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Oracle Instant Client



Free, light-weight, and easily installed Oracle Database tools, libraries and SDKs for building and connecting applications to an Oracle Database instance

Oracle Instant Client enables applications to connect to a local or remote Oracle Database for development and production deployment. The Instant Client libraries provide the necessary network connectivity, as well as basic and high end data features, to make full use of Oracle Database. It underlies the Oracle APIs of popular languages and environments including Node.js, Python and PHP, as well as providing access for OCI, OCCI, JDBC, ODBC and Pro*C applications. Tools included in Instant Client, such as SQL*Plus and Oracle Data Pump, provide quick and convenient data access.

[Partners](#) can benefit greatly from being able to bundle Instant Client in their applications.

New! Instant Client 12.2 is available

Oracle Instant Client 12.2 is available on many platforms. This brings the latest and greatest Oracle functionality to applications.

New! Instant Client is available on the Docker Store

A Docker image with the Basic, SDK and SQL*Plus packages is available on the [Docker Store](#) or from the [Oracle Container Registry](#).

Instant Client Downloads

Instant Client is provided under a separate [Oracle Technology Network License Agreement](#) that allows most licensees to download, redistribute, deploy in production environments, and provide third party training and instruction on the use of Oracle Instant Client, without charge. Please consult the license agreement and your legal department for clarification, if necessary.

- [Instant Client for Microsoft Windows \(x64\)](#)
- [Instant Client for Microsoft Windows \(32-bit\)](#)
- [Instant Client for Mac OS X \(Intel x86\) \(32-bit and 64-bit\)](#)
- [Instant Client for Mac OS X \(PPC\)](#)
- [Instant Client for Linux x86-64](#)
- [Instant Client for Linux x86](#)
- [Instant Client for Linux AMD64 \(32-bit and 64-bit\)](#)
- [Instant Client for Linux on Power Big Endian \(32-bit\)](#)
- [Instant Client for Linux on Power Big Endian \(64-bit\)](#)
- [Instant Client for Linux on Power Little Endian \(64-bit\)](#)
- [Instant Client for z/Linux \(31-bit and 64-bit\)](#)

- [Instant Client for Solaris Operating System \(SPARC\) \(64-bit\)](#)
- [Instant Client for Solaris Operating System \(SPARC\) \(32-bit\)](#)
- [Instant Client for Solaris x86](#)
- [Instant Client for Solaris x86-64](#)
- [Instant Client for HP-UX PA-RISC \(64-bit\)](#)
- [Instant Client for HP-UX PA-RISC \(32-bit\)](#)
- [Instant Client for AIX \(PPC64\)](#)
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- [Instant Client for Microsoft Windows 64-bit Itanium](#)
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Instant Client Packages

Instant Client Package	Description	References
Basic	All files required to run OCI, OCCI, ODBC, and JDBC-OCI applications for Oracle Database	OCI OCCI JDBC-OCI
Basic Light	Smaller version of the Basic package, with only English error messages and Unicode, ASCII, and Western European character set support	OCI OCCI JDBC-OCI
SDK	Additional header files and an example makefile for developing OCI and OCCI applications	
SQL*Plus	Additional package providing the SQL*Plus command-line tool for executing SQL and PL/SQL statements and scripts	SQL*Plus
Tools	Additional tools including Data Pump, SQL*Loader and Workload Replay Client	Data Pump and SQL*Loader WRC
ODBC	Additional libraries providing ODBC	ODBC
Precompilers	Additional tools and libraries providing the Pro*C and Pro*COBOL precompilers	Pro*C Pro*COBOL
JDBC-OCI Supplement	Additional libraries to support Internationalization	JDBC-OCI

Instant Client Installation Overview

General Instant Client installation steps are:

1. Download the desired Instant Client packages for your platform. All installations require either the Basic or Basic Light package.
2. Unzip the packages into a single directory such as "instantclient_12_2".
3. Set your environment's library loading path (for example LD_LIBRARY_PATH on Linux, or PATH on Windows) to the directory created in Step 2.
4. Start your application.

Refer to any detailed instructions on the download page of your platform for more information.

More Information

[Installing Oracle Instant Client for Development on Linux](#) (video)

[FAQ](#)

[Whitepaper: Instant Client Overview](#)

Related Technologies

[OCI](#) | [OCCI](#) | [JDBC](#) | [ODBC](#) | [Node.js](#) | [PHP](#) | [Python](#) | [Ruby](#) - Developer Centers

[OCI](#) | [JDBC](#) | [ODBC](#) - Discussion Forums

Other Developer Resources

[@ghrd](#) and [blogs.oracle.com/opal](#) - Christopher Jones on drivers and development

[VirtualBox](#) - Desktop virtualization

[Database App Development VM](#) - Prebuilt VirtualBox VM with Oracle Database 12c installed

[Oracle Database 12c](#) and [Oracle Database "XE" Express Edition](#) - Free Developer Downloads

[Oracle Linux](#) - Free yum repository server, with the latest errata

[Database Migration Technology](#)

[Oracle Database 12c Application Development](#) - More great technologies

[Scripting Languages](#) - Using Node.js, PHP, Python and Ruby with Oracle Database

[Oracle Database Cloud Service](#)

[Oracle REST Data Services \(formerly APEX Listener\)](#)

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