Altibase Migration Center 7.9 Release Notes

(Dec. 31, 2021)

1. Abstract

1.1 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	-

1.2 Supported Operating Systems and Platforms

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

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.

2. Release Information

2.1 Altibase Migration Center 7.9

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.

2.1.1 New Features

- Support Tibero 4 sp1 as source database
- Support OpenJDK12

2.1.2 Bug-Fixes

PK	SYNOPSIS
BUG-47352	Changes in "Partitioned Table Conversion" during the reconcile phase are not kept when returning after next or previous step
BUG-47372	Need to improve type conversion method for local variables in PSM
BUG-47376	Support source DDL with dbms_metadata since Altibase 7
BUG-47381	If the object referenced by a synonym is not a build target, hang occurs in the reconcile stage.
BUG-47402	Support TimesTen direct connection
BUG-47408	Reserved words allowed as column names must be excluded from _poc autoconversion.
BUG-47409	Composite index including a PK column in the source DB is excluded from the migration target with an error in the build phase.
BUG-48340	If the table name includes underscore, the table column with a similar name is also included.
BUG-48672	As of Altibase 7.2, the warning window should not appear even if there is no default partition in the range partition table.
BUG-49467	Support TimesTen 11.2.1.9.10 to Altibase migration
BUG-49499	Upgrade log4j version to 2.17.1 due to its security issue

2.2 Changes

Features that have been added, deleted or updated in Migration Center are listed and explained below.

- Due to security issues, log4j has been updated to the latest version, and the minimum JRE version for running Migration Center is changed from 1.5 to 8.
- Bundled JRE version in Migration Center is updated from 7 to 8 in order to support Altibase 7.2 JDBC that requires JRE 8 or higher.

2.2.1 Version Updates

Migration Center Version

Altibase Migration Center Version
7.9

2.2.2 Database Compatibility

Destination Database: Altibase

- Source Database
    - Altibase : Altibase 4.3.9 or higher
    - ORACLE : Oracle 9i ~ 11g
    - MS-SQL : MS-SQL 2005 ~ 2012
    - MySQL : MySQL 5.0 ~ 5.5
    - Informix : Informix 11.50
    - TimesTen : TimesTen 7.0, TimesTen 11.2
    - CUBRID : CUBRID 8.4.1 ~ 9.3.5 (ISO-8859-1, UTF-8 charset)
    - Tibero : Tibero 4 sp1, 5 ~ 6
- Destination Database
    - Altibase : Altibase 6.5.1 or higher

Destination Database: Oracle

- Source Database
    - Altibase : Altibase 4.3.9 or higher
- Destination Database
    - ORACLE : Oracle 10g ~ 11g

2.2.3 Properties

NONE

2.2.4 Error Messages

NONE

2.3 Open Source Libraries / Royalty-Free Images Used

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

- Open Source Library

Library	Open Source License
Apache Commons Codec	Homepage: http://commons.apache.org/codec/ License: Apache License 2.0(http://www.apache.org/licenses/LICENSE-2.0.txt)
Apache Commons Lang	Homepage: http://commons.apache.org/proper/commons-lang/ License: Apache License 2.0(http://www.apache.org/licenses/LICENSE-2.0.txt)
Apache Commons Mathematics	Homepage: http://commons.apache.org/math/ License: Apache License 2.0(http://www.apache.org/licenses/LICENSE-2.0.txt)
Apache Commons IO	Homepage: http://commons.apache.org/proper/commons-io/ License: Apache License 2.0(http://www.apache.org/licenses/LICENSE-2.0.txt)
Java Help System	Homepage: http://javahelp.java.net/ License: GPL linking exception(http://en.wikipedia.org/wiki/GPL_linking_exception)
JDOM	Homepage: http://www.jdom.org/ License: Apache-style Open Source License(http://www.jdom.org/docs/faq.html#a0030)
JUniversalChardet	Homepage: http://wwwarchive.mozilla.org/projects/intl/UniversalCharsetDetection.html License: Mozilla Public License Version 1.1(http://www.mozilla.org/MPL/1.1/)
JGraphT	Homepage: http://jgrapht.org/ License: GNU Lesser General Public License(http://jgrapht.org/LGPL.html)
Log4J	Homepage: http://logging.apache.org/index.html License: Apache License 2.0(http://www.apache.org/licenses/LICENSE-2.0.txt)
OpenCSV	Homepage: http://opencsv.sourceforge.net/ License: Apache License 2.0(http://www.apache.org/licenses/LICENSE-2.0.txt)
Oracle JDBC Driver	Homepage: http://www.oracle.com License: OTN(http://www.oracle.com/technetwork/licenses/distribution-license152002.html)

- Royalty-Free Images

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

2.4 Packages

JRE	Archive Name
Sun or IBM Java 8 or higher	MigrationCenter7.9.zip MigrationCenter7.9.tar.gz

2.5 Downloads

2.5.1 Packages

http://support.altibase.com

2.5.2 Manual

Migration Center User's Manual

2.5.3 Installation

Please refer to the Migration Center User's Manual.