

Altibase Migration Center 7.13 Release Notes

Release 7.13 (March 20, 2023)

Altibase® Tools & Utilities



Altibase Release Notes Migration Center

Release 7.13

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1. Abstract

1.1 Altibase Migration Center

Migration Center is a database migration tool which enables users to migrate a third-party database to Altibase database and external files or Altibase database to Oracle database in a convenient manner. Typically, the tasks of manual database migration are complicated, time-consuming, and prone to human error. In order to relieve such burden, Migration Center can be utilized providing qualified help for users to efficiently perform database migration with only a few mouse clicks in the Graphic User Interface (GUI) mode. Moreover, it also supports the migration at a Command Line Interface (CLI) mode for optimized resource consumption.

1.2 System Requirements

Minimum Hardware

	GUI mode	CLI mode
Computer processor	800MHz Pentium III or better	Ditto
Computer memory	512 MB or more	Ditto
Computer disk	150MB or more free space	Ditto
Screen resolution	1024 * 768 pixels or higher	-

Supported Operating Systems

Migration Center can be run regardless of OS if it meets the minimum software specifications.

Minimum Software

Migration Center is a pure Java-based client application relying on the JAVA Runtime Environment (JRE) instead of the client's hardware or an operating system. In order to execute Migration Center in the GUI mode, however, additional support for the graphic library of operating system is required.

Mode	JRE	OS Graphic Library
GUI	Sun or IBM Java 8 or higher	Required
CLI	Sun or IBM Java 8 or higher	Not required

1.3 Compatible DBMS

This section introduces the DBMSs and versions that can be migrated using Migration Center 7.13.

The target DBMS is Altibase

Source DBMS	Target DBMS
Altibase 4.3.9 or higher CUBRID 8.4.1 ~ 9.3.5 (ISO-8859-1, UTF-8 charset) Informix 11.50 Microsoft SQL Server 2005 ~ 2012 Oracle Database 9i ~ 11g Oracle MySQL 5.0 ~ 5.7 Oracle TimesTen 7.0, 11.2 Tiberio 4 SP1 ~ 6 PostgreSQL 9.5.3	Altibase 6.5.1 or higher

The target DBMS is Oracle

Source DBMS	Target DBMS
Altibase 4.3.9 or higher	Oracle Database 10g ~ 11g

2. Release Information

This section summarizes new features, fixed bugs, and changes in Migration Center.

2.1 New Features

2.2 Bug-Fixes

BUG-50180 When performing PostgreSQL to Altibase migration, creating a child table that inherits the Serial data type of the parent table fails

PostgreSQL supports inheritance relationship tables. Among the inheritance tables, child tables inheriting the serial data type column belonging to the parent table fail to create the table during migration due to an incorrect sequence reference in the default value of the corresponding column. Modify the inherited serial data type column to create an accurate default value.

BUG-50173 During PostgreSQL constraint migration, a NullPointerException exception occurs in a type that is not supported by Altibase.

During PostgreSQL constraint migration, a NullPointerException exception may occur while processing a type that is not supported by Altibase. Ignore constarint types that are not supported and modify them to pass.

BUG-50160 Incorrect sequence 'start with' value when migrated from PostgreSQL

For sequences that have been used even once in PostgreSQL, the start with value of the migrated sequence may be set incorrectly. Modify it so that it is migrated accurately regardless of whether it is used or not.

3. Open Source Libraries / Royalty-Free Images Used

Open Source Library

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

Library	Open Source License
Apache Commons Codec	Apache License 2.0
Apache Commons Lang	Apache License 2.0
Apache Commons Mathematics	Apache License 2.0
Apache Commons IO	Apache License 2.0
Java Help System	GPL linking exception
JDOM	Apache-style Open Source License
JUniversalChardet	Mozilla Public License Version 1.1
JGraphT	GNU Lesser General Public License
Log4j	Apache License 2.0
OpenCSV	Apache License 2.0
Oracle JDBC Driver	OTN

Royalty-Free Images

Library	Royalty-Free Images
org.eclipse.datatools	www.eclipse.org
asp.net_commercial_free2	www.asp.net
fugue-icons-3.2.3-src	http://code.google.com/p/fugue-icons-src/
Silk Icons 1.3	www.famfamfam.com

4. Packages

The Migration Center installation package is provided in two types (.zip, .gz) files.

- MigrationCenter7.13.zip
- MigrationCenter7.13.tar.gz

5. Download

Package

<http://support.altibase.com>

Manual

[Migration Center User's Manual](#)

Installation

Please refer to the Migration Center User's Manual.