/functions Producers: c-standalone-fw-localhost-8080-0-scheduler-manager Subscriptions: None

Flush Cache

Reset all filters

Filters

Clusters

Tenants

Namespaces

Topics

Producers

Search Producers

- tech-rbi-neuron-demo-create-customer

Clickable blue text provides the option to access additional information.

Here clicking on the tenant or namespace links will redirect you to the higher topology levels to which this topic belongs

When you click on the producer or subscriptions links, a modal will appear, displaying detailed information

about them.

Available Topics (3)

Producers: 2, Subscriptions: 1

persistent://public/functions/metadata

Click on links to get more insights

Tenant: public Namespace: public/functions Producers: c-standalone-fw-localhost-8080 0-leader Subscriptions: None

Owner Broker: pulsar://localhost:6650

Produced messages: 0 Consumed messages: 0 Average message size: 0 Bytes Storage size: 0 Bytes

Schema: N/A

Detail Information

Hide ▾ Drill down >

localhost:8082/topic#

Filters

- Clusters
- Tenants
- Namespaces
- Topics
- Producers

Search Producers

tech-rbi-neuron-demo-create-customer

Analyze Messages

In the topics view, clicking on the drill-down button will open a modal that provides detailed information about the messages associated with that specific topic.

Messages (10)

Nr. of messages requested: 10 Reload

ID: 86:4919:-1
2023-07-14T14:26:15.085Z

Topic: persistent://rbi-demo/customer/event.neuron-demo-customer.v1 Namespace: customer Tenant: rbi-demo Producer: tech-rbi-neuron-demo-create-customer

Payload: 9923357074Luca Pfeffer Pro f. Eisenzer TG 1984-05-20 2004-12-11 POpen

Schema:

```
{
  "type": "record",
  "name": "CustomerEvent",
  "fields": [
    {
      "name": "customerId",
      "type": "string"
    },
    {
      "name": "firstName",
      "type": "string"
    },
    {
      "name": "lastName",
      "type": "string"
    }
  ]
}
```