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# altiShapeLoader Release Notes

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(Oct. 15, 2021)

## 1. Overview

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altiShapeLoader is a tool used to import and export shapefile, which is programmed based on GeoTools, open-source library based on Java.

Importing shapefile means inserting spatial data information such as coordinate information, property information from a shapefile into Altibase database table. Exporting shapefile means creating a shapefile using spatial data information stored in Altibase database table.

### 1.1 System Requirements

#### Hardware Requirements

- Main memory: Minimum 512MB, 4GB or more recommended
- Disk: More than 20MB of free space for installation

#### Software Requirements

- Java: Oracle, OpenJDK or IBM Java Runtime Environment 8 or higher

#### Supported Platforms

- 64bit OS Java can be installed and run

#### Compatible Altibase version

- Altibase 7.1 or higher

## 2. Release Information

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## 2.1 Version

- 1.0

## 2.2 New Features

- First release

## 2.3 Bug Fixed

## 2.4 Properties

## 2.5 Error Messages

## 3. Open Source Libraries Used

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

Library	Version	Open Source License
GeoTools	25.1	Homepage: <a href="https://geotools.org/">https://geotools.org/</a> License: GNU Lesser General Public License( <a href="http://jgraph.t.org/LGPL.html">http://jgraph.t.org/LGPL.html</a> )
hsqldb	1.8.0.1	Homepage: <a href="http://hsqldb.org/">http://hsqldb.org/</a> License: Based on BSD( <a href="http://hsqldb.org/web/hsq!License.html">http://hsqldb.org/web/hsq!License.html</a> )
Apache Commons IO	2.6	Homepage: <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> )
Apache Commons CLI	1.3.1	Homepage: <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 lang3	1.3.1	Homepage: <a href="https://commons.apache.org/proper/commons-lang/">https://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 log4j	2.17.1	Homepage: <a href="https://logging.apache.org/log4j/">https://logging.apache.org/log4j/</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> )

## 4. Packages

Archive Name
altiShapeLoader-1.0.zip altiShapeLoader-1.0.tar.gz

## 5. Downloads

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### 5.1 Packages

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