



CData Drivers for Couchbase v24.0.9060 (21 Oct 2024) All Platforms + License Key

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CData Drivers for Couchbase stand at the forefront of data connectivity solutions, providing developers with a robust and versatile toolset to integrate their applications seamlessly with Couchbase, a robust NoSQL database. Developed by CData Software, these drivers empower organizations to harness the full potential of Couchbase by facilitating efficient data access, retrieval, and manipulation. With a focus on ease of use and optimal performance, CData Drivers for Couchbase are designed to streamline the integration process, allowing developers to unlock the rich features of Couchbase for their applications.

At the core of **CData Drivers for Couchbase** is their ability to establish high-performance connections between applications and Couchbase. Supporting a range of Couchbase versions, these drivers offer compatibility with different programming languages and platforms, allowing developers to incorporate Couchbase seamlessly into their preferred development environment. The drivers facilitate direct SQL access to Couchbase data, enabling developers to leverage familiar SQL queries to interact with and retrieve data from their NoSQL database.

CData Drivers for Couchbase boast advanced features for optimizing data retrieval and manipulation. With support for Couchbase N1QL, developers can execute powerful queries to extract specific data subsets or perform complex aggregations. The drivers also offer efficient data manipulation capabilities, allowing developers to easily insert, update, or delete records in Couchbase. This comprehensive set of functionalities ensures that developers can interact with Couchbase in a manner that aligns with their application's requirements and business logic.

Security and compliance are paramount considerations in data connectivity, and address these concerns comprehensively.



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The drivers implement robust authentication mechanisms, including OAuth and SSL encryption, to secure data transfers between applications and Couchbase. This commitment to security ensures that sensitive data remains protected during transit, meeting industry standards and regulatory requirements. As organizations increasingly prioritize secure data management, CData Drivers for Couchbase stands out as a trustworthy solution for maintaining the integrity and confidentiality of data.

CData Drivers for Couchbase cater to the evolving needs of modern development environments by providing regular updates and support. The drivers are continually enhanced to align with the latest features of Couchbase, ensuring compatibility with evolving technologies. With an intuitive configuration process and thorough documentation, CData Drivers for Couchbase empower developers to efficiently integrate their applications with Couchbase, enabling them to harness the full potential of this robust NoSQL database for enhanced data management and retrieval.

This package includes the following components:

- Couchbase ADO.NET Provider
- Couchbase BizTalk Adapter
- Couchbase Data Cmdlets
- Couchbase FireDAC Components
- Couchbase JDBC Driver
- Couchbase MuleSoft Connector
- Couchbase ODBC Driver
- Couchbase Power BI Connector
- Couchbase SSIS Components
- Couchbase Tableau Connector
- Excel Add-In for Couchbase

Key Features of CData Drivers for Couchbase:

1. **High-Performance Connectivity:** Efficient and high-performance connections between applications and Couchbase databases.
2. **SQL Access to Couchbase:** Direct SQL access to Couchbase data, allowing developers to leverage familiar SQL queries for data retrieval.
3. **Couchbase N1QL Support:** Support Couchbase N1QL (Query Language) for executing powerful queries and data manipulation.
4. **Compatibility Across Platforms:** Compatibility with various programming languages and platforms, providing flexibility for developers.
5. **Version Support:** Compatibility with different versions of Couchbase, ensuring support for the latest features.
6. **Data Retrieval and Manipulation:** Advanced features for efficient data retrieval, insertion, updating, and deletion in Couchbase.
7. **Security Features:** Robust authentication mechanisms, including OAuth support, to secure data transfers.
8. **SSL Encryption:** Implementation of SSL encryption for secure communication between applications and Couchbase.
9. **Flexible Configuration:** Intuitive and user-friendly configuration options for easy setup and integration.
10. **Regular Updates:** Continuous updates to align with the latest features and enhancements in Couchbase.
11. **Comprehensive Documentation:** Thorough documentation to assist developers in the integration process and usage of the drivers.
12. **OAuth Authentication:** Support for OAuth authentication, enhancing the security of data connections.
13. **Compatibility with NoSQL Data Model:** Adherence to the NoSQL data model of Couchbase for effective interaction with unstructured and semi-structured data.
14. **Real-Time Data Interaction:** Real-time data interaction with Couchbase, ensuring that applications work with the latest data.
15. **Adherence to Compliance Standards:** Commitment to security and compliance with industry standards and regulatory requirements.

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