Product Data Sheet
SQL Lens

Data Lens

SQL Ingestion by Data Lens

Our SQL Lens facilitates fully automated transformation from SQL data sources into fully W3C compatible semantic web data.

KEY FEATURES

- Supports:
  - Microsoft SQL Server™
  - MySQL
  - PostgreSQL
  - Oracle
  - and many more
- Supports all common Knowledge Graphs
- Automatically or Manually Triggered
- Provenance as standard
- Fully W3C Semantic Web compliant
- Fast
- Flexible configuration
- Platform Agnostic
- Highly Scalable
- Lightweight
- Robust

Knowledge Graph Support

Inbuilt support for all the common Knowledge Graphs, and generic SPARQL support for the less common.

Speed

Transformation is incredibly fast, with 100,000 data points typically being generated in 10 seconds.

Flexible Configuration

The configuration of the SQL lens can be changed on-the-fly via the user-friendly configuration tool to suit a broad range of customer requirements. More bespoke requirements can be configured by our skilled support team.

W3C Compliance

The outputted data is fully W3C semantic web compliant and can be used with any other compliant tooling in any way that you wish

Provenance as standard

All data transformed by the SQL Lens comes with full provenance as standard, your data is fully traceable to source.

Triggering

Triggering may be automatic based on a customisable schedule, or manually triggered via its RESTful endpoint.

Platform Agnostic

The SQL Lens will run on any container infrastructure that supports Docker.
This can be in the Cloud or on Bare Metal

Highly Scalable

The SQL Lens can support any size of database. The Lens itself can be scaled horizontally to fit your particular requirements

Lightweight

The resource requirements of the Lens are very modest, typically requiring only the lowest tiers of cloud instance or hardware.

Robust

Build from the ground up to be enterprise capable

W3C Semantic Web