

Changes in This Release for Oracle Database Java Developer's Guide

This preface contains:

- [Changes in Oracle Database 23ai](#)

Changes in Oracle Database 23ai

The following are the changes in the *Oracle Database Java Developer's Guide* for Oracle Database Release 23ai.

New Features

This section lists the new features in this release.

- Support for JDK 11, including modules
- Access to HTTP and TCP, While Disabling Other OS Calls
See [Database Security in a Multitenant Environment](#)
- Enhancement to the Oracle JVM Web Services Call-Out Utility
[About Using Oracle JVM Web Services Call-Out Utility](#)
- FIPS Support
See [FIPS Support](#)

Deprecated Features

Starting with Oracle Database 23ai, the SQLJ method of embedding SQL statements in Java code is deprecated. In place of SQLJ, Oracle recommends you directly use the Java Database Connectivity (JDBC) APIs (dynamic SQL, prepared statements or PL/SQL blocks).