

Upgraded Meroxa's Tool ConduitIO to Support New Data Source Integrations

SUMMARY

Meroxa was looking to upgrade its data integration tool ConduitIO to add support for new data sources for data streaming, along with reviewing and testing their data source development SDK and server. Gophers Lab worked with Meroxa to add three new data source integrations with Conduit. They also helped the client meet their data source development SDK and Conduit server requirements.

- ✔ Added support for Google Sheets, Zendesk & Redis data source integration with ConduitIO
- ✔ Wrote extensive unit tests for 80%+ coverage
- ✔ Helped ensure modular & robust data source development SDK & improved Conduit server

ABOUT THE CUSTOMER

Meroxa is a real-time Data Platform as a Service designed to empower data teams with the tools they need to build real-time infrastructure in minutes, not months. By reducing complexity and enabling self-service capabilities, Meroxa frees teams to spend less time on mundane tasks and more time focusing on impactful projects.

Data Platform

DOMAIN

USA

COUNTRY

Back-end, Testing

SERVICES

PaaS

ISV

Data & Analytics

Data Pipeline

CUSTOMER CHALLENGES

Meroxa has an open-source data integration tool called ConduitIO. It helps developers move data between data infrastructure with ease. Conduit syncs data between production systems using an extensible, event-first experience with minimal dependencies that fit within the existing workflow.

Meroxa was looking to make the following updates to the product:

- Add support for multiple **new data sources integrations** with Conduit for data streaming
- Review and test the **data source development SDK**
- Review and test the **Conduit server**

SOLUTION IMPLEMENTED

Gophers Lab worked with Meroxa to devise and implement the following solution:

- Designed and implemented the **data source connectors** for ConduitIO data streaming for three providers:
 - **Google Sheets**
 - **Zendesk**
 - **Redis** (streams and channels)
- Added **Google OAuth token generation script** to simplify the integration process for Google Sheets
- Added detailed README for each data source connector
- Wrote extensive **unit tests**
- Provided suggestions for data source development SDK and Conduit server

TECHNOLOGY STACK

BACK-END	
DATABASES	 
CLOUD	
TESTING	Manual
TOOLS	 
APIs	 

BUSINESS RESULTS

The implemented solution yielded the below results for Meroxa:

- **Three new data source integrations** with ConduitIO for data streaming with **over 80% unit test coverage and extensive README documentation**
- Modular and robust data source development SDK
- Improved Conduit server

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