Working with Analytics

The ESB profile of WSO2 EI can analyze statistics and tracing using the Analytics profile of WSO2 EI or Jaeger (Open Tracing).

WSO2 EI Analytics Profile

The Analytics profile of WSO2 Enterprise Integrator 6.6.0 (WSO2 EI) is an instance of the WSO2 Stream Processor (WSO2 SP) runtime. This Analytics profile, by default, is configured to monitor statistics related to the message mediation that is carried out by the ESB profile of WSO2 EI.

The Analytics profile consists of two components: Worker and Dashboard. The worker is the server that processes the data streams that are sent from the ESB profile and publishes the statistics to a database. The dashboard reads the statistics published by the worker and displays the statistics on the dashboard. The worker and dashboard are connected through the database. Note that you need to use two separate WSO2 EI instances for the worker and dashboard.

See the following topics for more details:

- Publishing ESB Data to Analytics
- Using the WSO2 EI Analytics Dashboard
- Load Balancing the ESB Data Published to Analytics
- Monitoring JMX Based Statistics
- Customizing Statistics Publishing
- Purging Analytics Data

Jaeger (OpenTracing)

Jaeger is a distributed tracing system that supports the OpenTracing standard. The ESB profile of WSO2 EI 6.6.0 can be configured with Jaeger so that message flow traces can be visualized from the Jaeger UI.

See the following topics for more details:

- Publishing ESB Data to Jaeger
- Using Jaeger for Message Flow Tracing