

Software Bill of Materials (SBOM) and Supply Chain Policy

Purpose

This document describes the **software supply chain and dependency management practices** used in the DbSchema software product.

DbSchema relies on established and well-supported open-source components to provide core functionality.

Core Platform

DbSchema is built on the following major technologies:

- **Java (latest supported LTS versions)**
- **JavaFX (latest supported releases)**

These platforms provide mature runtime security and long-term maintenance.

Third-Party Dependencies

DbSchema may include third-party libraries for:

- UI components
- database connectivity
- data processing
- development tooling

Security practices include:

- Using dependencies from reputable open-source projects
 - Keeping libraries updated
 - Monitoring publicly disclosed vulnerabilities
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Database Connectivity

DbSchema connects to databases using **JDBC drivers provided by the database vendors**.

These drivers are responsible for:

- Authentication mechanisms
- Encryption (TLS/SSL)
- Secure communication with the database server

DbSchema relies on these vendor-supported drivers for secure database communication.

Collaboration

DbSchema supports **Git-based collaboration** for sharing design models.

Git provides:

- secure authentication
- encrypted communication
- distributed version control

This allows teams to collaborate using established industry tools without requiring DbSchema to store user data.

Customer Data Handling

DbSchema is designed to **minimize data handling risks**:

- The application runs locally on the user's machine.
 - DbSchema **does not collect or store database data**.
 - The only stored project file is a **model file (XML)** containing database schema metadata.
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Sales and Payment Processing

All commercial transactions for DbSchema are handled by an external partner:

PayPro Global

Payment processing, billing data, and financial information are handled exclusively by the payment provider.

DbSchema systems **do not process or store payment information**.