Overview

Each graph type presents different views to help understand your application metrics. The graphs initially separate the information into three categories of (1) *Commands*, (2) *Queries*, (3) *Services*. Each category is further broken down into representative attributes of Duration, CPU, Heap-Size, Query Rows, Queries, Callouts, etc. [See **Attributes** for more information]. Each of the attributes are separated into 5 stages your application goes through. Those stages are as followed:

- **Stage 1**, *ObjectCreated*; The class is created.
- **Stage 2**, *Dispatcher*; The class is dispatched and ready to run.
- **Stage 3,** *Started*; The object is started (running).
- **Stage 4**, *InProgress;* The class is in progress
- **Stage 5,** *Complete*; the class has completed

Each of the charts also allows you to display all gathered metrics broken down by *Commands*, Queries, *Services.* You also can view,

- View Average of a metric
- View various category combination (Command, Query, Service)
- Select by Date

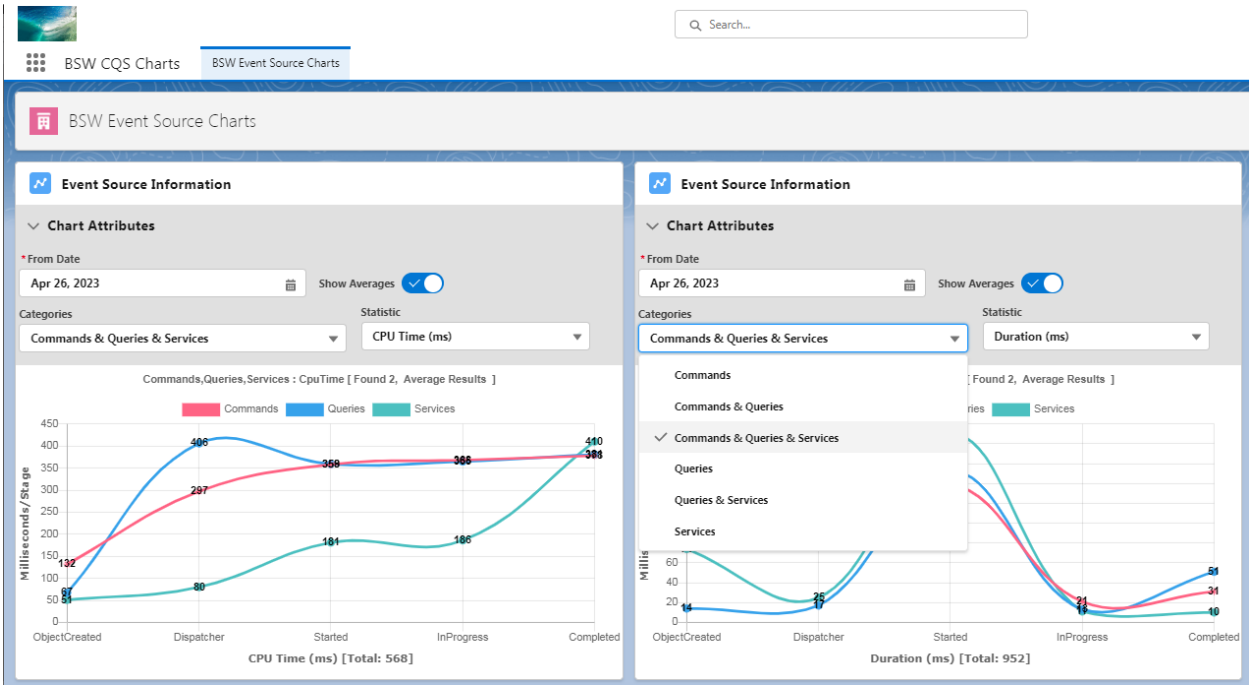

Figure 1 Chart allowing Selection of Category

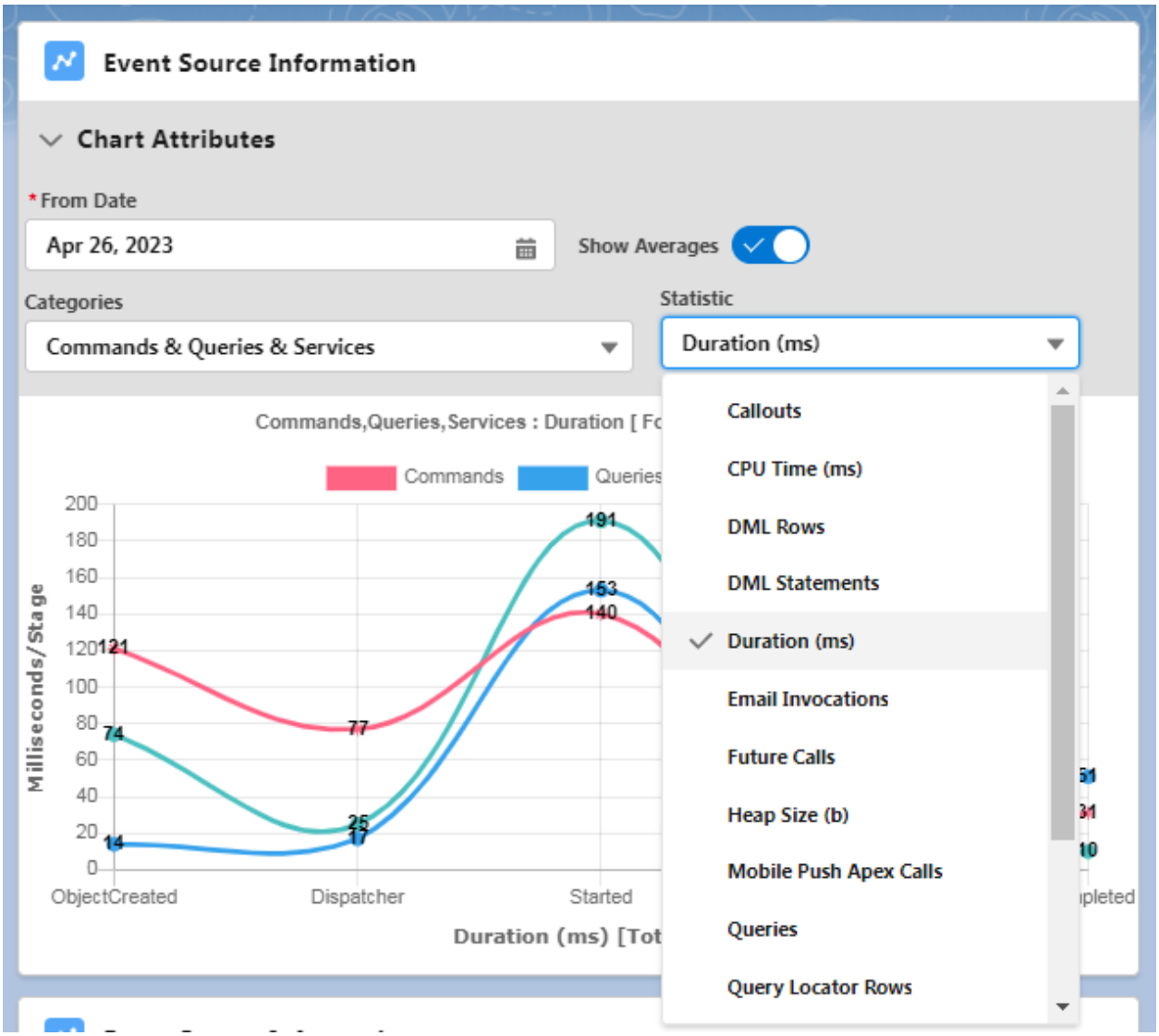

Figure 2 Chart allowing specific metrics

Multi-Pie - Duration

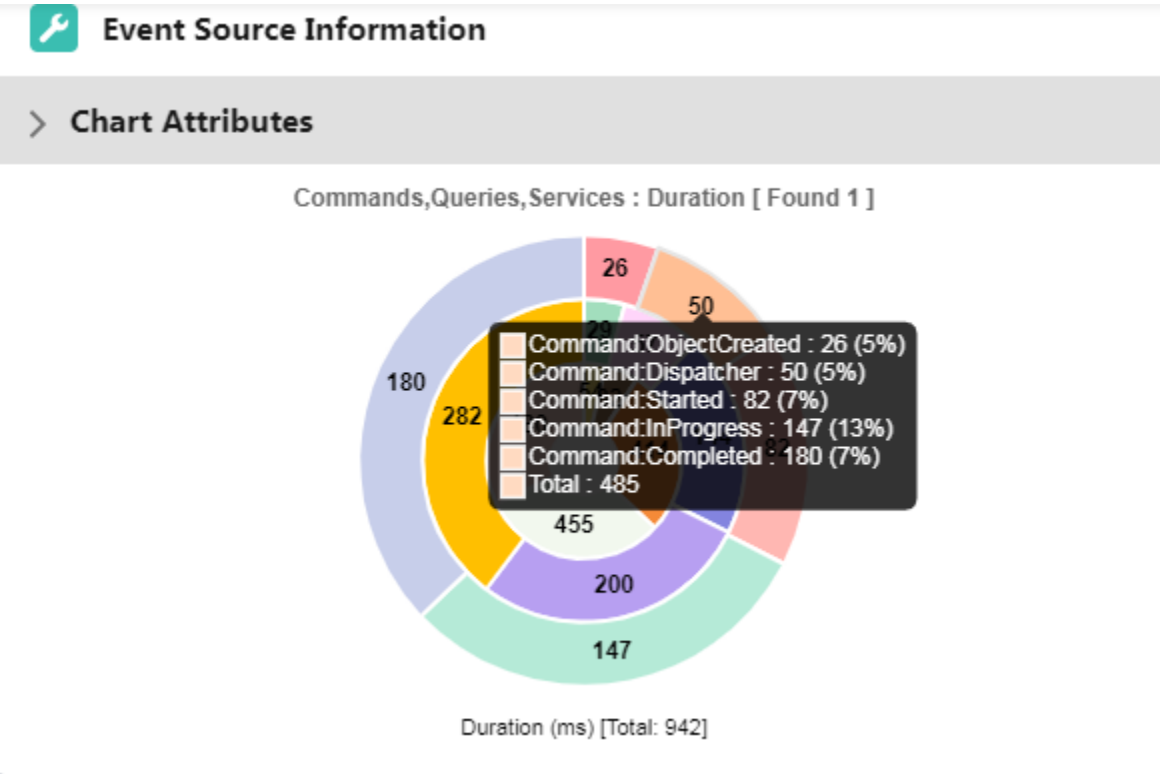

Figure 3 Multi-Pie Chart

Line - Duration

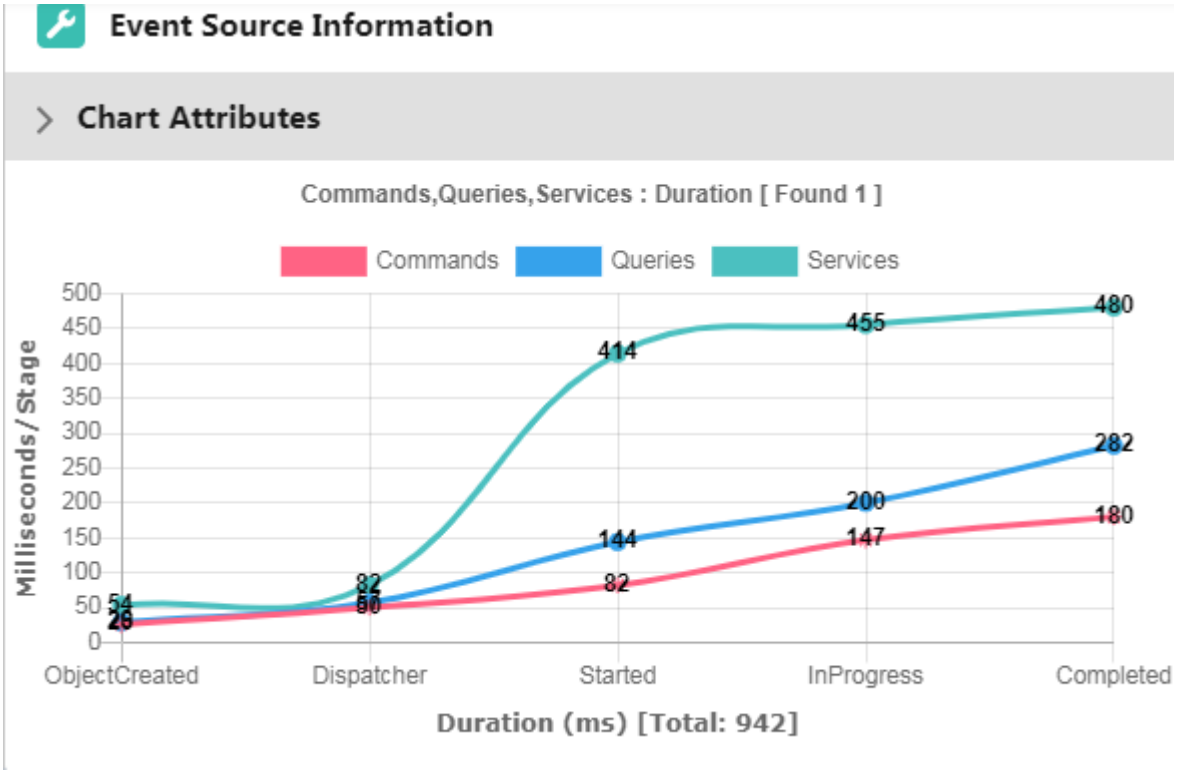

Figure 4 Line Chart of Metrics

Doughnut – Duration

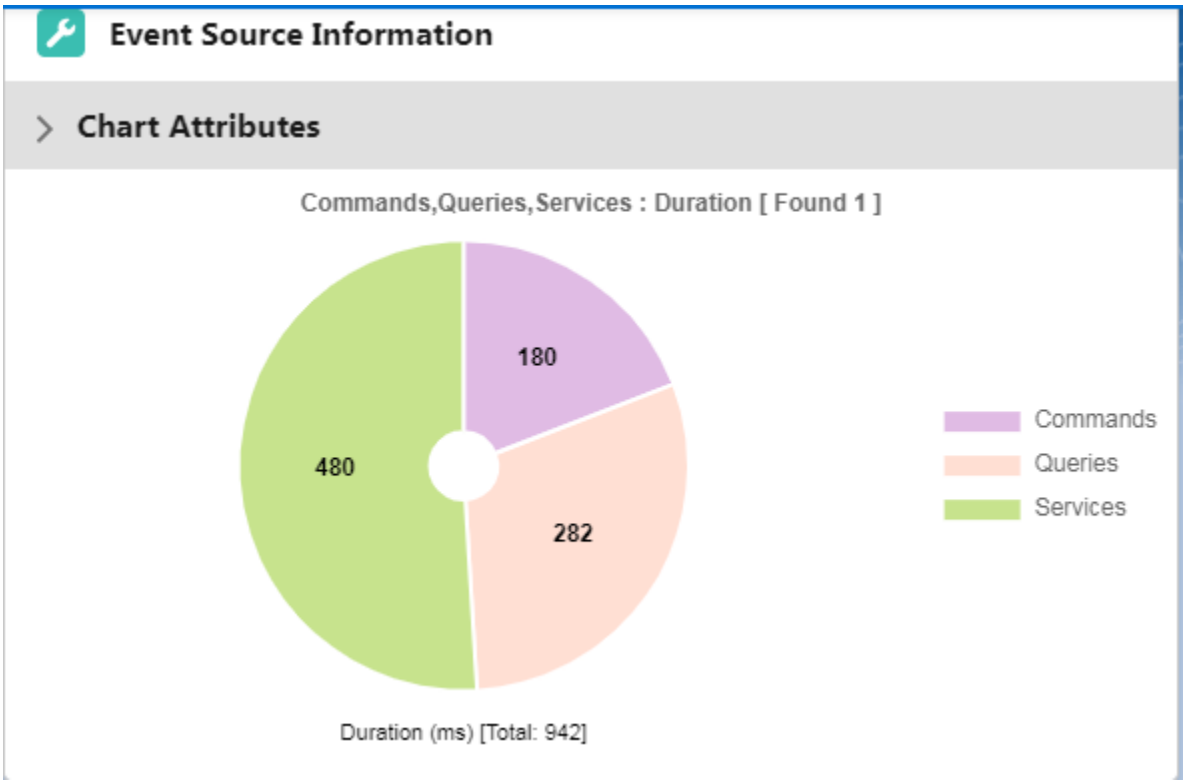

Figure 5 Doughnut Chart

Bar – CPU Time

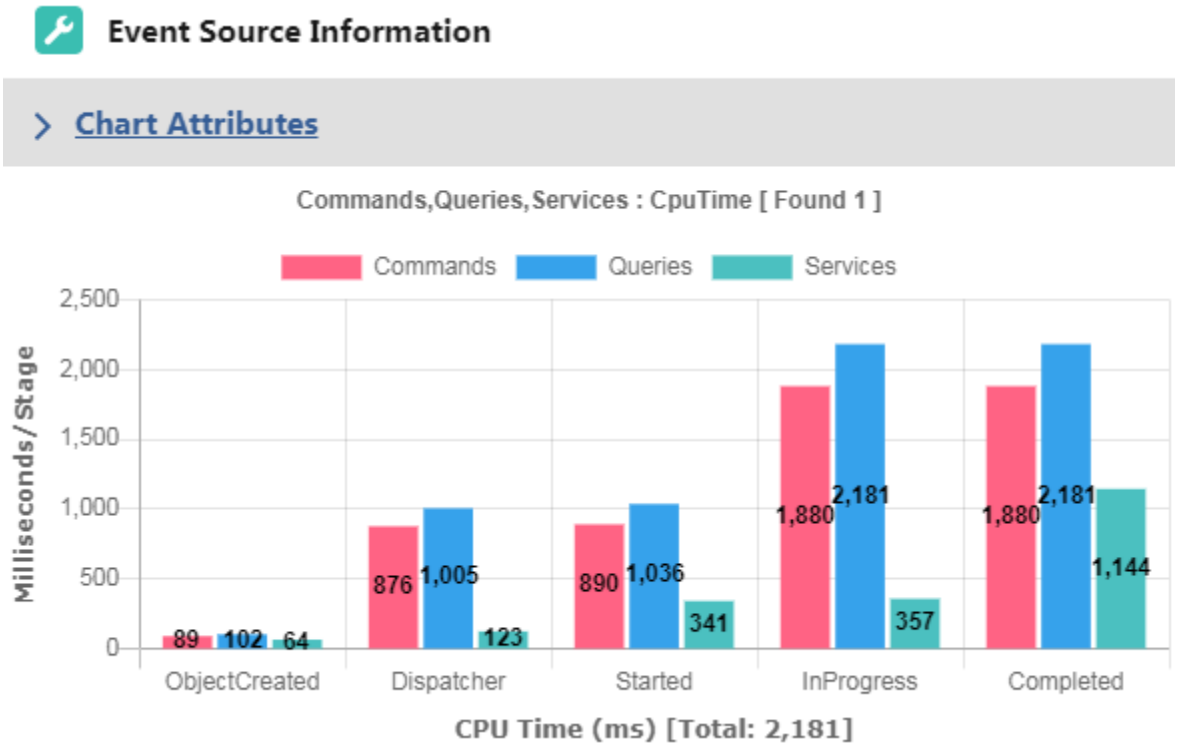

Figure 6 Bar Chart

Code Flow via Sequence Diagrams

Once a CQS class has execute, the instrumented information is accessible allowing you the ability to display the Sequence Diagram of the flow of the CQS execution from the *Tile View* by selecting the link.

Tile View of Current Day Run(s)

The Tile View shows current daily runs via the Run Id. The Run Id is the unique transaction Identifier associate with each CQS execution. The Tiles provide a breakdown of all the metrics gathered along with the associated timestamp of execution.

Within each tile you can pop up the CQS Sequence Diagram. The provides a different flow view.

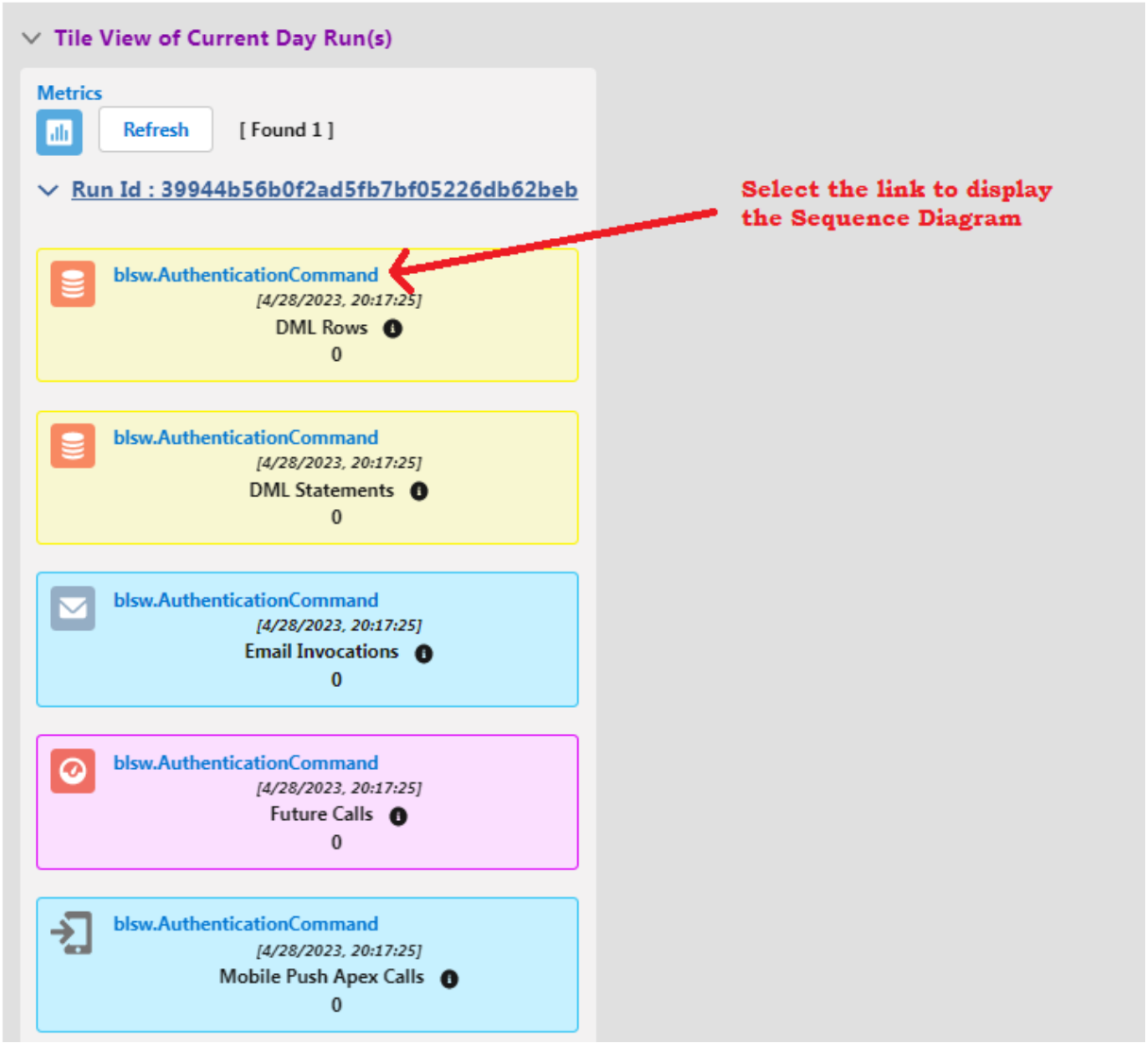

Figure 7 Tile View of Metrics

CQS Sequence Diagram

From a transaction Id we can display a Sequence Diagram of the metrics and the methods. The diagram is **not** a complete stack trace of all the methods. However, the flow represents the instrumentation of events that occurred and associate metrics.

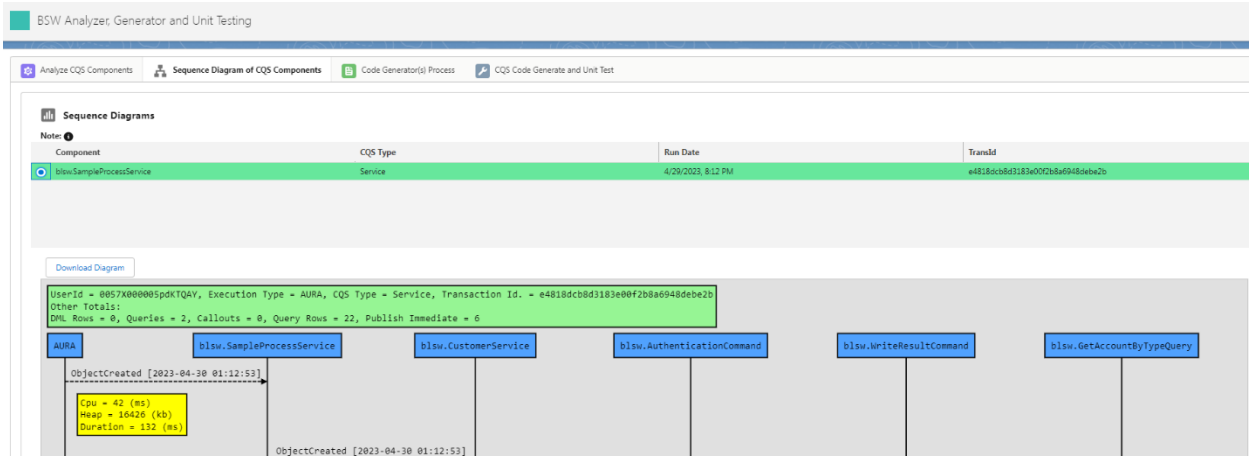

Figure 8 Sequence Diagram from Transaction Id

Below diagram shows (simpler) Sequence Diagram of a sample CQS transaction.

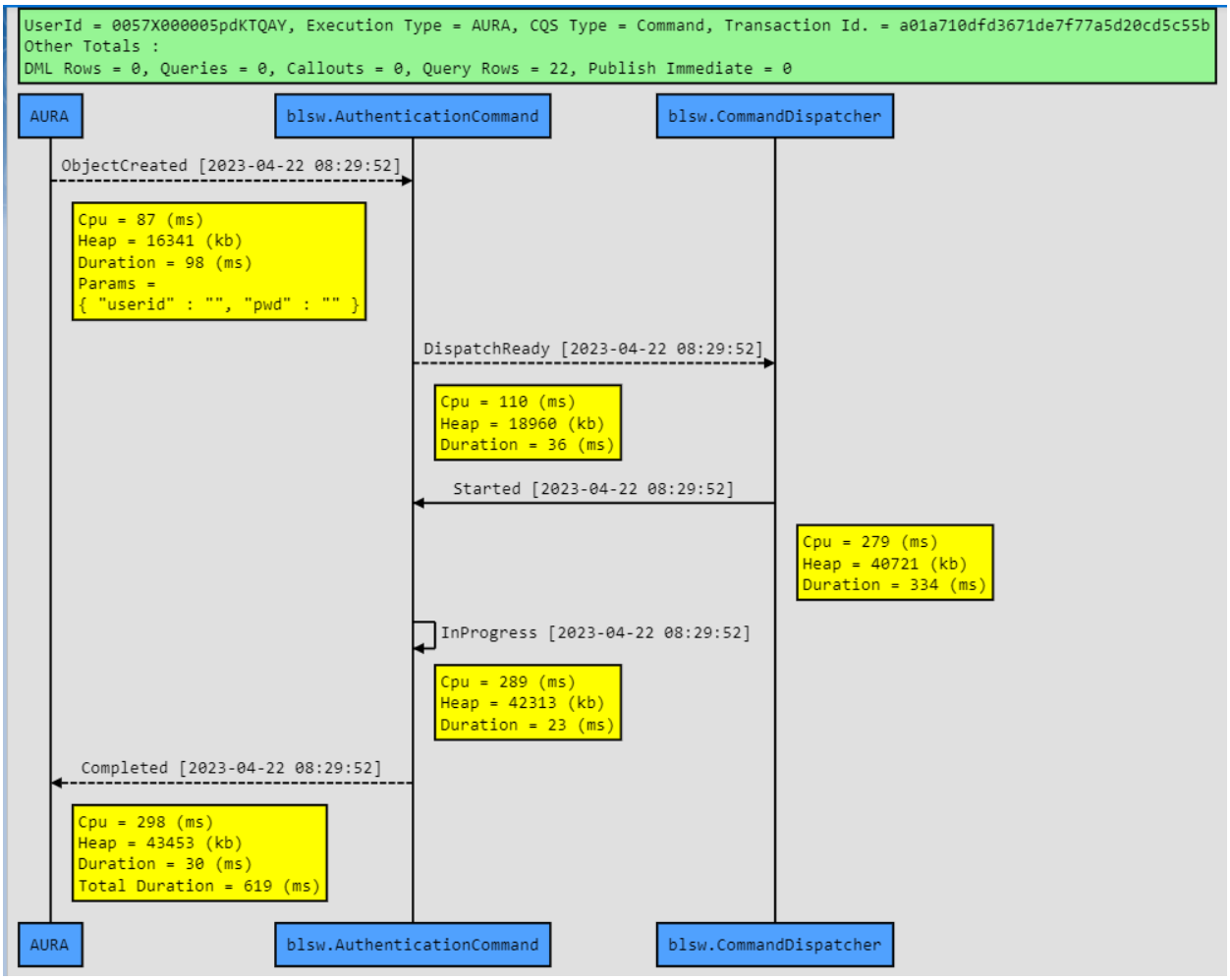

Figure 9 CQS Sequence Diagram