

Toplink IBM Websphere Setup
Oracle Banking Corporate Lending
Release 14.7.0.0.0
[Nov] [2022]



Table of Contents

1. INTRODUCTION	2
1.1 BACKGROUND	2
1.2 ORGANIZATION OF THE DOCUMENT	2
1.3 REFERENCES.....	2
2. DOWNLOADING TOPLINK 12C	3
3. INSTALLING TOPLINK 12C	4
4. CONFIGURING TOPLINK 12C	5
5. PACKAGE ECLIPSELINK IN THE APPLICATION EAR	6

1. Introduction

1.1 Background

This document describes the steps to download & install TopLink 12c (12.1.3) and to configure the system to implement JPA 2.0 using TopLink for persistence with IBM WebSphere Application Server.

This document will be base-lined after completing the review by peers & experts. The review comments will be incorporated before the document is base-lined.

The audience for this document will be the development groups of FLEXCUBE UBS.

1.2 Organization of the Document

The first chapter of this document gives an introduction with brief background and organization of the document.

Chapter two onwards describes the steps to download, install & configure TopLink 12c.

1.3 References

<https://docs.oracle.com/middleware/1213/toplink/solutions/websphere.htm#TLADG736>

2. Downloading TopLink 12c

Download TopLink from:

<http://www.oracle.com/technetwork/middleware/toplink/downloads/index.html>

The screenshot shows the Oracle TopLink Software Downloads page. The page has a navigation bar with the Oracle logo and links for Account, Sign Out, Help, Country, Communities, I am a..., I want to..., and a Search box. Below the navigation bar is a breadcrumb trail: Oracle Technology Network > Middleware > TopLink > Downloads. The main content area is titled "Oracle TopLink Software Downloads" and includes a sub-header "Oracle TopLink 12c (12.1.3) is now available for download." A red box highlights this announcement. Below the announcement, there is a list of downloads for Oracle TopLink 12c (12.1.3), 12c (12.1.2), 12c (12.1.1), and 11g Release 1 (11.1.1.6.0). The list includes the download name, size, and a link to the download. A red box highlights the "TopLink 12.1.3 Installer (83 MB, self extracting jar)" download. On the right side of the page, there is a "Popular Downloads" section with links to various Oracle products, and a "More Middleware Downloads" section with a link to "VM Templates for Middleware". At the bottom right, there is an "Oracle Cloud" banner with a "Get Started" button.

plink/downloads/index.html

Welcome Adarsh

Account Sign Out Help Country Communities I am a... I want to... Search

Products Solutions Downloads Store Support Training Partners About OTN

Oracle Technology Network > Middleware > TopLink > Downloads

Overview Downloads Documentation Community Learn More

Oracle TopLink Software Downloads

Oracle TopLink 12c (12.1.3) is now available for download.

Downloads include the complete Oracle TopLink product in a platform independent format.

You must accept the OTN License Agreement to download this software.
[Accept License Agreement](#) [Decline License Agreement](#)

- Oracle TopLink 12c (12.1.3)
 - TopLink 12.1.3 Installer (83 MB, self extracting jar)
 - See the TopLink 12.1.3 Solutions Guide for installation instructions.
- Oracle TopLink 12c (12.1.2)
 - TopLink 12.1.2 Installer (80 MB, self extracting jar)
 - See the TopLink 12.1.2 Solutions Guide for installation instructions.
- Oracle TopLink 12c (12.1.1)
 - toplink.zip (25 MB)
- Oracle TopLink 11g Release 1 (11.1.1.6.0)
 - toplink_en.zip (57 MB)
 - toplink.zip (125 MB)
- Oracle TopLink 11g Release 1 (11.1.1.5.0)
 - toplink_en.zip (56,255,989 bytes)

Popular Downloads

- Berkeley DB
- Enterprise Manager
- Database EE and XE
- Developer VMs
- Enterprise Pack for Eclipse
- Java
- JDeveloper and ADF
- Oracle Linux and Oracle VM
- MySQL
- NetBeans IDE
- NoSQL Database
- Solaris
- SQL Developer
- VirtualBox
- WebLogic Server

More Middleware Downloads

- VM Templates for Middleware

Oracle Cloud

Get Started

ORACLE CLOUD

3. Installing TopLink 12c

- Open command prompt as administrator
- Set path variable with JDK 7
- Run the following command to run the installer:

`'java -jar <downloaded path>\toplink_quick_121300.jar'`

```
Administrator: C:\Windows\System32\cmd.exe
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\windows\system32>cd d:\toplink
D:\toplink>set path=%path%;D:\ELCM\jdk1.7.75\bin;
D:\toplink>java -jar d:\toplinkjar\toplink_quick_121300.jar
Launcher log file is C:\Users\snaren\AppData\Local\Temp\OraInstall12015-11-19_05-46-57PM\launcher2015-11-19_05-46-57PM.log
Extracting files.....
Starting Oracle Universal Installer

Checking if CPU speed is above 300 MHz.    Actual 2527    Passed
Checking swap space: must be greater than 512 MB    Passed
Checking if this platform requires a 64-bit JVM.    Actual 64    Passed (64-bit not required)

Preparing to launch the Oracle Universal Installer from C:\Users\snaren\AppData\Local\Temp\OraInstall12015-11-19_05-46-57PM
Log: C:\Users\snaren\AppData\Local\Temp\OraInstall12015-11-19_05-46-57PM\install12015-11-19_05-46-57PM.log
Copyright (c) 1996, 2014, Oracle and/or its affiliates. All rights reserved.
Starting check : CertifiedVersions
Expected result: One of 6.0.6.1.6.2
Actual Result: 6.1
Check complete. The overall result of this check is: Passed
CertifiedVersions Check: Success.
Starting check : CheckJDKVersion
Expected result: 1.7.0_15
Actual Result: 1.8.0
Check complete. The overall result of this check is: Passed
CheckJDKVersion Check: Success.
Validations are enabled for this session.
Verifying data.....
Copying Files....
You can find the log of this install session at:
C:\Users\snaren\AppData\Local\Temp\OraInstall12015-11-19_05-46-57PM\install12015-11-19_05-46-57PM.log
-----20%-----40%-----60%-----80%-----100%

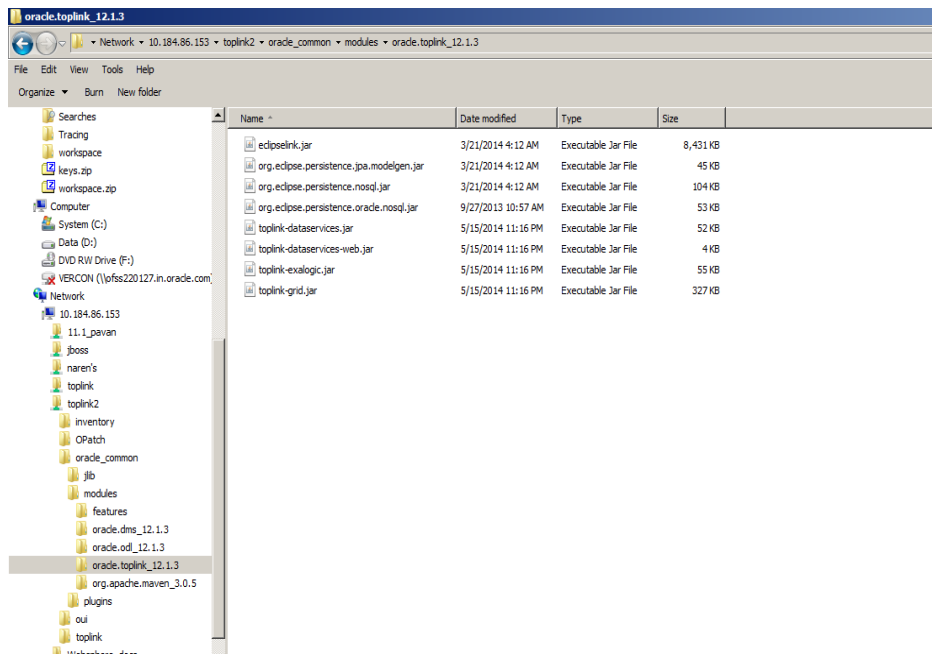
The installation of TopLink Quick 12.1.3.0.0 completed successfully.
Java HotSpot(TM) 64-Bit Server VM warning: ignoring option MaxPermSize=512m; support was removed in 8.0
Logs successfully copied to C:\Program Files (x86)\Oracle\Inventory\logs.
```

4. Configuring TopLink 12c

Create a global shared library containing the following file:

- a) eclipselink.jar

Find this file in the
'TOPLINK_INSTALLATION\oracle_common\modules\oracle.toplink_ver_no' directory created
by the TopLink quick installer.



5. Package EclipseLink in the Application EAR

- Add eclipselink.jar to the application EAR in the following location : EAR_archive/APP-INF/lib/
- Deploy and start the application



Toplink IBM Websphere Setup
[Nov] [2022]
Version 14.7.0.0.0

Oracle Financial Services Software Limited
Oracle Park
Off Western Express Highway
Goregaon (East)
Mumbai, Maharashtra 400 063
India

Worldwide Inquiries:
Phone: +91 22 6718 3000
Fax: +91 22 6718 3001
<https://www.oracle.com/industries/financial-services/index.html>

Copyright © [2007], [2022], Oracle and/or its affiliates. All rights reserved.

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

U.S. GOVERNMENT END USERS: Oracle programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, delivered to U.S. Government end users are "commercial computer software" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, shall be subject to license terms and license restrictions applicable to the programs. 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 failsafe, 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.

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.

This software or hardware and documentation may provide access to or information on 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. 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.