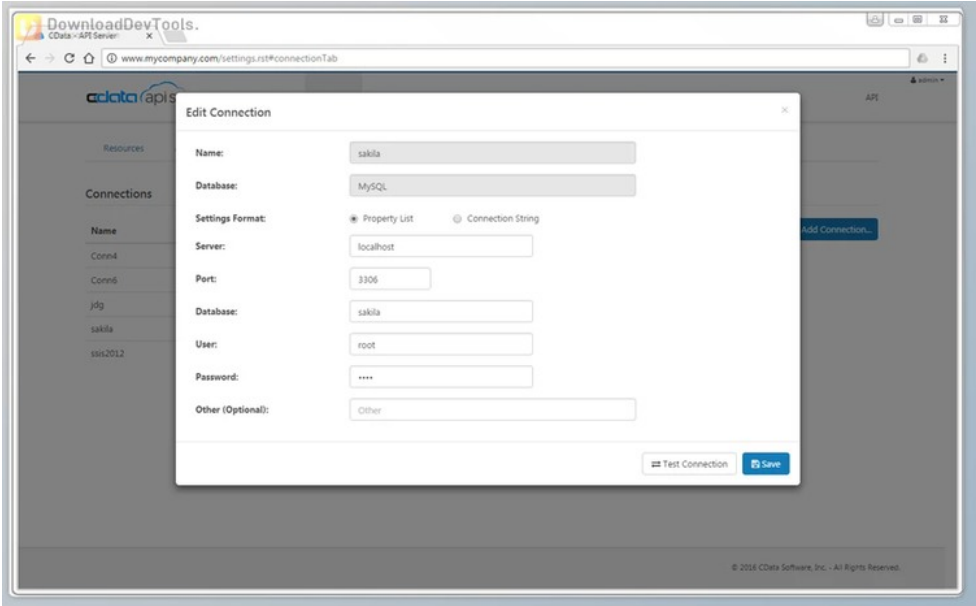# CData API Server v23.0.8731 (27 Nov 2023) for Win + License Key

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CData API Server emerges as a powerful solution for organizations seeking to streamline and simplify data integration processes across a diverse array of applications and services. This robust server-based platform facilitates the creation of RESTful APIs from various data sources, enabling efficient data access and manipulation. CData API Server serves as a central hub for data connectivity, empowering businesses to unlock the full potential of their data by providing a standardized and accessible interface for developers and applications.

The core of the **CData API Server'**s strength is its ability to seamlessly connect with a wide range of data sources, including databases, cloud applications, and on-premises systems. This platform-agnostic approach allows organizations to bridge the gap between disparate data repositories, creating a unified API layer that simplifies data consumption. Whether interacting with SQL databases, NoSQL databases, or cloud-based applications, the CData API Server ensures a consistent and standardized interface for developers, eliminating the complexity of disparate data source integration.

One standout feature of the **CData API Server** is its intuitive and user-friendly design. Organizations can effortlessly configure and manage API endpoints with a web-based administration console, define data models, and establish security parameters. The platform supports various authentication methods, ensuring secure data access, and effectively incorporates role-based access controls to manage user permissions. This simplicity in configuration and management accelerates the process of creating APIs, allowing organizations to focus on maximizing the value of their data.

CData API Server also strongly emphasizes performance and scalability. The platform optimizes data access by providing query optimization and result set pagination features, ensuring efficient data retrieval even from large datasets. Additionally, the server's support for caching mechanisms enhances response times, contributing to a smoother user experience. With scalability in mind, the can handle a growing number of users and applications, making it a reliable choice for organizations with evolving data integration needs.

In conclusion, the **CData API Server** stands as a robust and versatile solution for organizations aiming to simplify data integration and maximize the accessibility of their data. By creating a unified API layer across various data sources, this

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platform facilitates seamless data access and manipulation, empowering developers and applications with a standardized interface. With its user-friendly design, robust performance capabilities, and support for diverse data sources, the CData API Server is a pivotal tool for organizations embarking on their journey toward efficient and streamlined data integration.

Key Features of **CData API Server**:

1. **Connect using Standard Drivers.** CData provides drivers that allow you to connect directly to the API Server from virtually any location. API Server from almost any place.
2. **Connect through OData.** Developer tools are widely compatible with the OData protocol, and various client libraries are available to work with OData, such as .NET, Java, PHP, Objective-C, etc.
3. **Connect through JSON.** Interact with data directly using JSON APIs. Web developers can communicate with JSON and JSONp's entry point, with no client-side requirements other than the standard JavaScript.
4. **Connect to other Modern Web APIs—unbeatable** power and flexibility in connecting to different systems and applications. Many interfaces can be accessed using standard protocols, such as SOAP REST, HTML, ATOM, JSON, XLS, CSV, and More!
5. **Secure Data Access.** The API Server provides robust protection and management of access features, such as integrated monitoring of transactions and data access control. All communications channels are protected with solid SSL security.
6. **High Extensible Design.** The API Server provides various services accessible using standard interfaces, such as SOAP REST HTML, RSS, ATOM, JSON, XLS, and CSV.
7. **Bidirectional access to live Data.** The API Server includes complete Create Read, Update, delete (CRUD) integration with live data back-end.
8. **Expose Data to Salesforce.com.** Salesforce Lightning Connect allows the Salesforce CRM platform to connect to OData services and then expose the information to Salesforce. API Server API Server provides the most straightforward method to connect your existing back office system to Salesforce. Salesforce cloud-based platform.
9. **Connect from SharePoint.** SharePoint external lists can be set up to connect to Data via OData services. You can access data sources through the API Server through SharePoint and SharePoint Online.
10. **Connect from Microsoft Power BI and Excel.** Users can connect Microsoft Power BI directly to OData Sources. Enter your URL for the OData service developed via the API Server, and the program can load the data. The data returned can be used to process and visualize data by anyone, and no developer is needed.
11. **Integrated Data Caching Capabilities.** Innovative caching capabilities offer unbeatable performance and allow the most flexible data access layer for client-facing applications.
12. Fully self-contained. There are no additional components required. It runs as a standalone Web Application embedded within Microsoft IIS or any Java-compatible Web Server to manage from any location securely.
13. **On-Premise or in the Cloud.** Designed to work equally well hosted locally (Windows, Unix / Linux, Mac OS) or in the Cloud (Azure, Amazon, Google). Connect and expose data regardless of the network topology, hardware, or software specifications.

资源列表

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