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# dataCompJ Release Notes

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(Feb. 17, 2022)

## 1. Overview

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Altibase dataCompJ is a utility designed to guarantee data consistency between two heterogeneous databases and resolve data inconsistency if any. The main target data for comparing in dataCompJ is replicated data from Altibase to another heterogeneous database using Altibase Adapter for Oracle (oraAdapter) or JDBC Adapter provided by Altibase. dataCompJ compares Altibase with another heterogeneous database on a table-by-table basis, and outputs information on any inconsistency it detects.

Also, it offers an efficient feature for synchronizing two databases in the event of data inconsistency. A proper use of Altibase dataCompJ would be a cornerstone of effective data management with advantageous usability along with its advanced technical performance.

### 1.1 Hardware Requirements

- Main memory: Minimum 512MB, 4GB or more recommended
- Disk: More than 500MB of free space for installation

### 1.2 Supported Operating Systems and Platforms

Mode	JRE
CLI	Oracle, OpenJDK or IBM Java Runtime Environment 8 or higher

dataCompJ is a pure Java-based client application relying on the JAVA Runtime Environment (JRE) instead of the client's hardware or an operating system.

## 2. Release Information

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## 2.1 Version

- 7.2

## 2.2 New Features

- N/A

## 2.3 Bug Fixed

PK	Synopsis
BUG-45222	Requires handling of user-entered object names enclosed in double quotation marks.
BUG-46675	Error message for the unsupported DB JDBC URL should be provided more clearly.
BUG-46689	Need to modify the DB type check routine using the JDBC URL string.
BUG-49501	dataCompJ log4j upgraded to version 2.17.1 due to security issues.

## 2.4 Database Compatibility

### Master Database

- Altibase: Altibase 5.3.3 or higher

### Slave Database

- Oracle: Oracle 9i or higher
- MariaDB: MariaDB 5.5.x or higher

## 2.5 Properties

## 2.6 Error Messages

## 3. Open Source Libraries Used

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dataCompJ is based on the following open-source libraries. The licenses are distributed in a text file format along with dataCompJ.

Library	Open Source License
Apache Commons CLI	<a href="http://commons.apache.org/proper/commons-cli/">http://commons.apache.org/proper/commons-cli/</a> License: Apache License 2.0 ( <a href="http://www.apache.org/licenses/LICENSE-2.0.txt">http://www.apache.org/licenses/LICENSE-2.0.txt</a> )
Apache Commons Lang	<a href="http://commons.apache.org/proper/commons-lang/">http://commons.apache.org/proper/commons-lang/</a> License: Apache License 2.0 ( <a href="http://www.apache.org/licenses/LICENSE-2.0.txt">http://www.apache.org/licenses/LICENSE-2.0.txt</a> )
Apache Commons IO	<a href="http://commons.apache.org/proper/commons-io/">http://commons.apache.org/proper/commons-io/</a> License: Apache License 2.0 ( <a href="http://www.apache.org/licenses/LICENSE-2.0.txt">http://www.apache.org/licenses/LICENSE-2.0.txt</a> )
JDOM	<a href="http://www.jdom.org/">http://www.jdom.org/</a> License: Apache-style Open Source License ( <a href="http://www.jdom.org/docs/faq.html#a0030">http://www.jdom.org/docs/faq.html#a0030</a> )
Log4j	<a href="http://logging.apache.org/index.html">http://logging.apache.org/index.html</a> License: Apache License 2.0 ( <a href="http://www.apache.org/licenses/LICENSE-2.0.txt">http://www.apache.org/licenses/LICENSE-2.0.txt</a> )
Oracle JDBC Driver	<a href="http://www.oracle.com">http://www.oracle.com</a> License: Oracle Free Use Terms and Conditions ( <a href="https://www.oracle.com/downloads/licenses/oracle-free-license.html">https://www.oracle.com/downloads/licenses/oracle-free-license.html</a> )

## 4. Packages

Archive Name
dataCompJ7.2.zip dataCompJ7.2.tar.gz

## 5. Downloads

### 5.1 Packages

<http://support.altibase.com/kr/product>