

# **Adabas Client for Java**

## **Release Notes**

Version 2.0.1

October 2018

This document applies to Adabas Client for Java Version 2.0.1 and all subsequent releases.

Specifications contained herein are subject to change and these changes will be reported in subsequent release notes or new editions.

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# 1 Release Notes

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This document provides you with an overview of the features of Adabas Client for Java Version 2.0.1 that have been introduced or modified since the previous release (Version 2.0).

<a href="#">New Features in Version 2.0.1</a>	New features added in Version 2.0.1.
<a href="#">New Features in Version 2.0</a>	New features added in Version 2.0.
<a href="#">New Features in Version 1.1.2</a>	New features added in Version 1.1.2.
<a href="#">New Features in Version 1.1</a>	New features added in Version 1.1.
<a href="#">Known Restrictions</a>	Known restrictions in this version.



## 2 About this Documentation

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## Document Conventions

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Convention	Description
<b>Bold</b>	Identifies elements on a screen.
Monospace font	Identifies service names and locations in the format <i>folder.subfolder.service</i> , APIs, Java classes, methods, properties.
<i>Italic</i>	Identifies:  Variables for which you must supply values specific to your own situation or environment. New terms the first time they occur in the text. References to other documentation sources.
Monospace font	Identifies:  Text you must type in. Messages displayed by the system. Program code.
{ }	Indicates a set of choices from which you must choose one. Type only the information inside the curly braces. Do not type the { } symbols.
	Separates two mutually exclusive choices in a syntax line. Type one of these choices. Do not type the   symbol.
[ ]	Indicates one or more options. Type only the information inside the square brackets. Do not type the [ ] symbols.
...	Indicates that you can type multiple options of the same type. Type only the information. Do not type the ellipsis (...).

## Online Information and Support

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To get information about fixes and to read early warnings, technical papers, and knowledge base articles, go to the [Knowledge Center](#).

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## **Data Protection**

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## 3 New Features in Version 2.0.1

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The primary change in the release of Adabas Client for Java Version 2.0.1 are bug fixes and performance optimizations Details can be found in the readme.



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## New Features in Version 2.0

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■ Transaction .....	10
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The following new features have been added to Version 2.0 of Adabas Client for Java:

## Support for z/OS CICS

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Adabas Client for Java now works in a z/OS CICS environment.

## Adabas Data Designer Plugin

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Adabas Client for Java delivers an Adabas Data Designer plugin for Eclipse.

## API Refactoring

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Obsolete methods have been removed and various other methods have either been merged into one method or have been set to deprecated. In addition, Natural-like methods are introduced into the Adabas Client for Java API.

## RESTful Interface

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The RESTful server can now insert, update and read binary large objects.

## Transaction

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The use of transactions has been reworked. The class `Transaction` is now obsolete. Instead, use a sequence of different `Request` classes to use transactions inside the Adabas Client for Java API. An example has been added.

## Fixed Problems

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Various problems have been fixed with this version of Adabas Client for Java. For details, please refer to the README file provided with the product.



## 5 New Features in Version 1.1.2

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The primary change in the release of Adabas Client for Java Version 1.1.2 are bug fixes and some minor enhancements. Details can be found in the readme.



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## New Features in Version 1.1

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The following new features have been added to Version 1.1 of Adabas Client for Java:

## Java Conformance and Performance

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The Adabas Client for Java programming interface has been adapted to Java conformance, and has been improved in terms of performance and usability. In addition, the search interface has been reorganized to support the enhanced search functionality. Unfortunately, this has led to some incompatibilities with Adabas Client for Java Version 1.0, which makes it necessary to recompile applications.

## New Approach to Java Logging/Tracing

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With Adabas Client for Java 1.1, the logging mechanism is based on the Simple Logging Facade for Java (SLF4J) framework. The framework is used in all components of Adabas Client for Java. Depending on your requirements, you can use various destination logging frameworks such as log4j, logback, jdk14 logging or simple logging to log or trace Java Client for Java. For further information on SLF4J, please refer to the web page <http://www.slf4j.org/>.

## Super Descriptor/Subdescriptor Support

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With Version 1.1, Adabas Client for Java is able to administrate subdescriptors and super descriptors in the Adabas Data Designer. The subdescriptors and super descriptors can now be used in search queries.

A new example program, *SuperdescriptorSearchExample*, that supports this feature is included as part of the delivery.

## Mainframe EBCDIC Support

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Access from Linux/Unix/Windows platforms to non-UES enabled Adabas mainframe databases has been improved.

## **Adabas Data Designer**

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Some problems that occurred during FDT creation and Adabas Client for Java Map management have been fixed. The Adabas Data Designer can now handle FDTs that contain subdescriptors and superdescriptors, as well as other specific descriptors such as phonetic or hyperdescriptors.

Adabas Client for Java maps that contain super descriptors and subdescriptor fields can also be created.

## **Problems fixed with this Release**

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A number of problems have been fixed with this Adabas Client for Java Version 1.1. For further details, please refer to the README file provided with the product.

## **Java Runtime 1.8**

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Adabas Client for Java Version 1.1 requires Java Runtime V1.8 or higher.



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## Known Restrictions

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## Adabas Client for Java Rest Server

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The Adabas Client for Java Rest server performs HTTP request-specific operations. The session is not stored, and no transaction-similar information is saved between HTTP Rest server requests.

## Adabas Data Designer

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In this version, it is not possible to change the long names of subdescriptors or superdescriptors in existing maps.



**Note:** Please note that the Adabas Data Designer is only available on Windows and Linux (Intel) platforms; other platforms can be configured with the Data Designer via Entire Net-Work.