

Oracle AI Database Examples Installation Guide

This document describes how to install and configure the products available with Oracle AI Database Examples.

- [Products Available with Oracle AI Database Examples](#)
- [Preinstallation Considerations](#)
- [Accessing the Installation Software](#)
- [About Installing Oracle AI Database Examples](#)
- [Set Up Java Access Bridge to Implement Java Accessibility](#)

Products Available with Oracle AI Database Examples

These sections describe the products that are installed.

You must install the following products in an existing Oracle AI Database 26ai Oracle home:

- [Oracle AI Database Examples](#)
- [Oracle Text Knowledge Base](#)

Oracle AI Database Examples

Oracle AI Database Examples include a variety of examples and product demonstrations that you can use to learn about the products, options, and features of Oracle AI Database.

Many of these examples are designed to work with the sample schemas, which you can install in any Oracle AI Database. Many documents in the Oracle Documentation Library use the example programs and scripts provided with the Oracle AI Database Examples.

This section contains the following topics:

- [About Oracle Data Mining Demos](#)
- [About Oracle Globalization Support Demos](#)

- [About Oracle Precompiler Demos](#)
- [About Oracle Spatial and Graph Demos](#)
- [About Oracle Internet Directory Client Demos](#)
- [About Oracle XML Demos](#)
- [About Oracle Call Interface Demos](#)
- [About Oracle C++ Call Interface Demos](#)
- [About Oracle ODBC Companion](#)

About Oracle Data Mining Demos

Oracle Data Mining Demos include Data Mining sample programs that can help you in learning about Oracle Data Mining APIs.

The Data Mining sample programs illustrate typical approaches to data preparation, algorithm selection, algorithm tuning, testing, and scoring. Each program creates a mining model in the database. All the programs include extensive inline comments to help you understand the code.

Related Topics

- *Oracle Machine Learning for SQL User's Guide*

About Oracle Globalization Support Demos

Oracle Globalization Demos showcase the features and APIs of the Oracle Globalization Development Kit.

Oracle Globalization Development Kit (GDK) offers a complete framework to ease the development of globalized internet applications. The GDK Example demo illustrates individual functionalities such as, locale-sensitive data formatting, linguistic sorting, locale mapping, locale determination, and language detection. The Oracle Store demo illustrates how the GDK features can be integrated to build a complete multilingual J2EE web application that serves users with vastly different locale preferences.

Related Topics

- *Oracle AI Database Globalization Support Guide*

About Oracle Precompiler Demos

Oracle Precompiler Demos show application programmers how to embed SQL operations in C/C++ and COBOL code in a way that is compatible with ANSI standard.

A Pro*C program is a C program containing embedded SQL statements. Oracle Pro*C/C++ and Pro*COBOL Demos offer extensions to support dynamic SQL operations, which are operations that can change in real time. It is also possible to use dynamic SQL operations through PL/SQL code (known as anonymous PL/SQL block) with a Pro*C/C++ and Pro*COBOL application. Typical applications contain much more static SQL than dynamic SQL. The precompiler translates each embedded SQL statement into calls to the Precompiler run-time library (SQLLIB).

Related Topics

- *Pro*C/C++ Developer's Guide*
- *Pro*COBOL Developer's Guide*

About Oracle Spatial and Graph Demos

Oracle Spatial and Graph Demos provide SQL schema and functions that facilitate the storage, retrieval, update, and query of collections of spatial features in an Oracle AI Database.

Oracle Spatial and Graph is an integrated set of functions and procedures that enables spatial data to be stored, accessed, and analyzed quickly and efficiently in an Oracle AI Database. Spatial data represents the essential location characteristics of real or conceptual objects as those objects relate to the real or conceptual space in which they exist.

Related Topics

- *Oracle Spatial Developer's Guide*
- *Oracle Spatial GeoRaster Developer's Guide*
- *Oracle Spatial Topology and Network Data Model Developer's Guide*

About Oracle Internet Directory Client Demos

Oracle Internet Directory Client Demos show application programmers how to use LDAP C and PL/SQL APIs.

All LDAP operations based on the C API, require clients to establish an LDAP session with the LDAP server. For LDAP operations based on the PL/SQL API, a database session must first initialize and open an LDAP session. The DBMS_LDAP package enables PL/SQL applications to access data located in LDAP servers. The names and syntax of the function calls are similar to those of the C API.

Related Topics

- [*Oracle Fusion Middleware Application Developer's Guide for Oracle Identity Management*](#)

About Oracle XML Demos

Oracle XML Demos showcase the features of the Oracle XML Developer's Kit (XDK), which is a versatile set of components that enables you to build and deploy C, C++, and Java software programs that process XML.

Related Topics

- *Running Oracle XML Developer's Kit JavaBean Demo Programs*
- *Using the XML C++ Class Generator Examples*
- *Using the XML Parser Command-Line Utility: Example*

About Oracle Call Interface Demos

Oracle Call Interface (OCI) demos include sample C programs to use the OCI APIs.

These programs provide examples of the data types, calling conventions, syntax, and semantics of C.

Related Topics

- *Oracle Call Interface Developer's Guide*

About Oracle C++ Call Interface Demos

Oracle C++ Call Interface (OCCI) demos provide database access APIs for applications written in C++. The control classes enable the applications to connect to the database and create resources like statements and resultsets. The data classes contain various types of data. The object classes and methods provide a navigational interface to access and manipulate objects. The Object Type Translator (OTT) can be used to generate the C++ class headers for the data types defined in Oracle AI Database. The installed demos illustrate the use of classes and methods for OTT and OCCI.

Related Topics

- *Oracle C++ Call Interface Developer's Guide*

About Oracle ODBC Companion

Oracle ODBC Driver demos provide basic structure of an ODBC application which can be extended to make a full-fledged ODBC application.

ODBC being a standard, plenty of sample applications may be found in books which discuss the concept of ODBC driver. For Oracle ODBC Driver specific options, see Help while setting up Data Source Name on Windows.

Related Topics

- *Oracle AI Database Administrator's Reference for Linux and UNIX-Based Operating Systems*

Oracle Text Knowledge Base

Oracle AI Database Examples install two Oracle Text knowledge bases, English and French. You can extend the supplied knowledge bases depending on your requirements. Alternatively, you can create your own knowledge bases, in languages other than English and French.

Related Topics

- *Oracle Text Reference*

Preinstallation Considerations

The requirements for installing Oracle AI Database Examples are as follows:

- [Free Disk Space](#)
- [Required Products](#)

Free Disk Space

Verify that the file system that contains the Oracle home directory has at least:

- 800 MB of free disk space on UNIX systems.
- 5.43 GB of free disk space on Windows systems.

The following topics contain details about determining free disk space on UNIX and Windows platforms:

- [Determining Free Disk Space on UNIX Platforms](#)
- [Determining Free Disk Space on Windows Systems](#)

Determining Free Disk Space on UNIX Platforms

Explains how to check free disk space on UNIX platforms.

Use the following command to check that the Oracle home directory has enough space:

- `df -k oracle_home_path`

where *oracle_home_path* is the path to the Oracle home directory.

Determining Free Disk Space on Windows Systems

Explains how to determine free disk space on Windows systems.

Perform the following steps to check that the Oracle home directory has enough space:

1. Double-click **My Computer**.
2. Right-click the drive where the Oracle software is to be installed.
3. Select **Properties**.

Required Products

Explains the products that are required to use Oracle AI Database Examples.

Before you can use the Oracle AI Database Examples, you must install the sample schemas in an Oracle AI Database. When you install Oracle AI Database, or use Database Configuration Assistant to create a database, you can choose to include the sample schemas. You can also manually install the sample schemas in an existing database.

Note

Starting with Oracle Database 21c, all sample schemas are distributed on GitHub:

Oracle AI Database Sample Schemas

Identifying the Oracle Home Directory

Explains how to identify the Oracle home directory used by the Oracle AI Database installation.

Before you extract products from Oracle AI Database Examples, you must ensure that your system has access to an Oracle AI Database 26ai Oracle home. If required, you must first install or upgrade to this release of Oracle AI Database.

Identify the Oracle home directory used by the Oracle AI Database installation.

On UNIX platforms, the `oratab` file is located in the `/etc` directory or in the `/var/opt/oracle` directory. Use the `more` command to check the contents of the `oratab` file. For example:

```
# more /etc/oratab
```

On Windows platforms:

1. From the Start menu, choose **Programs**, then **Oracle - HOME_NAME**, then **Oracle Installation Products**, then **Universal Installer**.
2. When the Welcome screen appears, click **Installed Products**.
The Inventory screen appears, listing all of the Oracle homes on the system and the products installed in each Oracle home.
3. On the Inventory screen, expand each Oracle home and locate **Oracle AI Database 26ai**.
4. Click **Close** and then **Cancel** to exit Oracle Universal Installer.

Related Topics

- *Oracle AI Database Installation Guide*

Downloading Oracle AI Database Examples

You must download and extract the Oracle AI Database Examples zip file in the existing 26ai Oracle home to view the product demonstrations.

1. Go to the Oracle AI Database 26ai download page on Oracle Technology Network:
<https://www.oracle.com/database/technologies/oracle-database-software-downloads.html>

2. Select the **See All** link, and then select the Oracle AI Database Examples zip file under the heading Oracle AI Database 26ai Examples.
3. Download the Oracle AI Database Examples zip file to a temporary location like `/tmp` directory or folder.

About Installing Oracle AI Database Examples

Oracle AI Database Examples installs the product demonstrations in the Oracle home directory and the SQL scripts for the sample schemas in the `$ORACLE_HOME/demo/schema` directory. To use these product demonstrations, you must install the sample schemas in the database. If the sample schemas are not included during an Oracle AI Database installation or during database creation using Database Configuration Assistant, then you can manually install them by running the SQL scripts.

Use one of the following methods to install Oracle AI Database Examples:

- [Extracting Oracle AI Database Examples](#)
- [About demo Directories in Read-Only Oracle Homes](#)

Related Topics

- *Manually Installing Sample Schemas*

Extracting Oracle AI Database Examples

You must extract the Oracle AI Database Examples zip file in the existing Oracle AI Database 26ai Oracle home.

Perform the following steps to extract Oracle AI Database Examples:

1. Log in to the computer where Oracle AI Database 26ai is installed.
On UNIX platforms, log in as the Oracle software owner user (`oracle`).
On Windows platforms, log in as an Administrator or as a member of the Administrators group to the computer on which you want to install Oracle components. If you are installing on a Primary Domain Controller (PDC) or a Backup Domain Controller (BDC), log on as a member of the Domain Administrators group.
2. Verify that the Oracle AI Database that you plan to use is accessible.
Refer to [“Accessing the Installation Software”](#) for details.
3. Navigate to the directory where you downloaded the Oracle AI Database Examples zip file. See, [Downloading Oracle AI Database Examples](#).
4. Extract the contents of the zip file to the existing Oracle AI Database 26ai Oracle home.
5. The Oracle AI Database Examples examples and product demonstrations are now available in the Oracle home.

About demo Directories in Read-Only Oracle Homes

With Oracle AI Database 26ai, you can configure an Oracle home in read-only mode after you have performed a software-only Oracle AI Database installation.

If you have configured a read-only Oracle home, then you must copy some demo directories from ORACLE_HOME to ORACLE_BASE_HOME.

For more information, see [Enabling a Read-Only Oracle Home and Copying demo Directories to Oracle Base Home](#).

Set Up Java Access Bridge to Implement Java Accessibility

Install Java Access Bridge so that assistive technologies on Microsoft Windows systems can use the Java Accessibility API.

Java Access Bridge is a technology that enables Java applications and applets that implement the Java Accessibility API to be visible to assistive technologies on Microsoft Windows systems.

Refer to *Java Platform, Standard Edition Accessibility Guide* for information about the minimum supported versions of assistive technologies required to use Java Access Bridge. Also refer to this guide to obtain installation and testing instructions, and instructions for how to use Java Access Bridge.

Related Topics

- [Java Platform, Standard Edition Java Accessibility Guide](#)

Oracle AI Database Database Examples Installation Guide , 26ai
G43934-01

Copyright © 2011, 2025, Oracle and/or its affiliates. All rights reserved.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this is software, software documentation, data (as defined in the Federal Acquisition Regulation), or related documentation that is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, then the following notice is applicable:

U.S. GOVERNMENT END USERS: Oracle programs (including any operating system, integrated software, any programs embedded, installed, or activated on delivered hardware, and modifications of such programs) and Oracle computer documentation or other Oracle data delivered to or accessed by U.S. Government end users are "commercial computer software," "commercial computer software documentation," or "limited rights data" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, the use, reproduction, duplication, release, display, disclosure, modification, preparation of derivative works, and/or adaptation of i) Oracle programs (including any operating system, integrated software, any programs embedded, installed, or activated on delivered hardware, and modifications of such programs), ii) Oracle computer documentation and/or iii) other Oracle data, is subject to the rights and limitations specified in the license contained in the applicable contract. The terms governing the U.S. Government's use of Oracle cloud services are defined by the applicable contract for such services. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

Oracle®, Java, MySQL, and NetSuite are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Inside are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Epyc, and the AMD logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group.

This software or hardware and documentation may provide access to or information about content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services unless otherwise set forth in an applicable

agreement between you and Oracle. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services, except as set forth in an applicable agreement between you and Oracle.