

# Software Tree Launches ORM\_Skyway to Automate the Bridge from Relational Databases to AI

*Builds a governed, business-object path from enterprise DBs to AI agents, opening opportunities for AI platforms, data providers, integrators, and developers*

CAMPBELL, CA, UNITED STATES, August 20, 2026 /EINPresswire.com/ -- Software Tree, a provider of Object-Relational Mapping (ORM) and data integration technologies, today announced [ORM Skyway](#), a new automation product designed to make existing relational databases AI-ready.

Enterprise data lives in relational databases organized around tables, columns, keys, and joins, while AI applications reason more naturally in terms of business concepts such as customers, orders, and products.

ORM\_Skyway bridges these worlds. Starting with an existing relational database, on-premises or in the cloud, it reverse-engineers the schema, generates a business object model and its object-relational mapping, packages it as a RESTful microservice, and prepares the connection to AI applications through the Model Context Protocol (MCP).

The result is an AI-ready architecture in which agents interact with curated business objects rather than directly with raw database schemas.

"For decades, our focus at Software Tree has been to free application developers from the complexity of relational database structures by letting them work naturally with business objects," said Damodar Periwal, Founder and CEO of Software Tree. "ORM\_Skyway extends that philosophy all the way to AI. It automatically builds the bridge from the relational database to the AI agent, while giving enterprises control over exactly what business data crosses that



bridge."

Built on Proven ORM Expertise,  
Extended to AI:

ORM\_Skyway constructs the path using three complementary Software Tree technologies: [IDX](#), which provides declarative object-relational mapping (ORM) between relational databases and business objects; Gilhari®, which exposes those business objects as JSON through a Docker-native RESTful microservice; and [ORMCP](#), which provides MCP connectivity so AI agents and other MCP-compatible applications can semantically interact with those objects.



# ORMCP

Bridging AI and Data

ORMCP - An MCP Server Bridging AI With Databases



## Software tree™

*Simplifying Data Integration*

Developer of Object-Relational Mapping (ORM) and data integration technologies designed to bridge relational data with business-object-oriented applications

ORM\_Skyway itself is design-time automation: once it has generated and configured the architecture, its work is complete.

“

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*Ankit Jhalaria, Enterprise AI  
Platform Specialist*

Governance by Construction:

ORM\_Skyway addresses a central challenge in enterprise AI: giving AI useful access to operational data without exposing an entire production database schema. Developers can curate the generated business object model to select which tables, attributes, and relationships are available and introduce business-friendly names and relationships.

What isn't mapped isn't exposed to the AI agent.

This creates a structural governance boundary while

allowing AI to work with meaningful business concepts instead of database implementation details.

ORMCP can also enforce read-only access across an entire deployment for additional control and security.

## From Integration Plumbing to Business Objects:

ORM\_Skyway automates work that would otherwise require developers to reverse-engineer a database, design and map a business object model, build and package a REST service, and configure an MCP interface.

ORM\_Skyway is database-agnostic by design, providing a consistent Database-to-AI approach across different relational database platforms. It works with JDBC-compliant databases and has been verified with PostgreSQL, MySQL, Oracle, SQLite, Microsoft SQL Server, Snowflake, IBM DB2, CockroachDB, and SAP HANA. Support for additional databases is in the pipeline.

## Early User Reactions:

"What I like about ORM\_Skyway is that it tackles one of the harder problems in enterprise AI: giving AI agents useful access to real business data without simply opening up the database. Putting a curated business-object layer between agents and relational data gives the AI a cleaner context to reason with, while giving engineering teams a clear governance boundary. And doing this without having to build and maintain a whole new integration layer for every database makes the approach especially compelling."

— Ankit Jhalaria, Enterprise AI Platform Specialist

"What impressed me was how quickly ORM\_Skyway turned my existing PostgreSQL and CockroachDB schemas into a working object model and REST service, ready to expose to AI agents. I was able to test schema reverse engineering, datatype compatibility, CRUD operations, and Docker deployment without having to build the integration plumbing from scratch. It shifts the focus from manually wiring databases and APIs to deciding how the underlying business objects should be exposed and used by AI."

— Likhith Palya, AI and Database Systems Enthusiast

## Relevance Across the Enterprise AI Ecosystem:

ORM\_Skyway and ORMCP can also serve as building blocks for technology and services providers developing enterprise AI solutions.

AI platform and product vendors can give agents a governed, semantically meaningful interface to enterprise relational data rather than raw database schemas.

Database and data-platform vendors can help customers make existing relational data estates accessible to agentic AI without redesigning the data around AI.

Integration and automation platforms can complement existing connectivity with business-object-oriented access that provides AI agents with business context rather than database-level structures.

Systems integrators and solution developers can reduce custom data-access and integration work while shaping business objects for customer requirements.

"ORM\_Skyway extends Software Tree's long-standing work in object-relational mapping into a repeatable Database-to-AI architecture," said Hira Ranga, COO and Vice President of Strategy at Software Tree. "Enterprises don't need another data migration project to adopt AI — they need a practical way to make the business data they already have accessible to it. We invite technology and services providers to evaluate ORM\_Skyway and ORMCP for their own use cases and explore potential technology integration and collaboration opportunities with us."

#### Availability:

ORM\_Skyway is available without a license fee under its published license terms. JDX, Gilhari, and ORMCP, which provide the runtime infrastructure for an ORM\_Skyway-generated architecture, are available under their respective 30-day trial or beta evaluation licenses.

Developers and organizations can learn more, watch the introductory video, review technical information, and download ORM\_Skyway from the Software Tree website.

#### About Software Tree:

Software Tree is a Silicon Valley-based technology leader that develops Object-Relational Mapping (ORM) and data integration technologies designed to bridge relational data with business-object-oriented applications. Software Tree's groundbreaking technologies have earned multiple patents. It has licensed its ORM products and intellectual property to organizations worldwide, including British Telecom, Los Alamos National Labs, Darden Business School, Xerox, and several Fortune 500 companies. With ORM\_Skyway and ORMCP, Software Tree brings decades of ORM expertise to the AI era, making enterprise data intuitively accessible to AI applications. For more information, visit <https://www.softwaretree.com>

Damodar Periwal

Software Tree

+1 408-282-3606

dperiwal@softwaretree.com

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