Toplink IBM Websphere Setup
Oracle FLEXCUBE Universal Banking
Release 14.0.0.0.0
[December] [2017]

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1. Introduction

1.1 <u>Background</u>

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 <u>Organization of the Document</u>

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 <u>References</u>

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

Download TopLink from:

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

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>d:

D:\>cd 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\OraInstall2015-11-19_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\OraInstall2015-11-19_05-46-57PM
Log: C:\Users\snaren\AppData\Local\Temp\OraInstall2015-11-19_05-46-57PM\install2015-11-19_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\OraInstall2015-11-19_05-46-57PM\install2015-11-19_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.
```
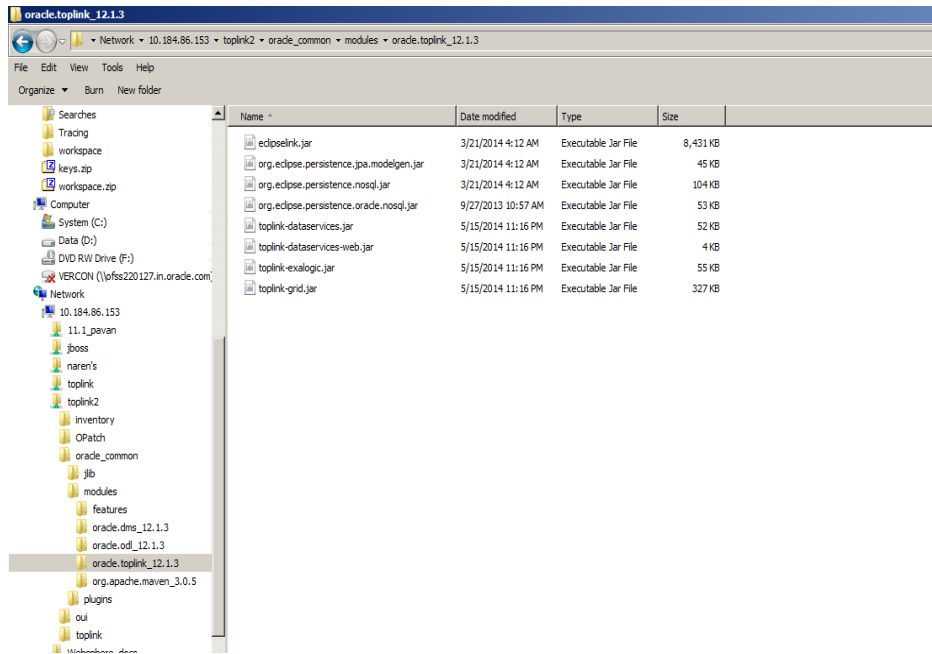
4. Configuring TopLink 12c

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. <u>Package EclipseLink in the Application EAR</u>

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

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