

Publish Hackolade Data Models to the Collibra Data Dictionary for SQL and NoSQL Databases, APIs, and Storage Formats

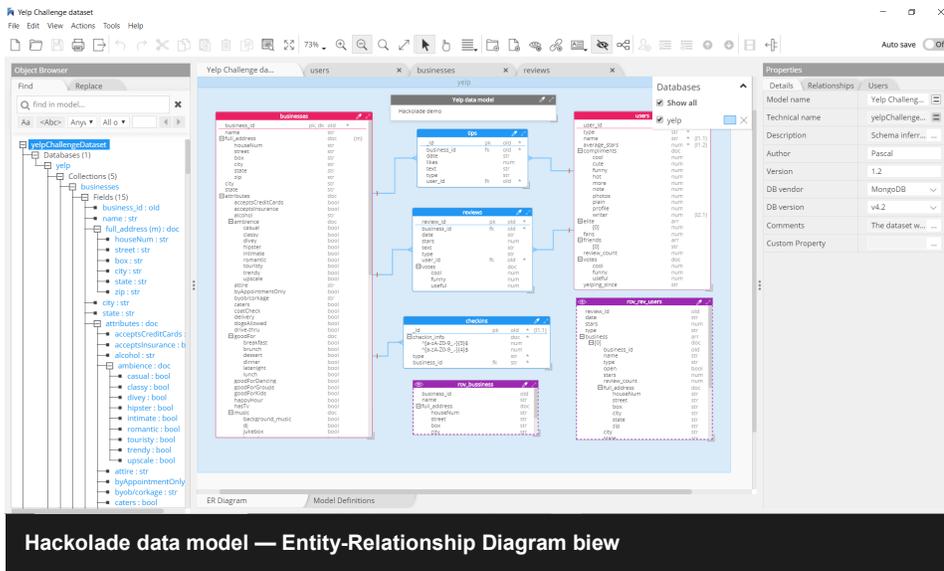
Design a shared understanding of the meaning and context of data

Most organizations see data as central to generating accurate business decisions. But without a data catalog, many organizations struggle to be data-driven because their data is stored in numerous siloed systems. Time is wasted finding, understanding, and accessing data, which slows down analyses and ultimately innovation.

Collibra and Hackolade have teamed up to develop an integration of their solutions so that schema designs performed in Hackolade Studio and visual Entity-Relationship diagrams can be easily deployed to Collibra. Data Citizens add business context to create a unified view of all data assets, no matter the data storage or data exchange technology.

While Collibra is the leader in providing metadata management and data intelligence to business users, Hackolade has pioneered metadata-as-code to facilitate synchronization of schemas across data pipelines in micro-services and event-driven architectures.

The data models representing the structural description of data being transmitted or stored can now be automatically classified and linked to data domains to facilitate understanding and accelerate time to insight.



Hackolade Overview

- Pioneer for data modeling of NoSQL databases and RDBMS, storage formats, and visual design of REST APIs
- Only schema design solution for MongoDB, Neo4j, Cassandra, Couchbase, Cosmos DB, Databricks, DynamoDB, Elasticsearch, Glue, HBase, Hive, JanusGraph, MariaDB, MarkLogic, Neptune, Oracle, PostgreSQL, Redshift, Snowflake, SQL Server, Synapse, Teradata, TinkerPop, YugabyteDB, etc.
- Also applies its easy and visual design to Avro, JSON Schema, YAML, Parquet, Swagger and OpenAPI, Schema Registries for Confluent, Pulsar, Azure Event Hubs, AWS EventBridge, 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

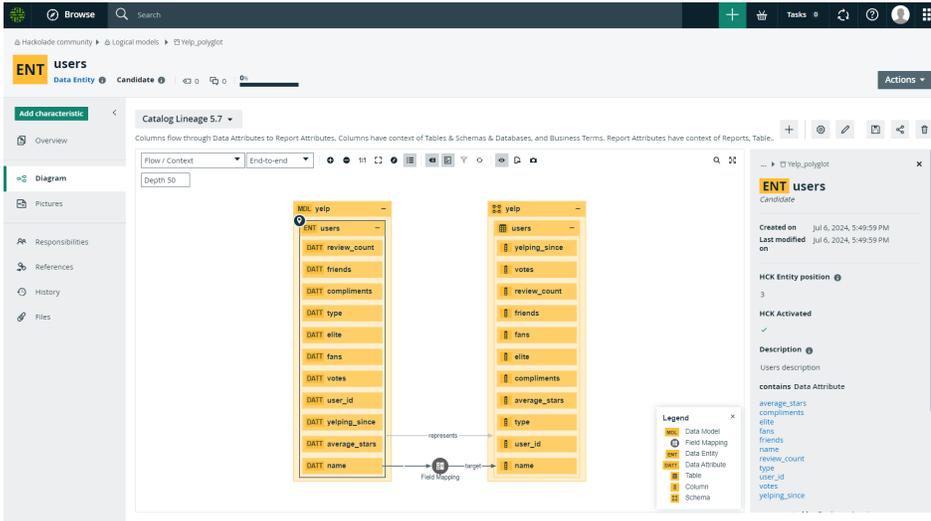
Product Overview

A well-designed, dynamic database schema is like a solid foundation for a house. The data modeling process ensures that architects think through the details of their vision.

The data modeling output, an Entity-Relationship Diagram, then serves as a communication medium to validate the vision and implementation details with application stakeholders, business owners and developers.

Hackolade Studio dynamically generates forward-engineering scripts as you build a data model. It also derives data models based on the reverse-engineering of existing database instances and data lakes, so a data modeler or architect can enrich the model with descriptions, properties, and constraints.

It facilitates agile evolutions, reduces development time, increases application quality, and lowers execution risks across the enterprise.



Lineage between logical/polyglot and physical models is automatically created in Collibra

Major Benefits of the Solution

Boost adoption of Collibra across Business and IT, and achieve faster ROI

Complement Collibra with design capabilities for data structures of databases and data exchanges, automatic creation of lineage relations, plus synchronization across metadata silos.

From business context to metadata-as-code

The integration of Collibra with Hackolade provides an end-to-end solution supporting both business users and technical requirements to allow true self-service analytics and data democratization.

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 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 lets you include all of your metadata into Collibra's data dictionary, and keep the data models in sync with no need for a jobserver or JDBC drivers.

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 Collibra

Collibra is the Data Intelligence company. We accelerate trusted business outcomes by connecting the right data, insights and algorithms to all Data Citizens. Our cloud-based platform connects IT and the business to build a data-driven culture for the digital enterprise. Global organizations choose Collibra to unlock the value of their data and turn it into a strategic, competitive asset. We have a diverse global footprint, with offices in the US, Belgium, Australia, Czech Republic, France, Poland and the UK. For more information, visit collibra.com.

About Hackolade

Hackolade is the pioneer for data modeling of SQL and NoSQL databases, providing a comprehensive suite of data modeling tools for various databases, storage formats and APIs. With schema design for data storage and data exchanges, we enable metadata-as-code to synchronize data structures across data pipelines. The company's software is user-friendly and simple-to-use, yet provides powerful visuals and visual data modeling. Its software tools help analysts, designers, architects, and DBAs involved with data technology achieve greater transparency and control, resulting in reduced development time, increased application quality, and lower execution risks across the enterprise. Hackolade is headquartered in Brussels, Belgium, and was founded in 2016. For more information, visit hackolade.com.

Key Vertical Markets

- Banking and Finance
- Government and Education
- Insurance and Healthcare
- E-Commerce and Consumer Goods
- Transportation and Logistics
- 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

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