

## Hackolade Studio Workgroup Edition

The Workgroup Edition of Hackolade Studio introduces native integration with Git repositories to provide state-of-the-art collaboration, versioning, branching, conflict resolution, peer reviews, change tracking, traceability, and DevOps CI/CD integration.

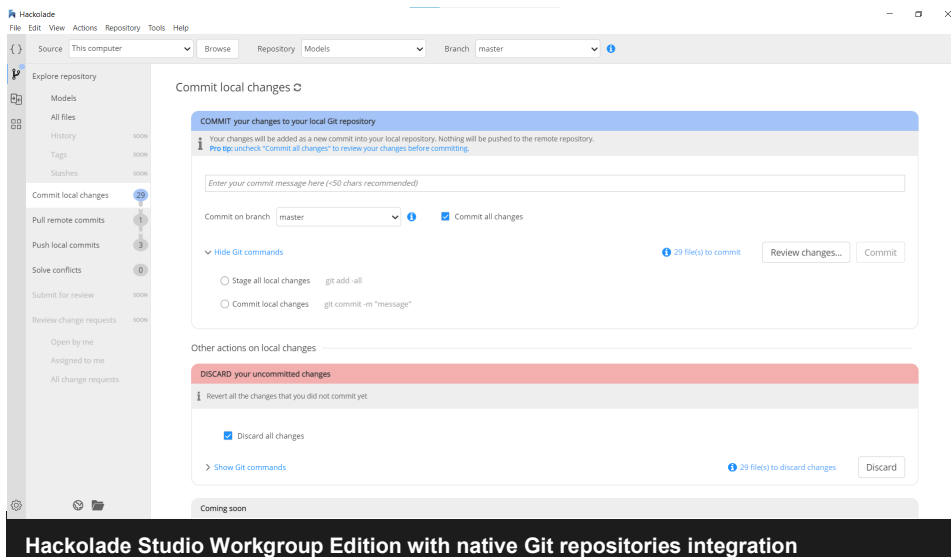
No need for ancient, centralized, proprietary technology to collaborate on data models! You can now easily co-locate data models, schemas, and application code to bridge the gap with development teams and enable Metadata-as-Code automation.

### Business challenges

Data-driven organizations must ensure interoperability of databases and data exchanges in an increasingly complex environment of new technologies and growing data volumes. Application modernization and cloud migrations require that agile teams constantly make data structures evolve without compromise for quality, governance, security, or total cost of ownership.

These challenging and sometimes contradictory goals can only be achieved through close collaboration of IT and business stakeholders and through automated synchronization of technical data structures with data dictionaries.

Data architects, data modelers, and data engineers want to focus on the execution of strategic objectives for their organizations. They require familiar and integrated tools to provide simple and cost-effective solutions for the design and maintenance of their data models and schemas.



### Hackolade Overview

- Pioneer for data modeling of NoSQL databases, storage formats, REST APIs, and JSON in RDBMS.
- Only data modeling solution for MongoDB, Neo4j, Cassandra, Couchbase, Cosmos DB, BigQuery, Databricks, DocumentDB, DynamoDB, Elasticsearch, Glue Data Catalog, HBase, Hive, JanusGraph, MariaDB, MarkLogic, MongoDB, Neptune, Oracle, PostgreSQL, RDS, Redshift, ScyllaDB, Snowflake, SQL Server, Synapse, Teradata, TinkerPop, YugabyteDB, etc.
- Also applies its easy and visual design to Avro, JSON Schema, Parquet, Protobuf, Swagger and OpenAPI, Event-Bridge Schema Registry, and is rapidly adding new targets.

### Company Website

<https://hackolade.com>

### Key Benefits of Solution

- Higher application quality
- Quicker time to market
- Lower development and maintenance costs
- Improved data quality
- Privacy and GDPR compliance
- Documentation and knowledge transfer
- Enhanced integration

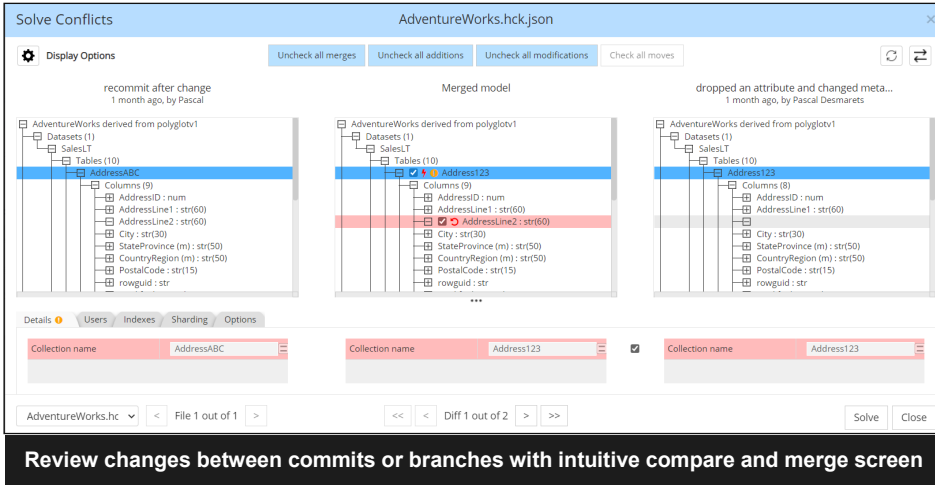
### Features of Solution

- Graphic visualization of complex data structures
- Modeling of JSON nested objects, entities and attributes, and their respective properties
- Different views: ERD, tree, graph
- Library of reusable definitions
- Naming conventions
- Bulk editing in Excel with export/import
- Forward- and Reverse-Engineering
- Generation of scripts, and DDLs
- Model-Driven API generation
- HTML, Markdown, and PDF documentation
- Command-Line Interface
- Assistance in migrating from RDBMS SQL
- Multi-platform application: Windows, Mac, or Linux

### Solution Overview

Hackolade Studio Workgroup Edition provides a modern collaboration solution fully integrated with Git repositories and DevOps CI/CD infrastructures. Key features include:

- Collaborative data modeling and peer review workflow: design better data models by involving team members in a process of change requests and reviews;
- Versioning, branching, and conflict resolution: avoid messy duplications and reconciliations with native Git behavior for parallel evolutions, and leverage user-friendly context-aware review and merge screens
- Change tracking and traceability: easily understand the evolution of files and commits;
- Distributed with offline capabilities for additional flexibility in collaboration;
- Secure software supply chain with user permissions handled through the Git Credentials Manager under Windows, Mac or Linux;
- Integrated with the leading Git hosting services: Azure DevOps, Bitbucket, AWS CodeCommit, GitHub, GitLab;
- Integrated with Jira Software issue and project tracking, the # 1 software development tool used by agile teams to ship early and often.



## Key Vertical Markets

- Banking and Finance
- Government and Education
- Insurance and Healthcare
- E-Commerce and Retail
- Transportation and Airlines
- Broadcasting
- Gaming and Online Casino
- Telcos, IoT, and Technology

## Security

When connecting to database instances for reverse-engineering operations, Hackolade uses authentication and encryption mechanisms, including if applicable: SSL and SSH for cloud instances, LDAP and Kerberos, single sign-on, and AWS, Azure, and Google Cloud authentication..

## For additional information, contact us

Hackolade

<https://hackolade.com>

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## Free 14-day trial

No credit card. Easy setup.

Evaluation extension upon request.

<https://hackolade.com/download.html>

## Major Benefits of Solution

### Increase your data agility

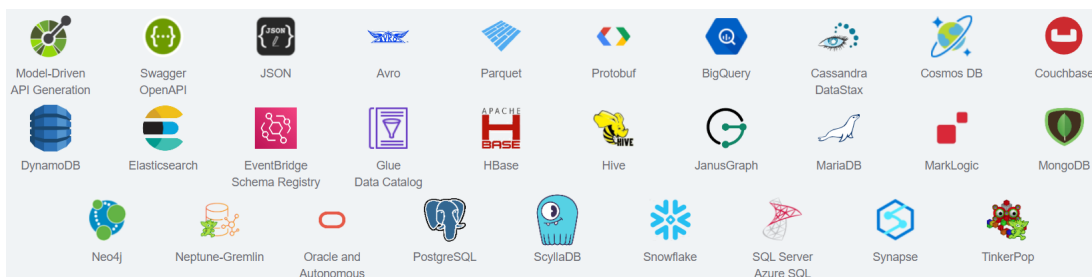
Our data modeling tool lets developers leverage the benefits of dynamic schemas and modern storage models, increase data quality, and consistency, and boost excellence in agile application development. Hackolade dynamically generates DDLs or equivalent and scripts to create entities, relationships, attributes, properties, indexes, and constraints. Model-driven API generation contributes to higher consistency and quality.

### Integrate semi-structured data in your enterprise data governance

The solution enables you to include all of your metadata into a central data dictionary across your different data providers, particularly in the context of compliance with privacy laws and GDPR.

### Turn your data into a conversation

Enhance the dialog between analysts, designers, architects, DBAs, and developers by providing a visual map of the data structure, leading to application design that fits with the business needs and enables better data-driven decisions.



## About Hackolade

Hackolade is the pioneer for data modeling of NoSQL databases, storage formats, REST APIs, and JSON in RDBMS. Hackolade Studio is a next-gen data modeling tool supporting various modern technologies for data-at-rest and data-in-motion.

Hackolade pioneered Polyglot Data Modeling, which is data modeling for polyglot data persistence and data exchanges. With Hackolade's Metadata-as-Code strategy, data models are co-located with application code in Git repositories as they evolve and are published to business-facing data catalogs to ensure a shared understanding of the meaning and context of your data.

Hackolade is headquartered in Brussels, Belgium, and was founded in 2016.

Its products are sold direct on its website. For more information, visit [www.hackolade.com](http://www.hackolade.com)