Oracle FLEXCUBE Direct Banking

Installer User Guide

Release 12.0.3.0.0

Part No. E52543-01

April 2014

ORACLE

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
www.oracle.com/financialservices/

Copyright © [2008], [2014], 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.

Contents

1. Preface 4

1.1. Intended Audience 4

1.2. Documentation Accessibility 4

1.3. Access to OFSS Support 4

1.4. Structure 4

1.5. Related Information Sources 4

Preface 4

2. Overview 5

3. Pre-requisites 6

4. FCDB Installer Overview 7

5. FCDB Installer execution steps 8

a. **Command input mode** 8

b. ***Swing input mode*** 9

6. Semi – Silent and Silent FCDB Installer 55

a. Steps to be executed before running the Semi-Silent/Silent Installer 56

b. Semi-Silent Installer in GUI mode 57

c. Semi-Silent Installer in Command Input mode 60

d. Silent Installer in GUI mode 63

e. Silent Installer in Command Input mode 64

7. Conclusion and Next Steps 65

Preface

1.1 Intended Audience

This document is primarily targeted at

- Oracle FLEXCUBE Direct Banking Development Teams
- Oracle FLEXCUBE Direct Banking Implementation Teams
- Oracle FLEXCUBE Direct Banking Implementation Partners

1.2 Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc.

1.3 Access to OFSS Support

https://support.us.oracle.com

1.4 Structure

This manual is organized into the following categories:

Preface gives information on the intended audience. It also describes the overall structure of the User Manual

This document discusses the usage steps and basic inputs required for FCDB Installer execution.

1.5 Related Information Sources

For more information on Oracle FLEXCUBE Direct Banking Release 12.0.3.0.0, refer to the following documents:

Oracle FLEXCUBE Direct Banking Licensing Guide

2. Overview

This document discusses the usage steps and basic inputs required for FCDB Installer execution.

Successful execution of all the steps provided in the FCDB Installer along with the complete steps provided in the supporting documentation installs or upgrades the FCDB product to the appropriate version intended.

This document discussed following topics

Chapter 2, "Audience"

This chapter defines the audience for this document.

Chapter 3, "Pre-requisites"

This chapter discusses the necessary installations/requirements prior to execution of Oracle FCDB Installer.

Chapter 4, "FCDB Installer overview"

This chapter discusses the tasks and capabilities of the Oracle FLEXCUBE Direct Banking Installer in brief.

Chapter 5, "FCDB Installer execution steps"

This chapter discusses the execution of Oracle FLEXCUBE Direct Banking Installer and the detailed step-by-step installation guide.

Chapter 6, "Conclusion and Next Steps"

This chapter discusses the result of Oracle FLEXCUBE Direct Banking Installer and the activities which are required post installation using Oracle FLEXCUBE Direct Banking Installer.

- ***Abbreviations***

The abbreviations used by the document are as follows:

FCDB	Oracle FLEXCUBE Direct Banking
CD	FCDB Installer deliverable
FCDB BASE DIR	FCDB Base Working Directory

3. Pre-requisites

1. Oracle database instance for FCDB primary database is present and setup. This will be required in cases where complete setup is required with Dayzero DB setup. Adequate Db login credentials (as well as additional DB details in case of complete setup) are present.
2. Java is installed and JAVA_HOME is set adequately.
3. Adequate administrative rights for Application product installation directory creation, modification and deletion need to be present for the FCDB Installer user before execution of installation.
4. The installer assumes that the application server is installed on the system intended to be used, with adequate rights for deployment and management.
5. The server on which the FCDB installation is running should have following :---
    a. Oracle client
    b. Sqlplus should be accessible from the same environment.
    c. TNSNAMES.ORA should have the latest entries of IP address, Listener and Port number.
6. Following information should be ready in hand before starting the installation.

Data required during Installation	Description
Database Server hostname/IP address	This should be the hostname/IP of the database server on which FCDB schema will reside.
Database Server listener port	listener for above Database server
Database Service Name	Database service name to be used.
DBA Schema Login UserID and Password	A DB user to be used to create FCDB DB users and objects. The DB user should preferably have DBA role.
Database Table Space location on DB Server	Location on database Server where datafiles of the FCDB tablespaces will be created.
Application Server hostname/IP address	Hostname/IP of the Application server which will host FCDB applications.

Application Server Bootstrap Port	Bootstrap port of above application server. Please refer Server documentation for details on the same.

4. FCDB Installer Overview

Oracle FLEXCUBE Direct Banking Installer is Java based software which is used to perform complete or partial setup for Oracle FLEXCUBE Direct Banking products. The installer consists of product archive and configuration files and is shipped to the client as a single deliverable CD.

Oracle FLEXCUBE Direct Banking Installer is OS independent software which can be executed on Windows as well as UNIX based environments.

On invocation, the installer performs the tasks based on the build configurations provided as encrypted property files. Some activities and features performed by the toolkit are explained here. More details about each task are explained in detail in following sections.

a. Verification of the shipped archive :

This task verifies whether the delivered archive is tampered and audits the same. In case of any mismatch found the toolkit abort itself and logs the details.

b. Auto backup :

Before initiation of installer activities, a complete backup of the existing setup is performed and placed in backup location relative to application home. Review the location matrix at the end of this document for the location details of the new as well as backed up sources.

c. Application setup :

1. This task copies deliverable application folders to location relative to the application home. During complete setup all the application folders (including documents and javadocs) is copied to root relative locations.

2. Property files update is performed based on build configuration. The properties key-values to be updated is taken as input from the toolkit user, as explained in later chapters.

d. DB setup :

In case of complete setup with DB Install option selected this activity performs the creation of application DB users, application related database entities. Please refer “FLEXCUBE Direct

Banking Database Setup" for additional information on DB activity details, steps for performing this activity manually and actions required post this activity.

e. Auditing and logging action:

All the user entries as well toolkit activities are logged on screen as well as user defined log location. The verification screen allows the user to verify the inputs post which the progress of the installer is displayed to end user appropriately.

5. FCDB Installer execution steps

This chapter provides detailed information about the installer workflow and the result entities created in the process. User needs to follow the step by step details to successfully install the delivered FCDB setup.

1. Copy the installation content from the deliverable (CD) to a temporary installation location on the server where FCDB product is required to be deployed. This location can be purged after successful execution of the installation.(This process can be skipped if the executable batch files are executed from the CD.)

2. The Installer provides two GUI modes of execution based on invocation parameters. Both the execution modes are identical in their requirements and result output.

a. Command input mode *:*

Command input mode accepts the input on system command prompt. This mode can be used in cases where graphic GUI cannot be invoked. In order to run the executable Please go to the directory where the executable resides and then invoke it.

- To invoke this mode execute the install batch with following parameter.

OS	Command query
Windows	<Installer CD>/install.bat **c**
Unix	sh install.sh **c**

This option invokes the installer in command prompt. All inputs are sequentially asked by command line prompts. This mode ignores the dayzero DB setup, if present.

- If dayzero Db setup is required in standard installations with tablespaces enabled (Non ASM), then to invoke this mode execute the installwithDB batch with following parameter.

OS	Command query
Windows	<Installer CD>/installwithDB.bat **c**
Unix	sh installwithDB.sh **c**

This option invokes the installer in command prompt. All inputs are sequentially asked by command line prompts. The input asked mainly is the path where log files would be generated.

Please note that DB dayzero are invoked only in case of Full setup. It is not called for other setup modes (e.g. Patch setup).

Note: In case of FCDB application installation and setup on horizontal cluster using FCDB Installer where manual synchronization is required on cloned file systems (i.e.), use DB Dayzero setup option only for one of the cluster members.

Please refer section 'Steps to follow in command mode' to run the installer in Command input mode.

b. Swing input mode

Swing input mode is an interactive installer interface used for installation of FCDB. In order to run the executable Please go to the directory where the executable resides and then invoke it.

- To invoke this mode run the install batch without any additional parameters.

OS	Command query
Windows	<Installer CD>/install.bat
Unix	sh install.sh

This option invokes a java based interactive swing user interface. This option ignores the dayzero DB setup, if present.

- If dayzero Db setup is required in standard installations with tablespaces enabled (Non ASM),, then to invoke this mode run the installwithDB batch without any additional parameters. This option invokes a java based interactive user interface.

OS	Command query
Windows	<Installer CD>/installwithDB.bat
Unix	sh installwithDB.sh

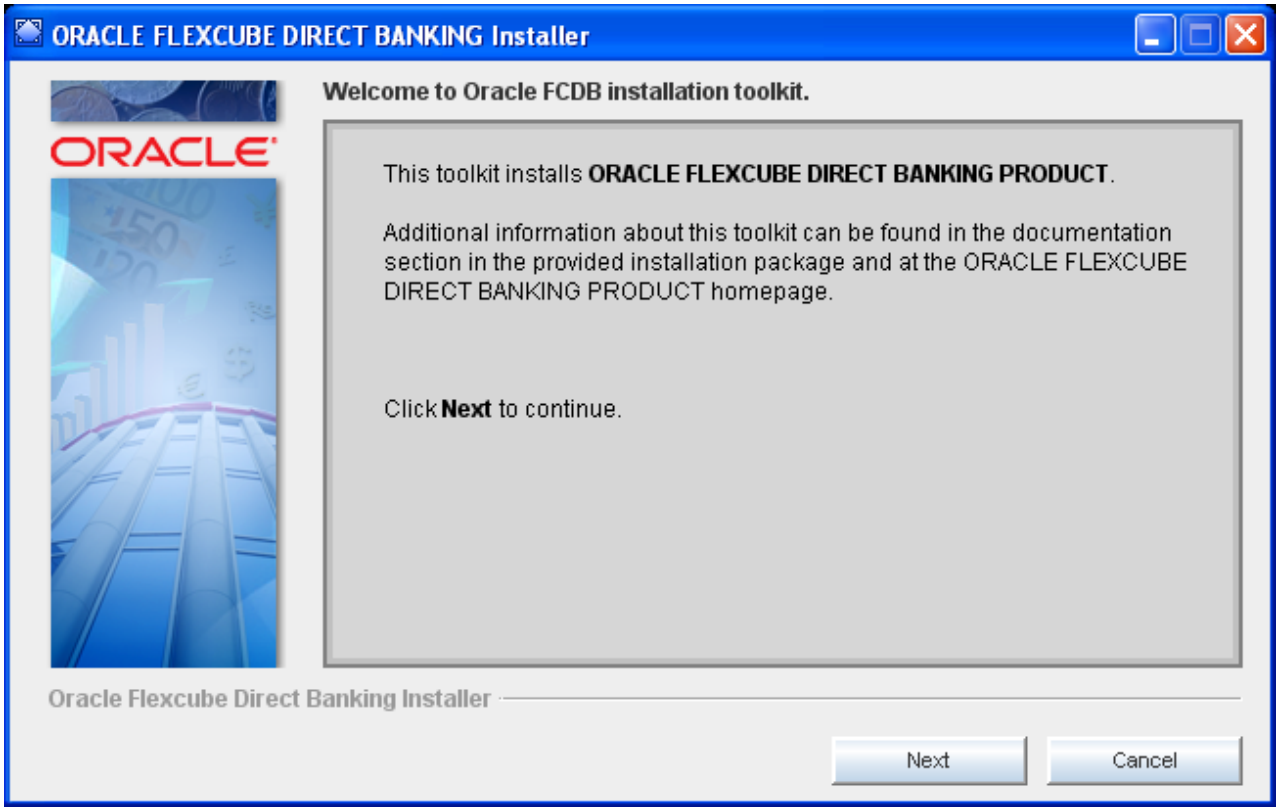
Identical information is collected is for both the modes (command mode/ swing mode) and is further used for installation and managing configurations.

NOTE: In case where DB Installation step is skipped it is assumed that the DB installation is done completely along with FCDB Database users created. Although DB installation can be performed at a later stage manually (refer: "Oracle FLEXCUBE Direct Banking Database Setup") the DB login details (Database Administrator User Credentials etc.) should be present at the time of FCDB installer execution.

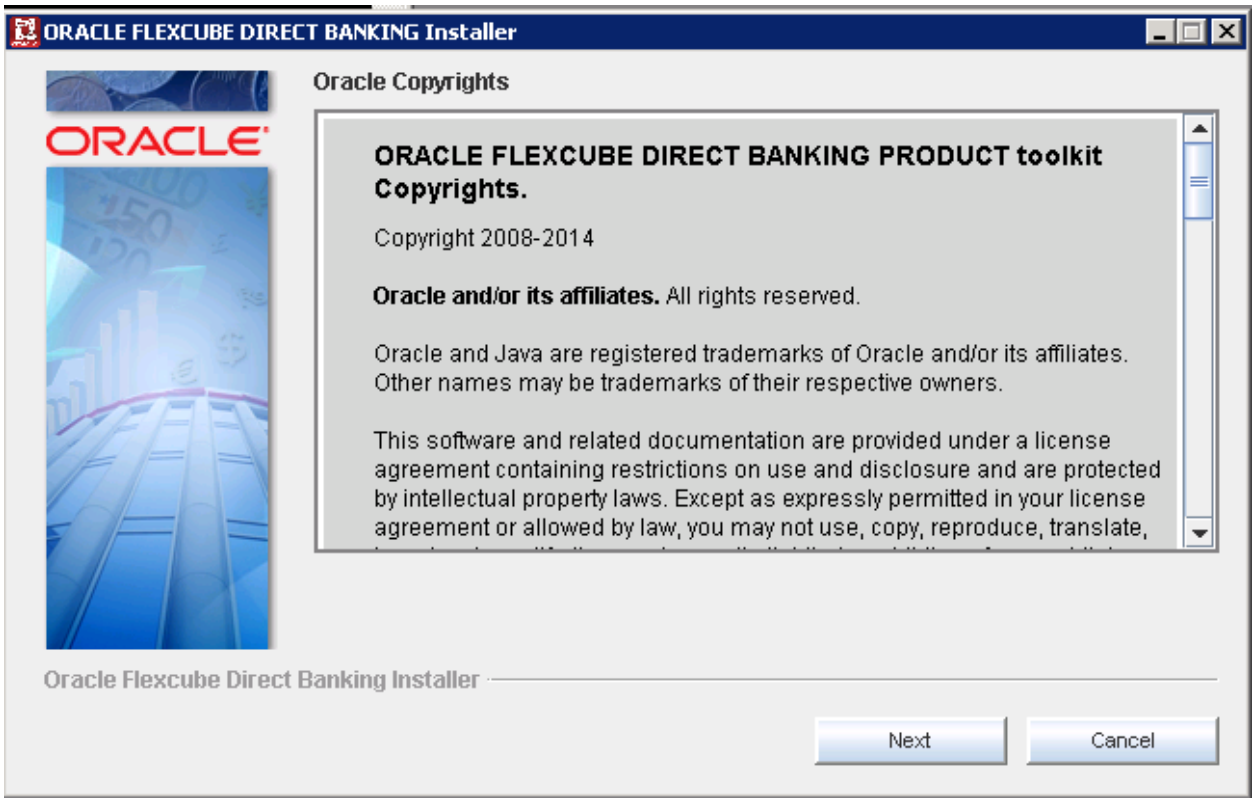
- After run the installwithDB.bat/installwithDB.sh select the log path in your base location.

  (E.g. - \usr\FCDB\logs – UNIX systems)

3. On internal verification of the required components being present, the following welcome screen is displayed to the user. Click Next to continue. In case of welcome screen not able to display, please refer the log location for error messages.

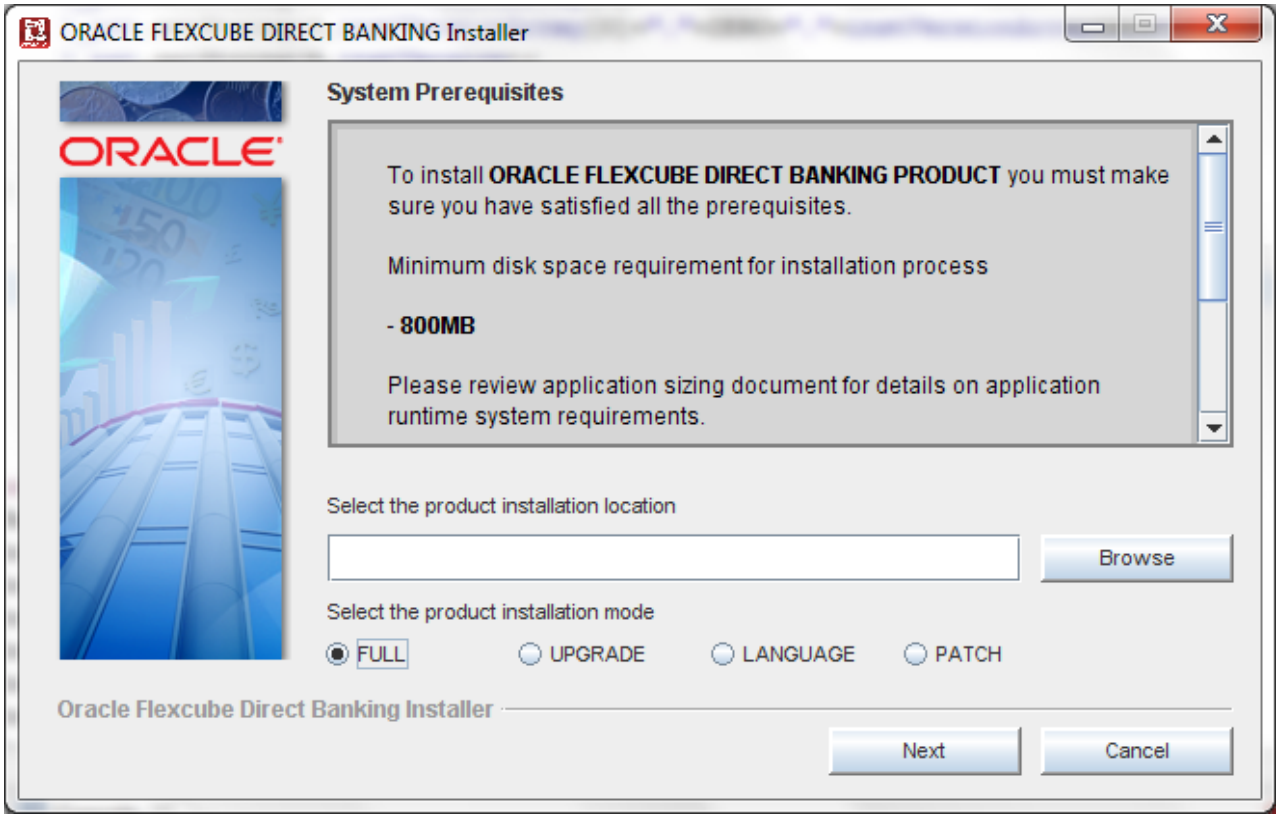


4. On Next, Oracle Copyrights screen is displayed



Read Oracle Copyrights. Click Next to proceed.

5. On Next, System Prerequisite screen is displayed



Enter the Product Installation location. The product installation location is specific to the operation system. (E.g. - \usr\FCDB – UNIX systems)

This location is used by the installer for all the installation related activities including backup. This location is treated as “application home” by the application servers. (Refer application server installation document for additional details)

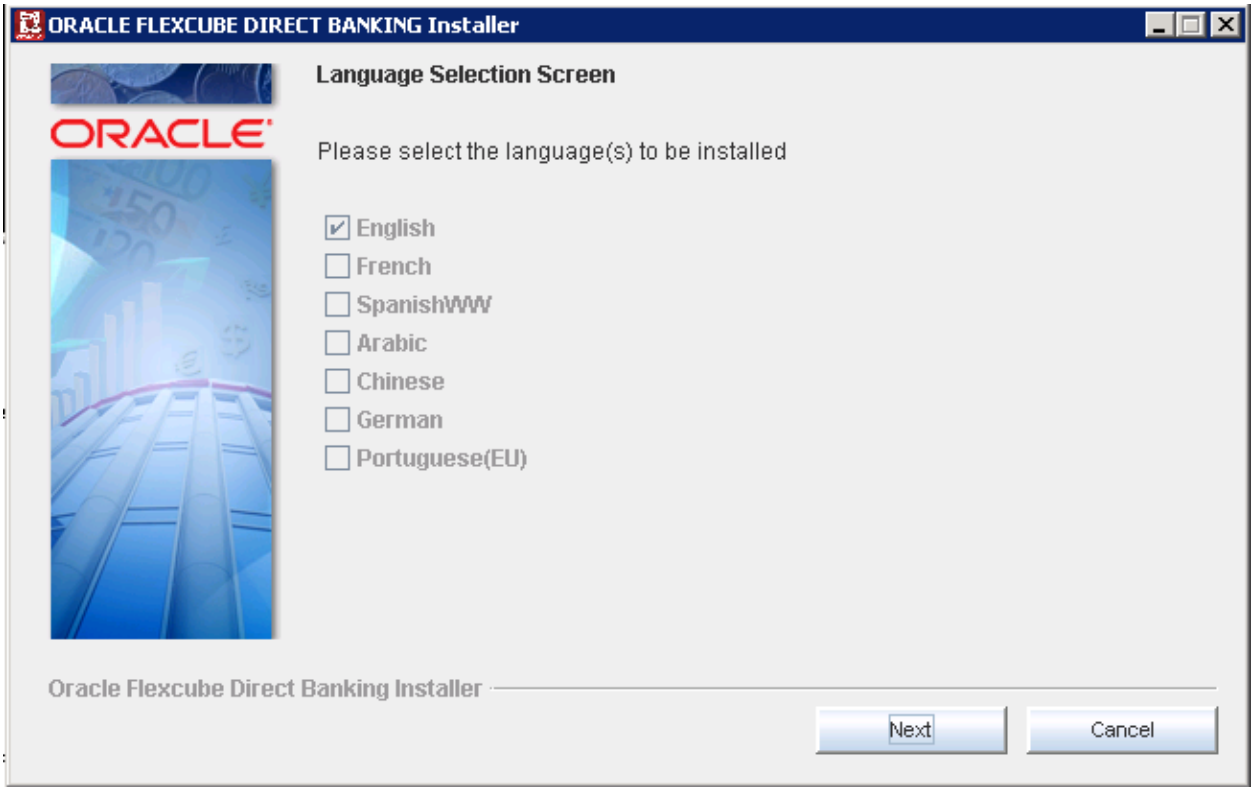
The installation location is created on the given location if not already present. Adequate administrative rights for directory creation, modification and deletion need to be present for the installation user before execution of installation.

Select the Product Installation mode full or Upgrade.

In case Full please follow the below mentioned steps and in case of patch refer Oracle_FLEXCUBE_Direct_Banking_Installer_Patch_UserGuide.pdf

6. On next, Language Selection Screen is displayed.

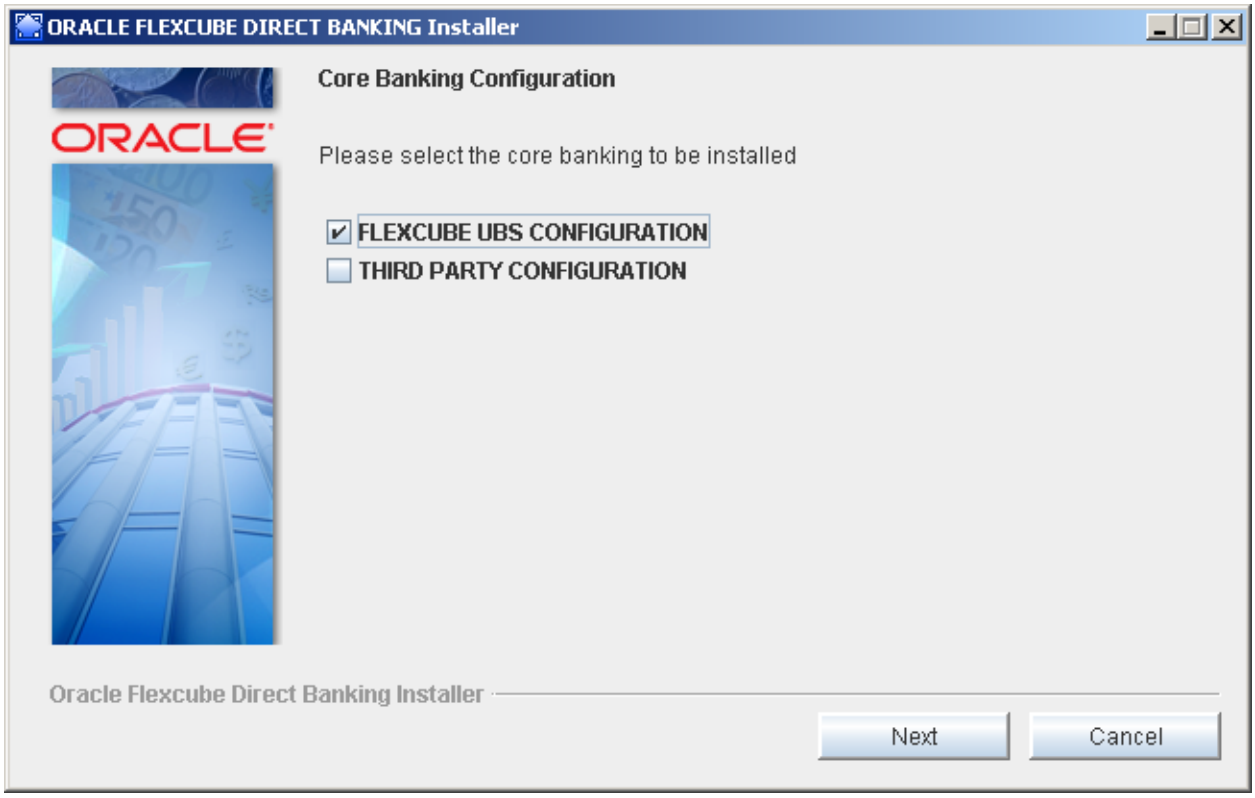
   Here the user can select the language in which the application will be installed. There are currently multiple languages supported. For 12.0.X only English language is enabled.



7. proceed with the next screen.

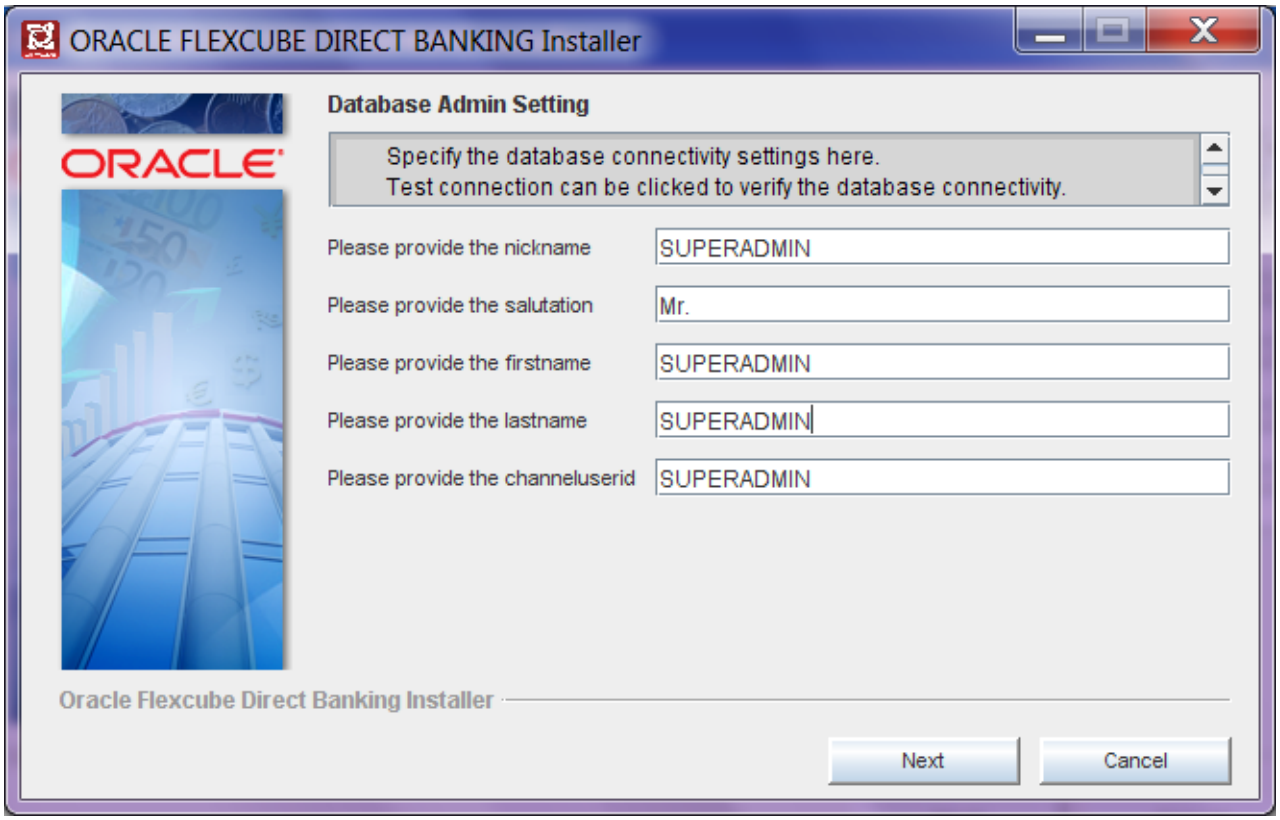
8. On next, Core Banking Configuration Screen is displayed.

   This screen has two options: *Flexcube UBS Configuration* and the *Third Party Configuration*. On selecting, the respective configuration will be configured.



9. On next, Database superadmin setting is displayed .

   This screen takes the input of first user i.e superadmin



The required inputs are explained as follows.

Input field	Description	Example
Nickname	Please provide the nickname	SUPERADMIN
Salution	Please provide the salution	Mr.
FirstName	Please provide the firstname	SUPERADMIN
LastName	Please provide the lastname	SUPERADMIN
ChannelUserId	Please provide the channeluserid	SUPERADMIN

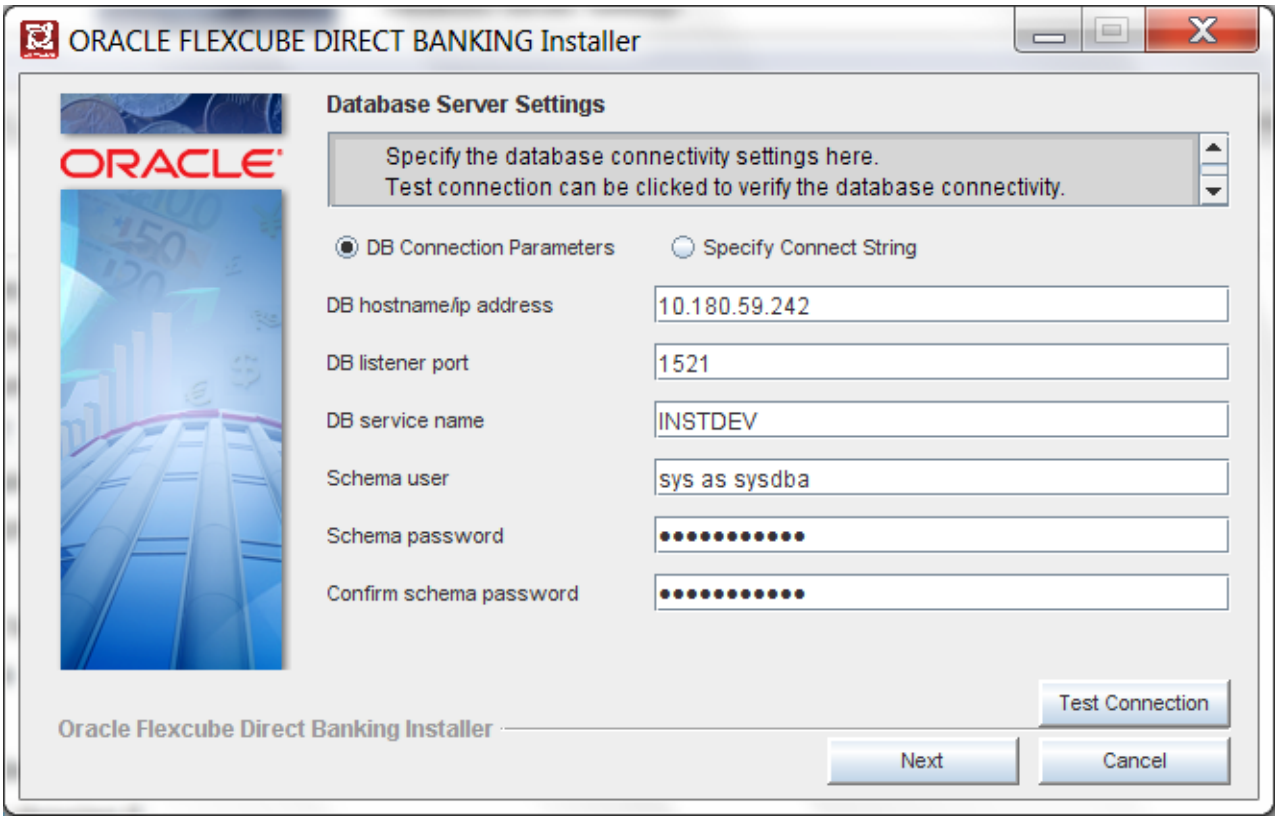
10. On next, Database Server settings screen is displayed.

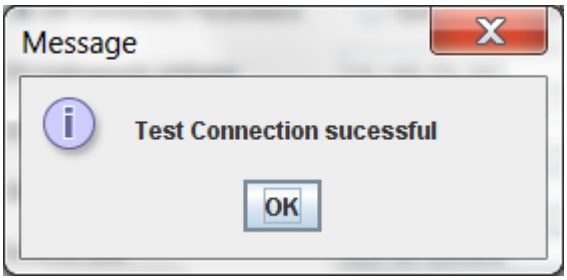
    This screen takes details of the primary FCDB database as input. (This screen is only displayed in case the deliverable contains database related changes or properties related changes. If this screen does not appear, proceed to the next screen information.)

    These properties are used to execute dayzero Db setup and/or application properties update as per user option selected (for DB setup).

    DB details can be provided using in one of the two ways:

    a) *DB Connection Parameters*: Selecting this option enables the fields to provide DB details. Fields accepting DB details like hostname, port, and service are enabled.

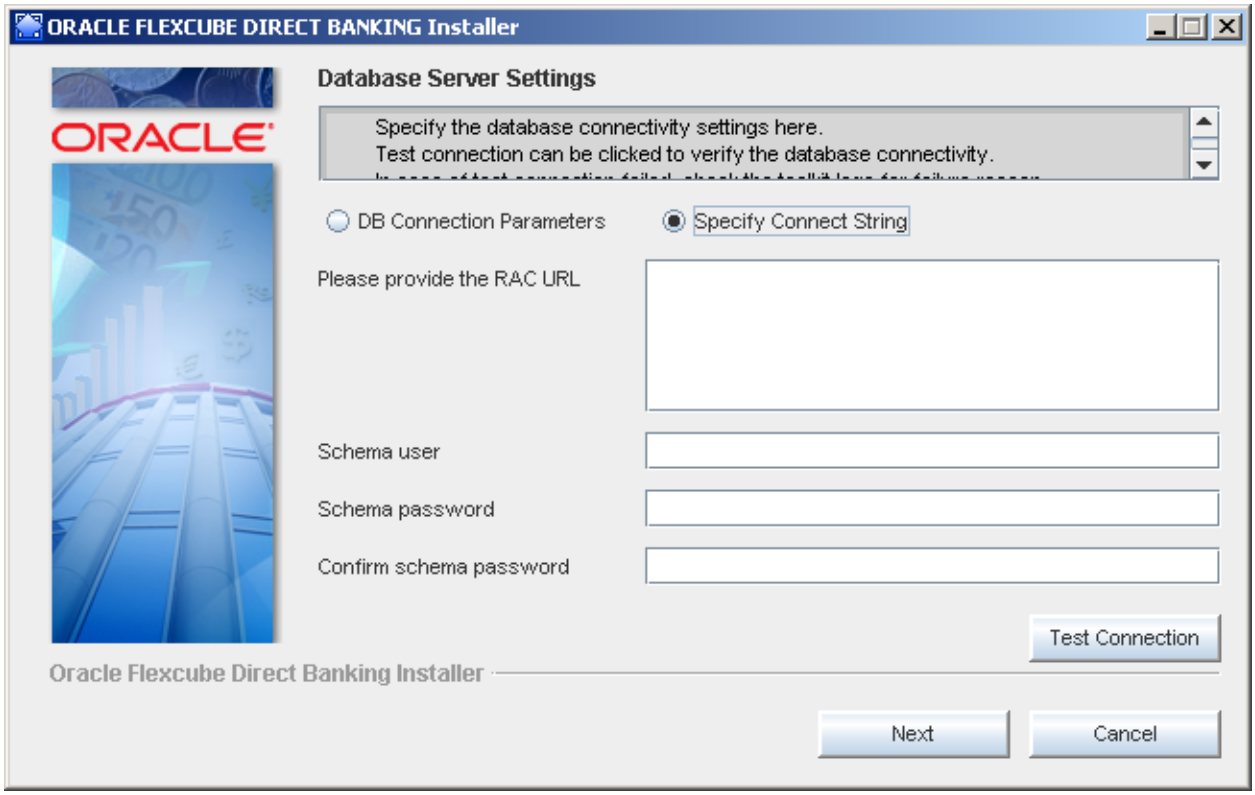



Message
Test Connection sucessful
OK

b) Specify Connect String: This option allows user to provide DB details as a connect string.

Sample Connect String

```
(
        DESCRIPTION=
                (LOAD_BALANCE=on)
                (ADDRESS=(PROTOCOL=TCP)(HOST=hostname1.com)(PORT=1521))
                (ADDRESS=(PROTOCOL=TCP)(HOST=hostname1.com)(PORT=1521))
                (ADDRESS=(PROTOCOL=TCP)(HOST=hostname1.com)(PORT=1521))
                (ADDRESS=(PROTOCOL=TCP)(HOST=hostname1.com)(PORT=1521))
                (CONNECT_DATA=(SERVICE_NAME=service1))
)
```



After populating all the fields, click on 'Test Connection' button to verify the connectivity with the given parameters. (This verification step is non-mandatory and can be skipped in cases where DB is not already created). The success message denotes correct DB properties. If connectivity fails due to unknown reasons, check the logs created at the default toolkit log location.

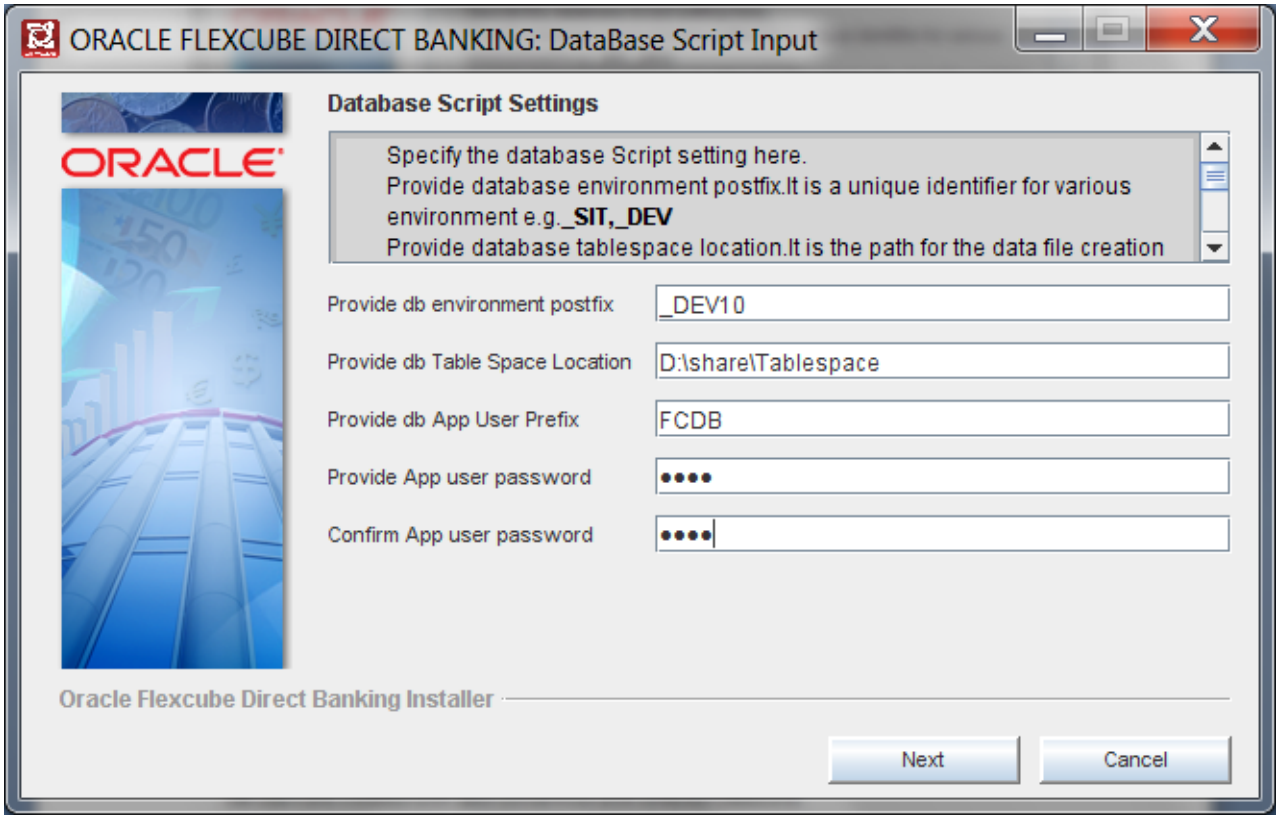
The required inputs are explained as follows.

Input field	Description	Example
DB hostname/IP address	Enter the target database hostname or IP address	10.180.23.160
DB listener port	Enter the target database listeners port	1540
DB service name	Enter the database service name	FCAT
Schema user	In case of Full DB setup with db install option. The user should be sys or any other user having the DBA rights.	FCDBAPP_TEMP (user having DBA rights) or sys as sysdba
Schema password	Enter the appropriate password for above mentioned user	PASSWORD
Confirm schema password	This entry should exactly match the above entered password entry	PASSWORD

Click next to continue.

Please refer "Oracle FLEXCUBE Direct Banking Database Setup" for additional information on full dayzero DB setup details, steps for performing this activity manually and actions required after DB setup (activation of user etc).

11. On next, ‘Database Script Settings’ Screen is displayed.



This screen takes input for FCDB database creation. (This screen is only displayed when full database setup is selected. If this screen does not appear, proceed to the next screen information.)

Note:

1. The details entered on the screen are used to create DB entities.

2. In case of **ASM** kind of database Please specify the table space location as :

```
+dgroup

Where dgroup is the name of diskgroup.
```

For Ex:

1. DB user are created by appending fixed keywords to prefixes and postfixes entered above,

   DB Users are created with said convention with entered password.

   <appuser_ prefix>**ADMIN**<env_postfix> [e.g. - FCTPADMIN_DEV]

<appuser _prefix>**APP**<env_postfix> [e.g. - FCTPAPP_DEV]

2. This app user has to be unlocked as it has to be used in 2 places in later stage – 1. While creating JDBC data source (weblogic.pdf) and 2. Before we reset superadmin password using the utilities. To unlock the password, please follow the below mentioned step:--

(A) Login to the sys user and unlock the App User.

NOTE: Refer "Oracle FLEXCUBE Direct Banking Database Setup" for details and naming conventions of other created DB entities and required DB actions post setup.

The required inputs are explained as follows.

Input field	Description	Example
Provide db environment postfix	Property to distinguish between the various environments like SIT, UAT etc. The provided identifiers are appended when creating Db entities. If not entered no value is appended to the DB entities.	_DEV, _SIT
Provide db table space location	Enter the path for the data file creation of tablespaces. This folder structure refers to the local folder structure present on database server.	1)d:/oracle/product/10.2.0/oradata/fcat 2)d:\\oracle\\product\\10.2.0\\oradata\\fcat 3) d:\oracle\product\10.2.0\oradata\fcat
Provide user prefix	The prefix for FCDB Admin/App user to be created.	FCDB
provide user password	Password to be entered for above user.	PASSWORD
Confirm user password	Confirm password to be entered for above user.	PASSWORD

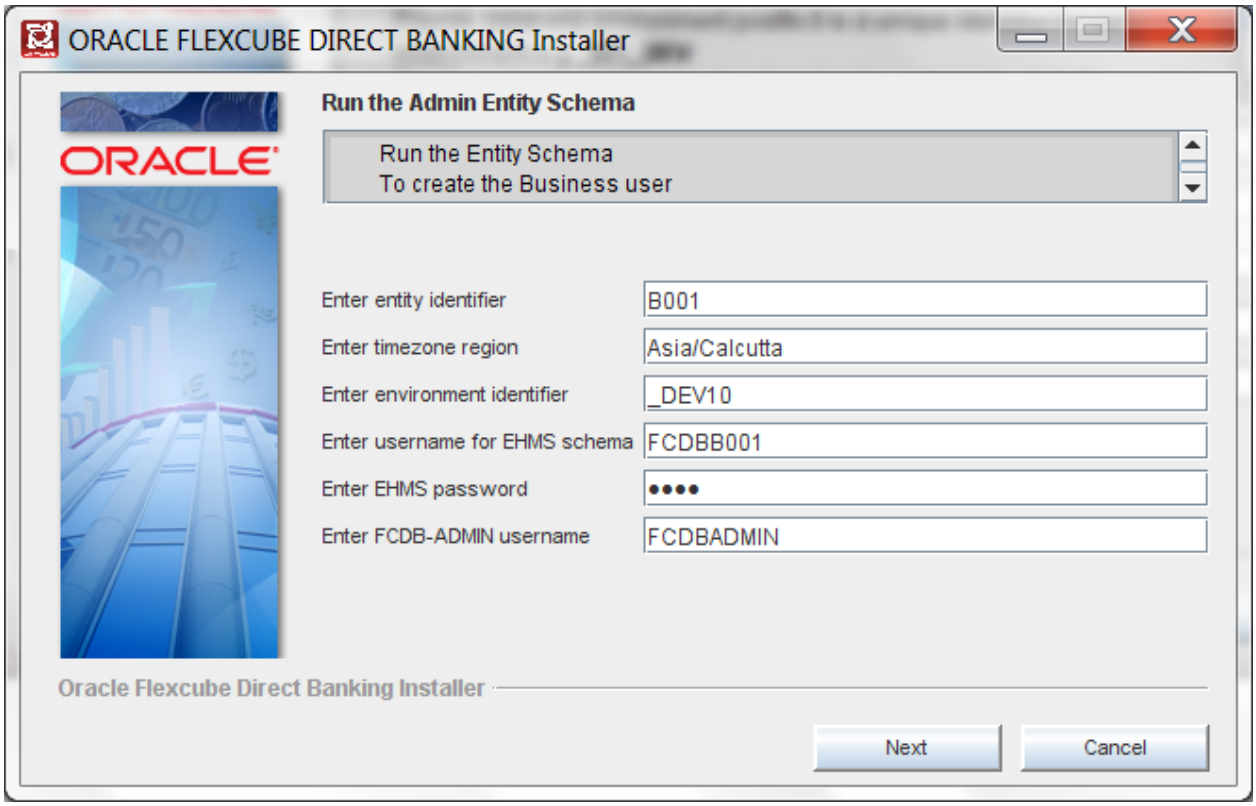
Please refer "Oracle FLEXCUBE Direct Banking Database Setup" for additional information on full dayzero DB setup details, performing this activity manually and actions required post this activity.

NOTE: *User Password* is same for both the user: ADMIN and APP user. Please change the password for ADMIN user if required.

12. On next, 'Run the Admin Entity Schema' screen is displayed.

This screen provides information on steps required to configure a single entity.

1. Installer automated Login to the Oracle FLEXCUBE Direct Banking database as DBA
2. And Execute this FCDB_ENTITY_SCHEMA.sql.



The required inputs are explained as follows.

Input field	Description	Example
Identity	Enter entity identifier	B001
TimeZone	Enter timezone region	Asia/Calcutta
Environment Identifier	Enter Enviroment Identifier	_DEV,_SIT
EHMS Schema	Enter username for EHMS schema(Identifier will be auto appended)	FCDBB001
EHMS Password	Enter EHMS password	PASSWORD
FCDB-ADMIN	Enter FCDB-ADMIN username	FCDBADMIN

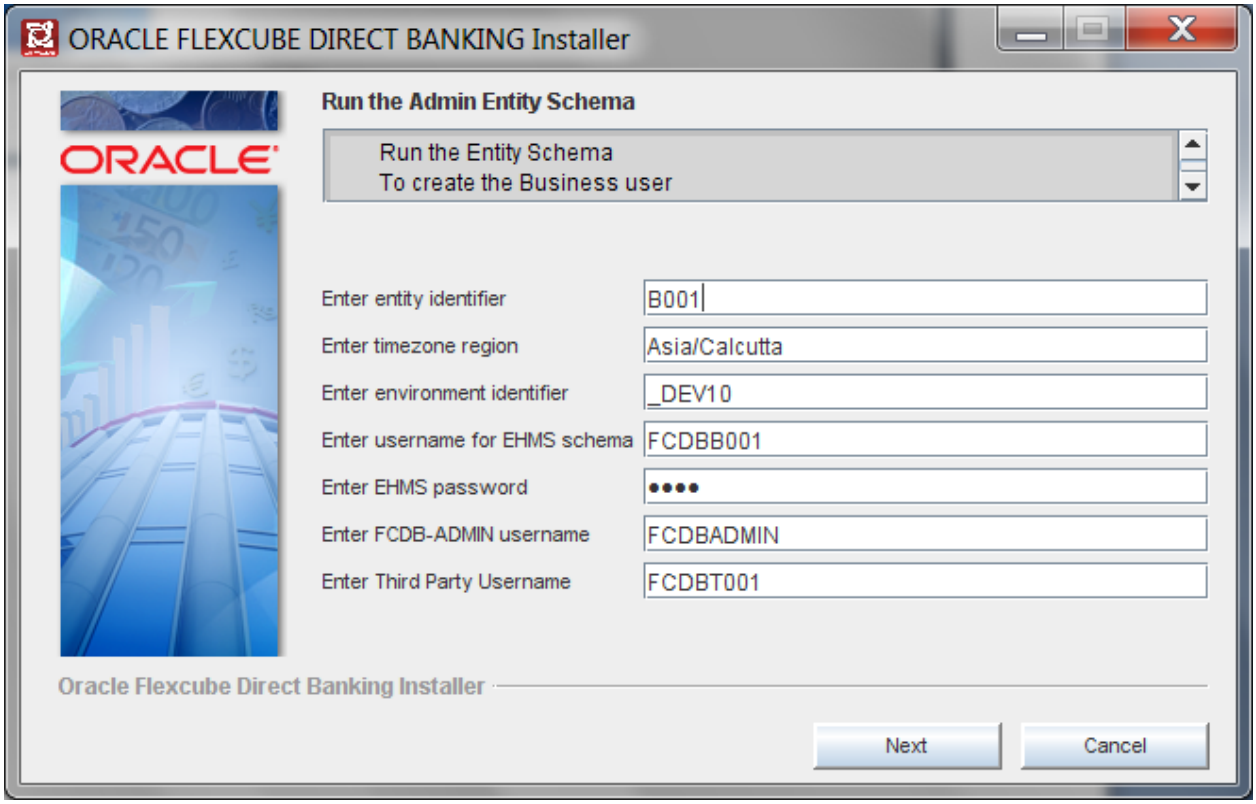
The EHMS user which will be created will have the following privileges

Below is brief overview of the two database users for Oracle FLEXCUBE Direct Banking

Type	Recommended User Name	Privilege assigned in the Role
EHMS	FCDB<B001><environment info>	CONNECT, CREATE SESSION, CREATE DATABASE LINK,CREATE VIEW, CREATE PROCEDURE, CREATE SYNONYM,CREATE JOB

Note : In case of Third Party Configuration.

Following Screen will be displayed.

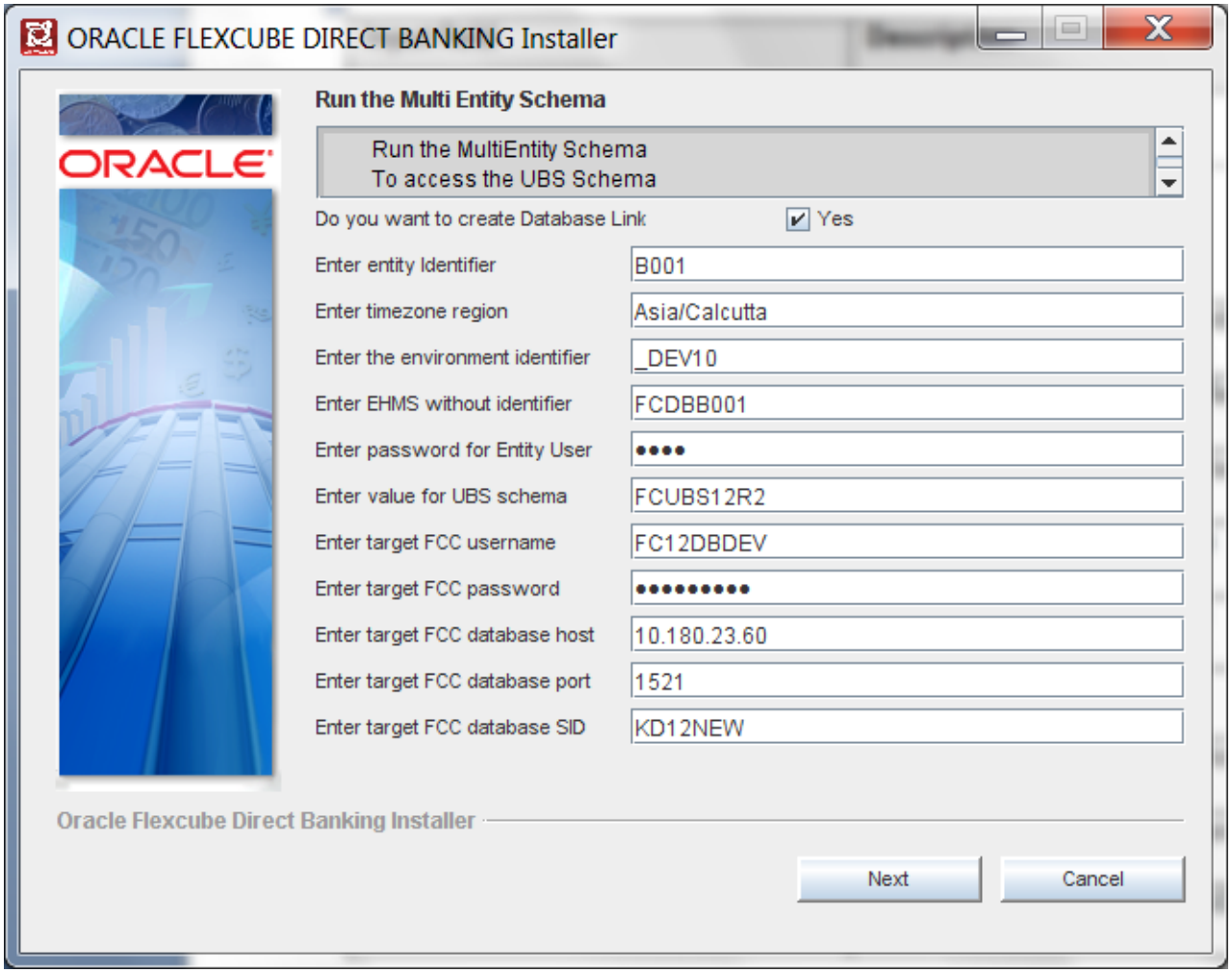


The required inputs are explained as follows.

Input field	Description	Example
Identity	Enter entity identifier	B001
TimeZone	Enter timezone region	Asia/Calcutta
Environment Identifier	Enter Enviroment Identifier	_DEV,_SIT
EHMS Schema	Enter username for EHMS schema(Identifier will be auto appended)	FCDBB001

EHMS Password	Enter EHMS password	PASSWORD
FCDB-ADMIN	Enter FCDB-ADMIN username	FCDBADMIN
Third Party User Name	Enter Third Party schema username	FCDBT001

13. On next, 'Run the Multi Entity Schema' screen is displayed.



Database link creations and their related synonyms are contained in the following scripts based on host. Installer automated Login as the FCDB EHMS database user & execute these relevant host script.

This screen will provide two option:-

1. Schema to dblink(different Schema)
2. Dblink to Schema(Schema to Schema)

IMP Note :- If you want to create database link in different Schema please check the checkbox.

or

In case of Schema to Schema please don't tick the checkbox.

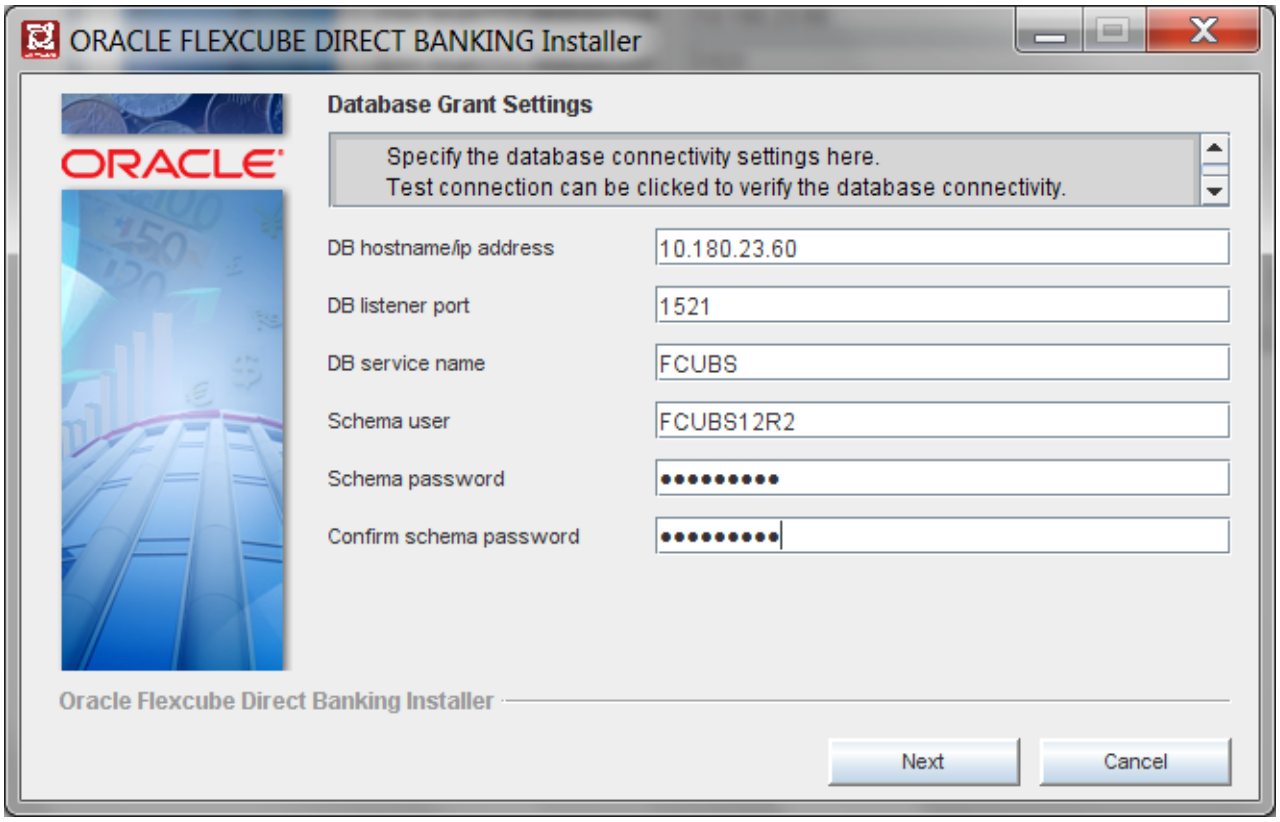
Input field	Description	Example
Identity	Enter entity identifier	B001
TimeZone	Enter timezone	Asia/Calcutta
Environment	Enter the environment identifier	Ex: _DEV,_SIT
EHMS User Name	Enter EHMS without identifier	FCDBB001
Entity Password	Enter password for Entity User	FCDBB001
UBS Schema Name	Enter value for UBS schema	FCUBS12R2
FCC UserName	Enter target FCC username	FC12DBDEV
FCC Password	Enter target FCC password	PASSWORD
FCC Host	Enter target FCC database host	10.180.23.60
FCC Port	Enter target FCC database port	1521
FCC SID	Enter target FCC database SID	KD12NEW

14. On next, In case of Schema to Schema ‘Database Grant Settings’ screen is displayed.

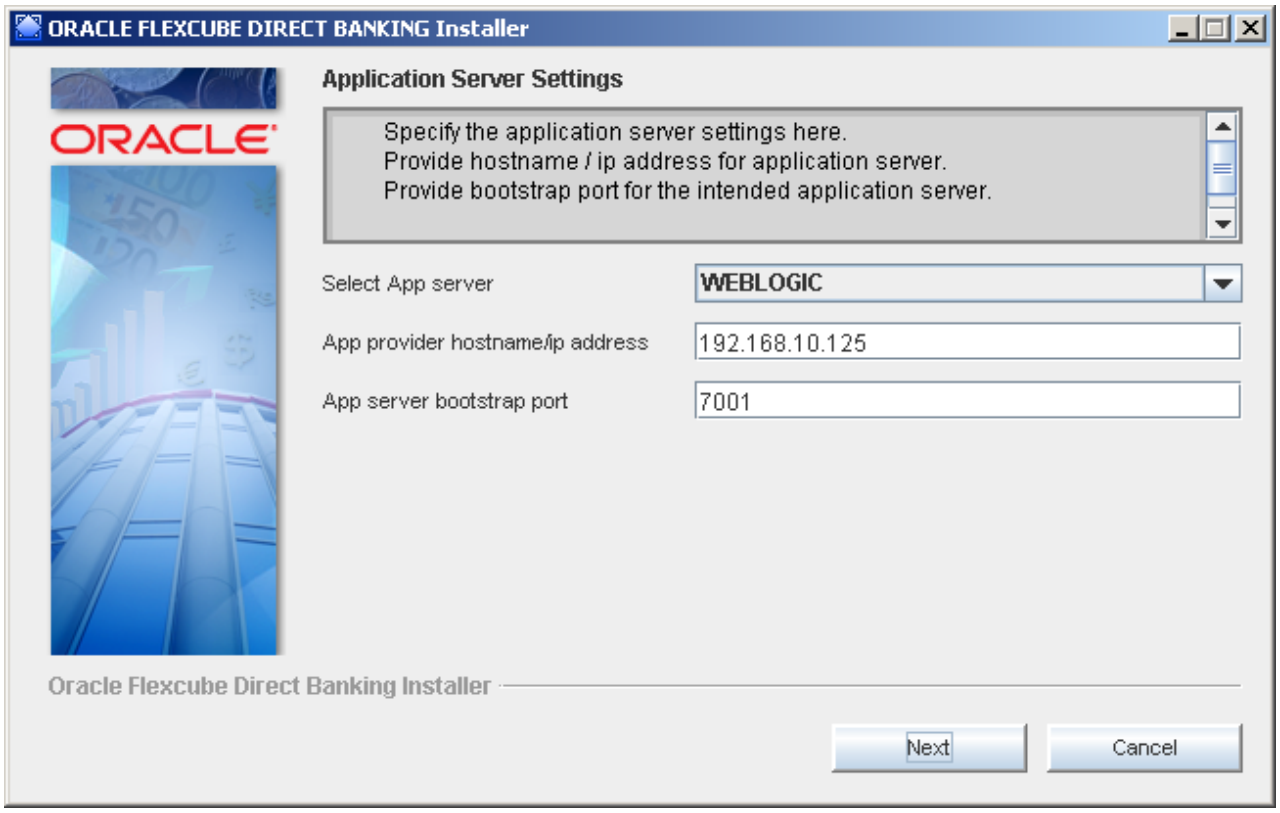
    For accessing the UBS synonyms and views, we have to run the Grants Script related to UBS.

    Note: In case of Third Party ‘Database Grant Settings’ screen will not be displayed

Input field	Description	Example
DB hostname/IP address	Enter the target database hostname or IP address	10.180.23.60
DB listener port	Enter the target database listeners port	1521
DB service name	Enter the database service name	FCUBS
Schema user	In case of Full DB setup with db install option. The user should have the DBA rights which should be able to run the grant scripts.	FCUBS12R2
Schema password	Enter the appropriate password for above mentioned user	PASSWORD
Confirm schema password	This entry should exactly match the above entered password entry	PASSWORD


ORACLE FLEXCUBE DIRECT BANKING Installer
ORACLE
Database Grant Settings
Specify the database connectivity settings here.
Test connection can be clicked to verify the database connectivity.
DB hostname/ip address
10.180.23.60
DB listener port
1521
DB service name
FCUBS
Schema user
FCUBS12R2
Schema password
Confirm schema password
Oracle Flexcube Direct Banking Installer
Next
Cancel

15. On next, ‘Application Server Settings’ screen is displayed.

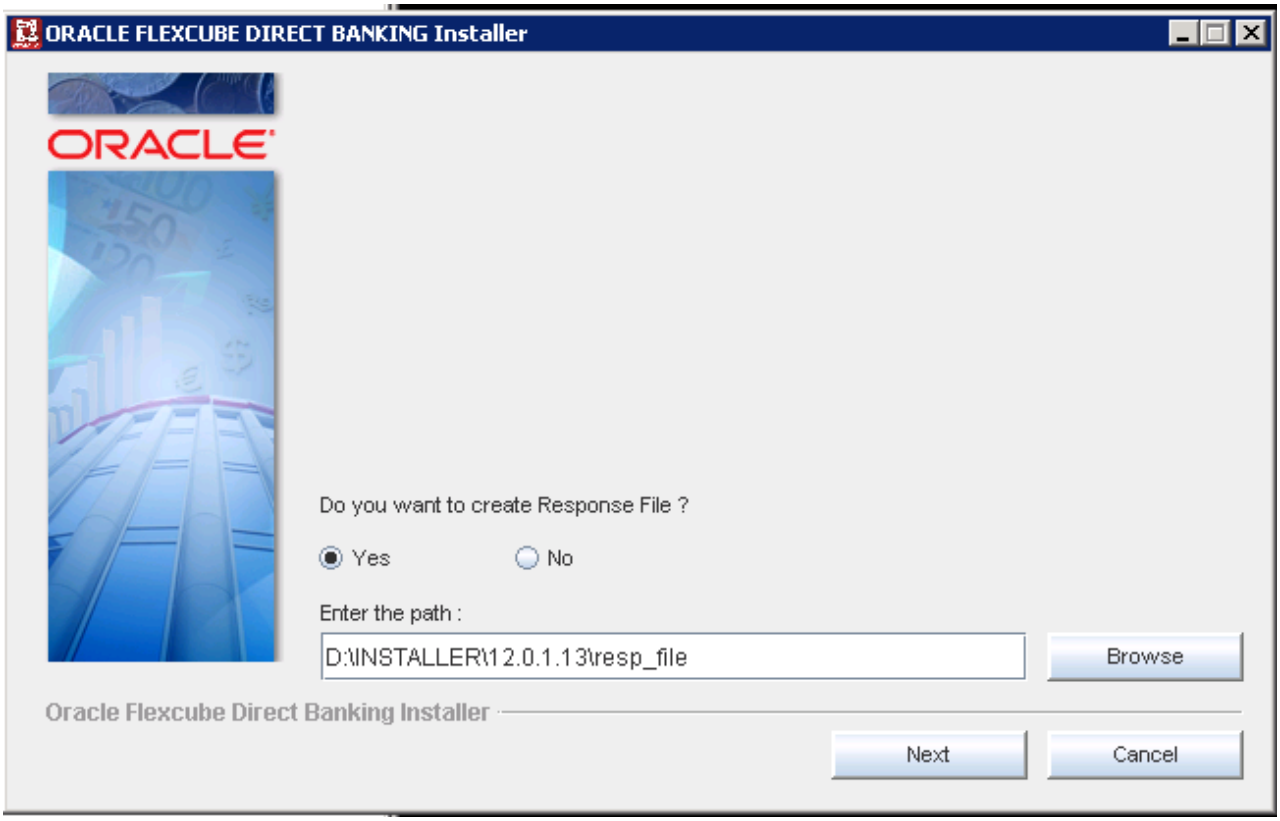


This screen takes inputs for the FCDB application server details. (This screen is only displayed in case the deliverable contains application server related changes or properties related changes. If this screen does not appear, proceed to the next screen information.)

List of supported servers appears as a dropdown on the screen. Provide appropriate details as provided in Application server console.

Click next to continue.

16. On next, screen allows the user to create response file. Input for whether the Response file will be created or not is required.



If 'yes' is selected, screen allows the user to create response file.

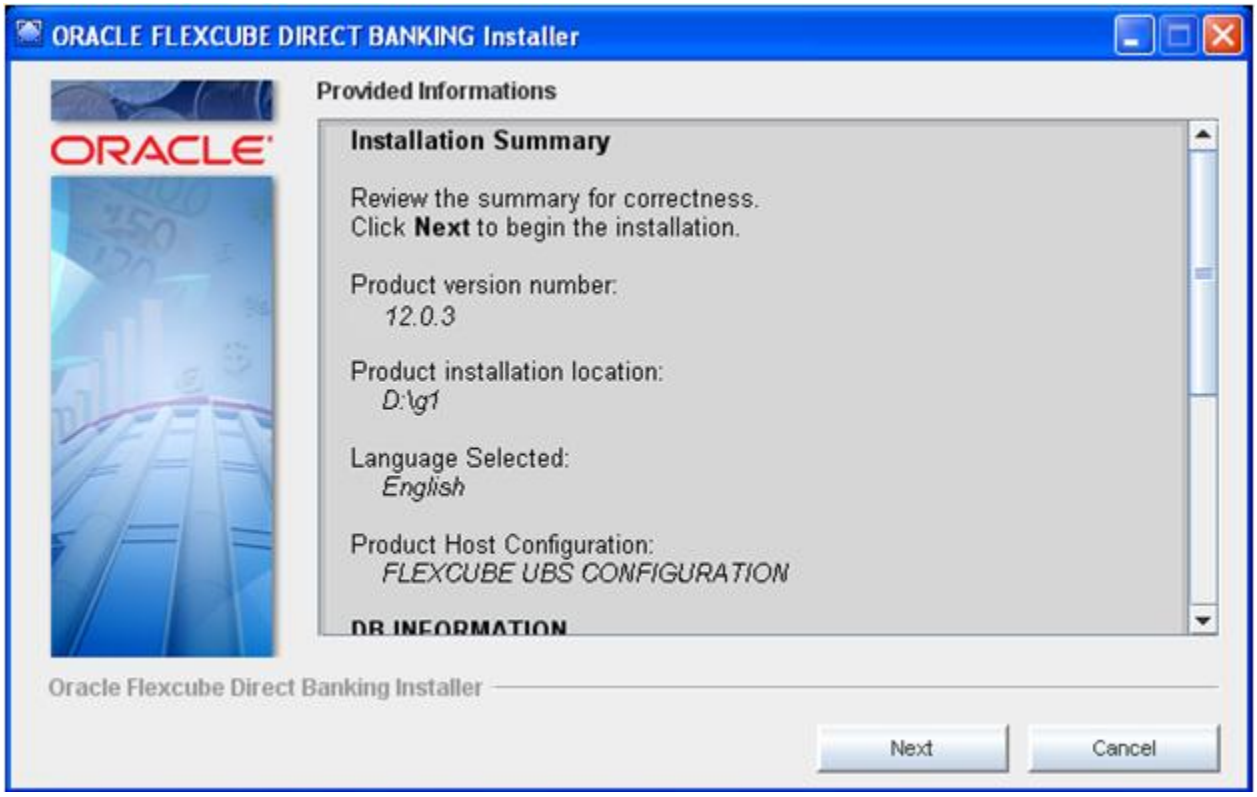
Please choose the appropriate option and provide the proper path for the response file to be created.

Click Next to proceed.

If 'yes' is selected, Response File will be created on complete installation at given location.

Note: Response file captures all inputs given at time of executing Installer.

On next, Verification screen is displayed.

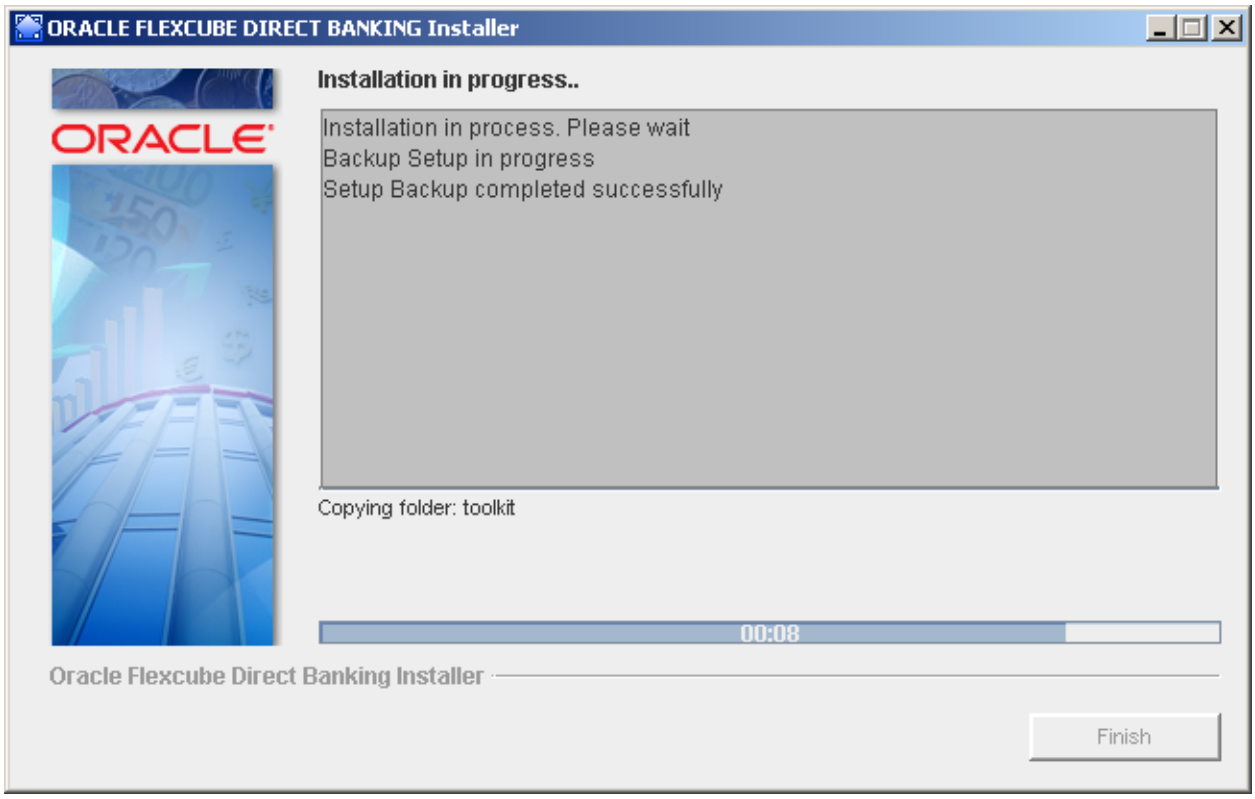


This screen allows user to verify all the details that have been input on this screen. This screen also displays details about the deliverable version and installation location.

Post complete confirmation. Click next to proceed with the installation. In case of incorrect entries click cancel to abort the setup and exit the installer.

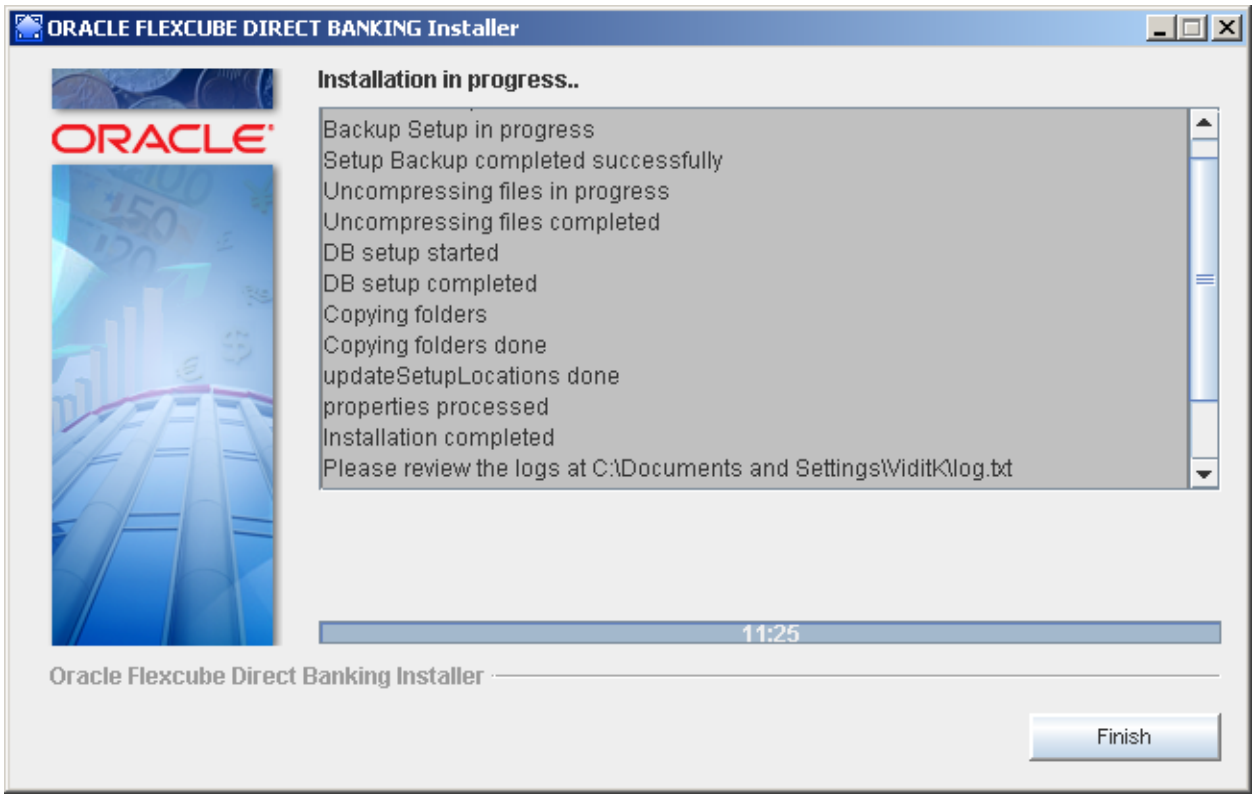
NOTE: The FCDB Installer needs to be aborted with Cancel button and restarted in case of any detail missing or incorrect.

17. On next, the Installation progress screen is displayed.



This screen displays the activities performed by the installer and the time elapsed for the same. This screen also logs all the activities and errors.

On complete successful installation, the Finish button is displayed along with the location details of the log files logged.



Click Finish to complete the installation steps and close the installer.

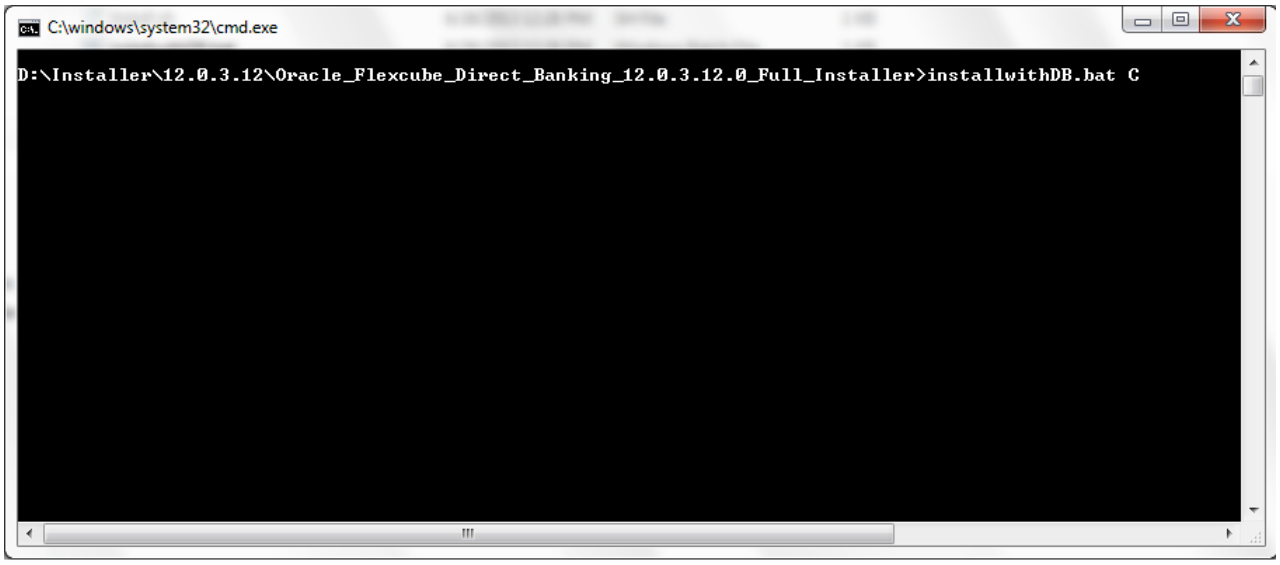
Log location is displayed as a part of the progress screen, at the completion of installation. Please review the logs to check for any exceptions logged and preserve this file for any further error resolution if required.

Steps to follow in command mode

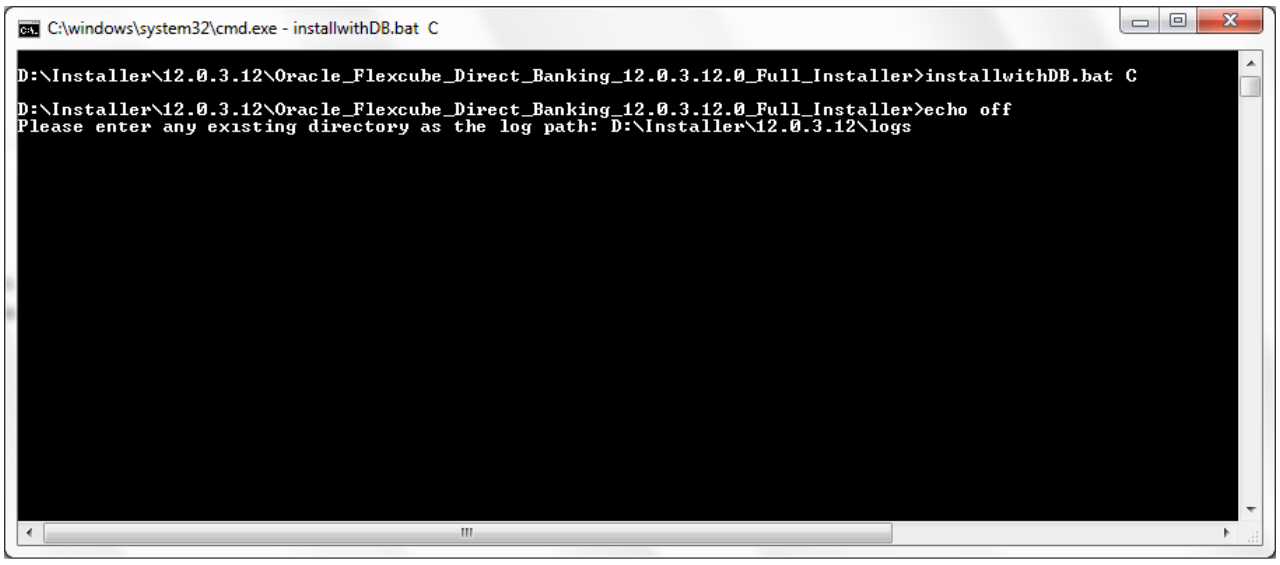
1. Open command prompt and execute following commands and enter.

For windows : <Installer CD>/installwithDB.bat **c**

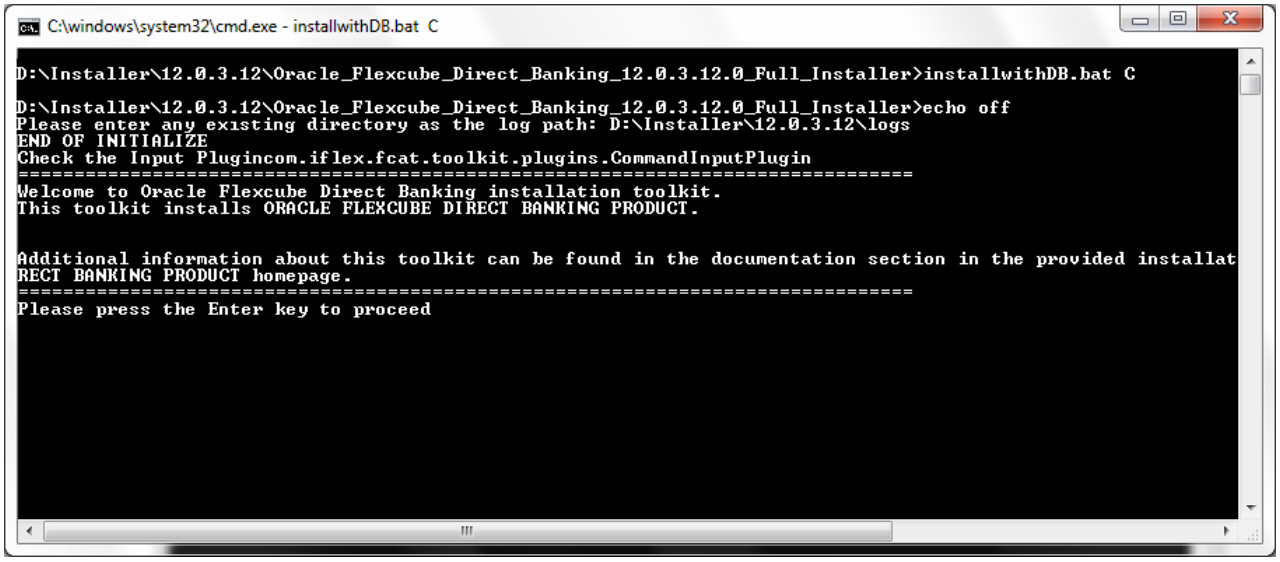
For Linux : <Installer CD>/installwithDB.sh **c**



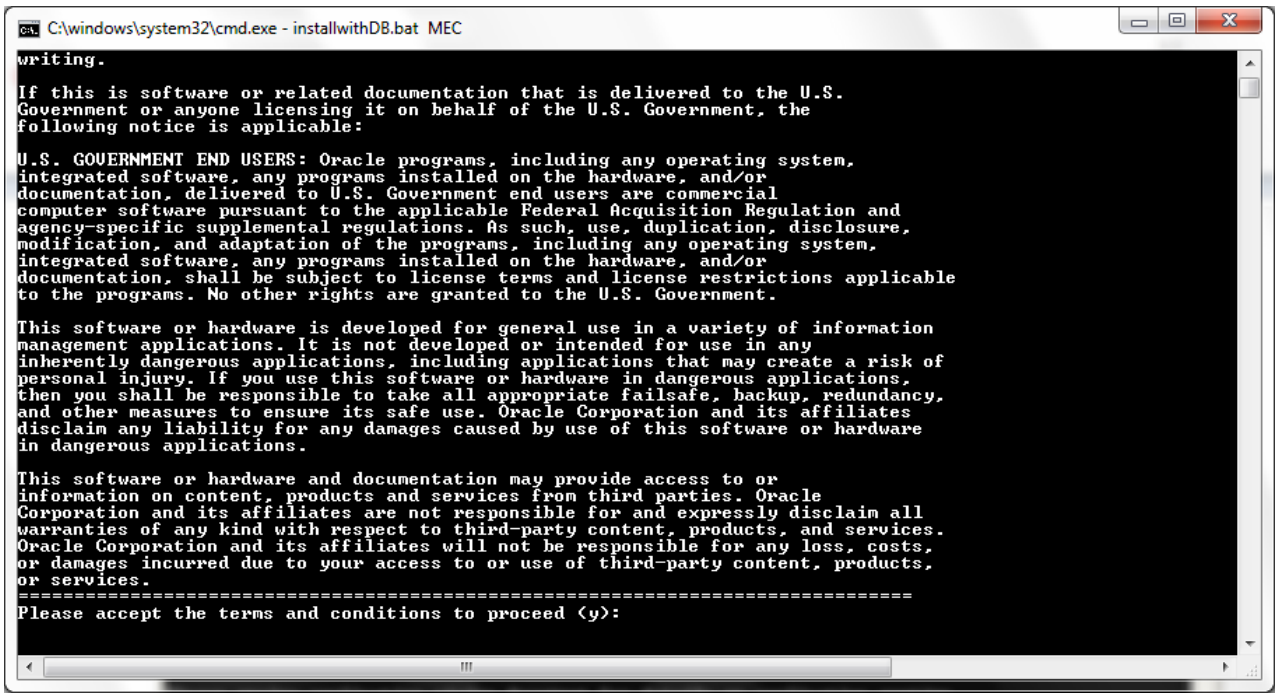
2. Enter any existing directory path to store logs and enter.



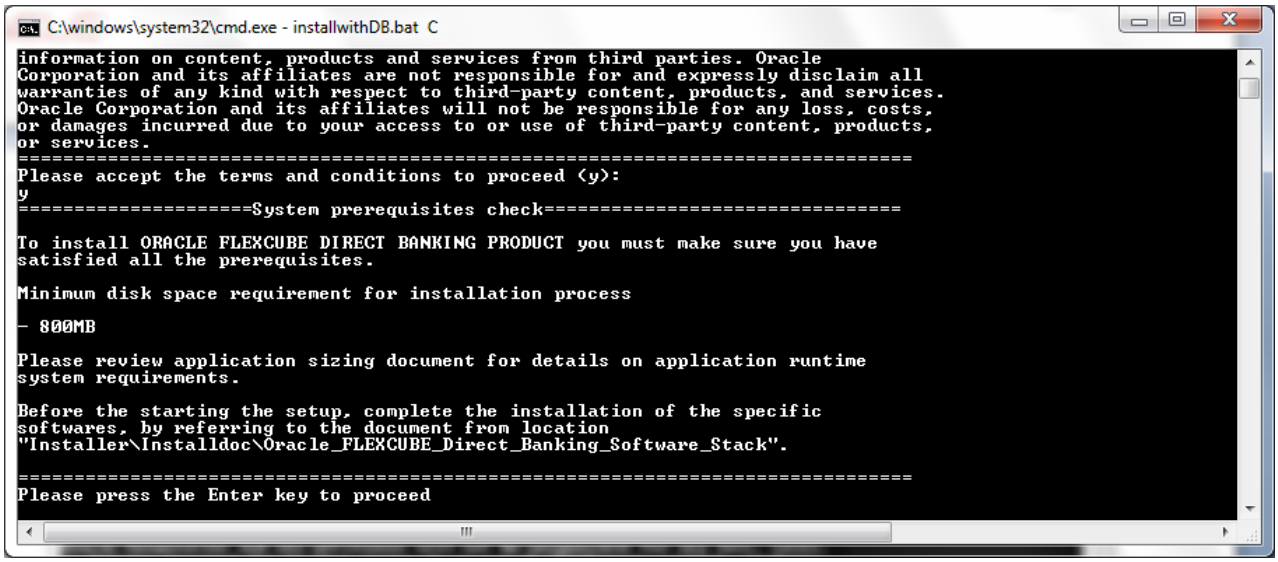
3. Welcome message will appear, Press Enter to proceed.



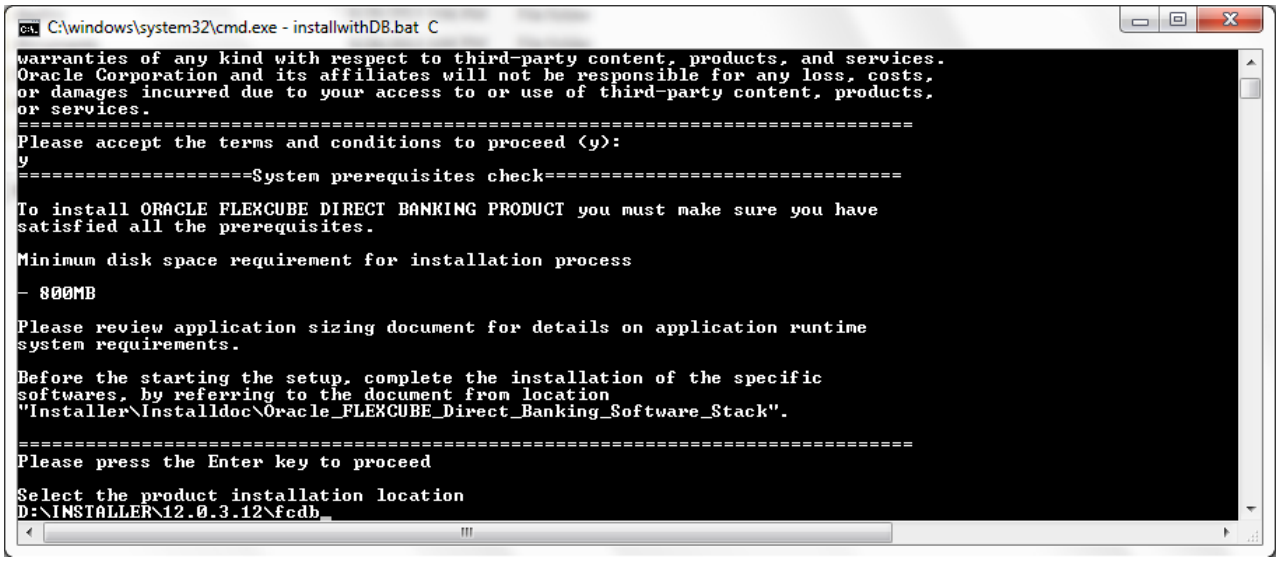
4. Terms and Conditions will be displayed. To proceed press <Y> and <Enter>.



5. Information regarding space requirements will be displayed. Press <Enter> to continue.



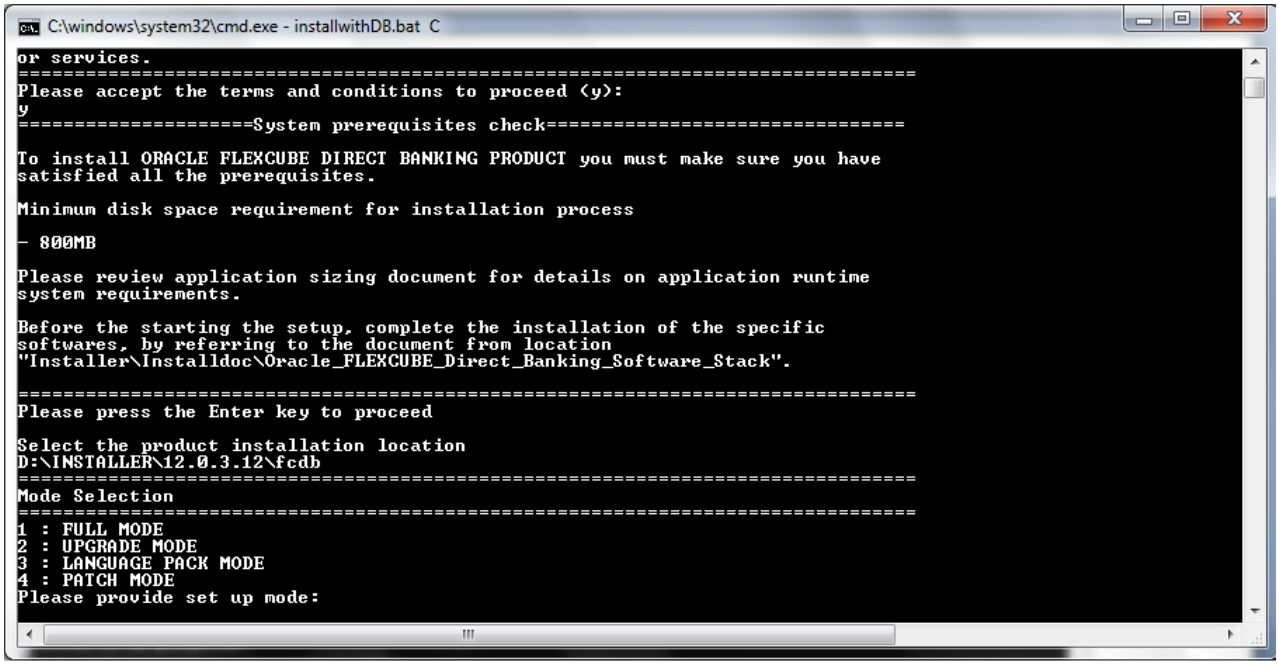
6. Enter the path of location where product is to be installed and press <Enter>.



7. Select the Mode

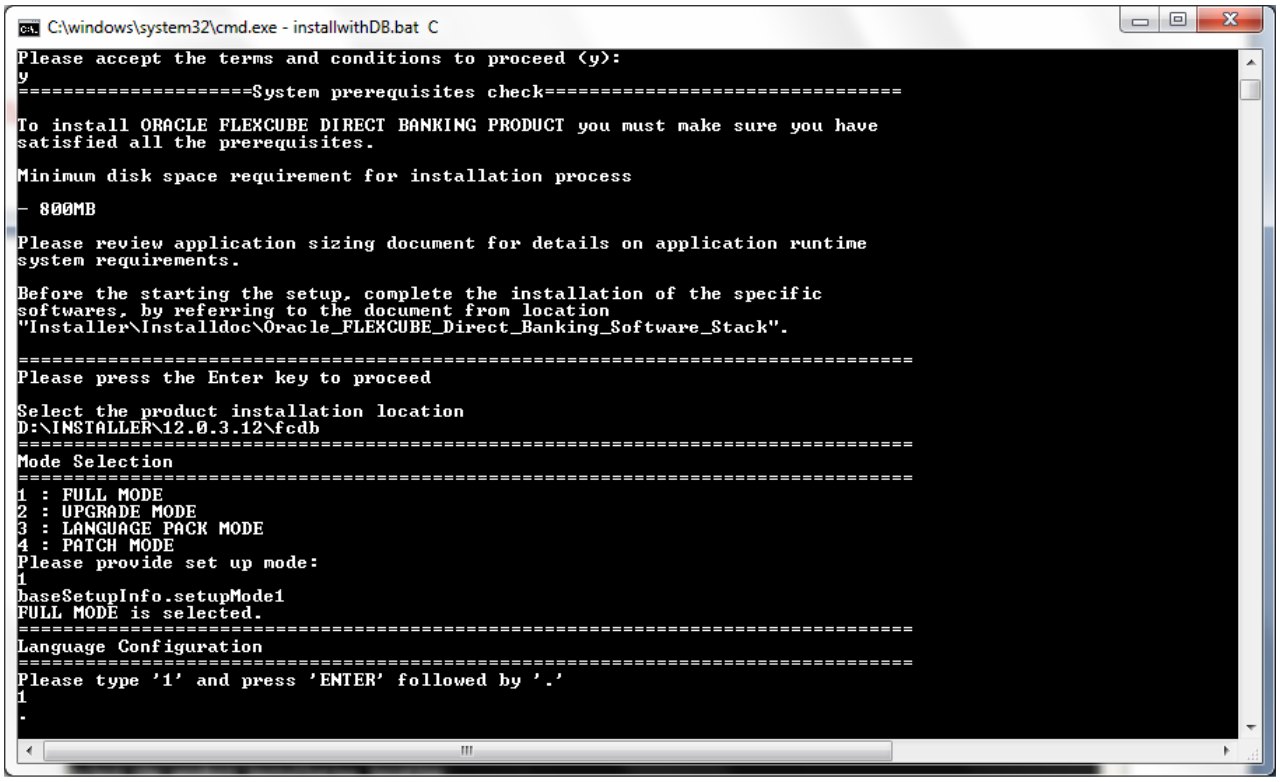
1. FULL 2.UPGRADE 3.LANGUAGE PACK MODE 4. PATCH MODE

→Press '1' or Press '2 or Press '3' or Press '4'→<Enter>

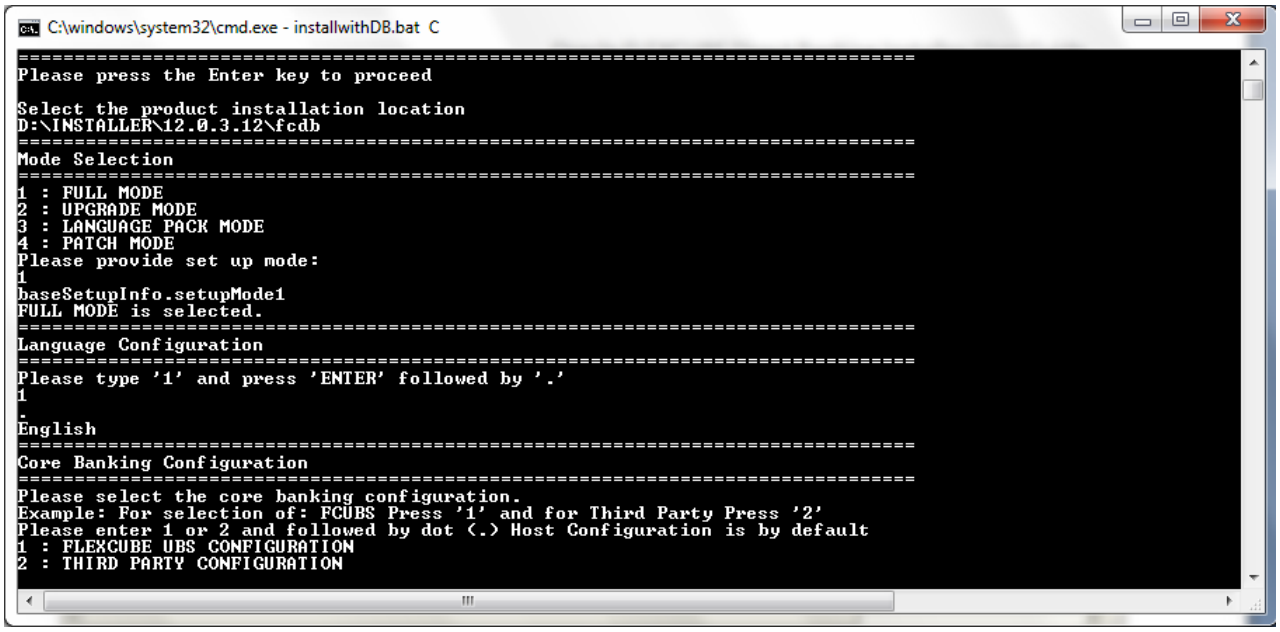


8. Language Selection Screen will be displayed.

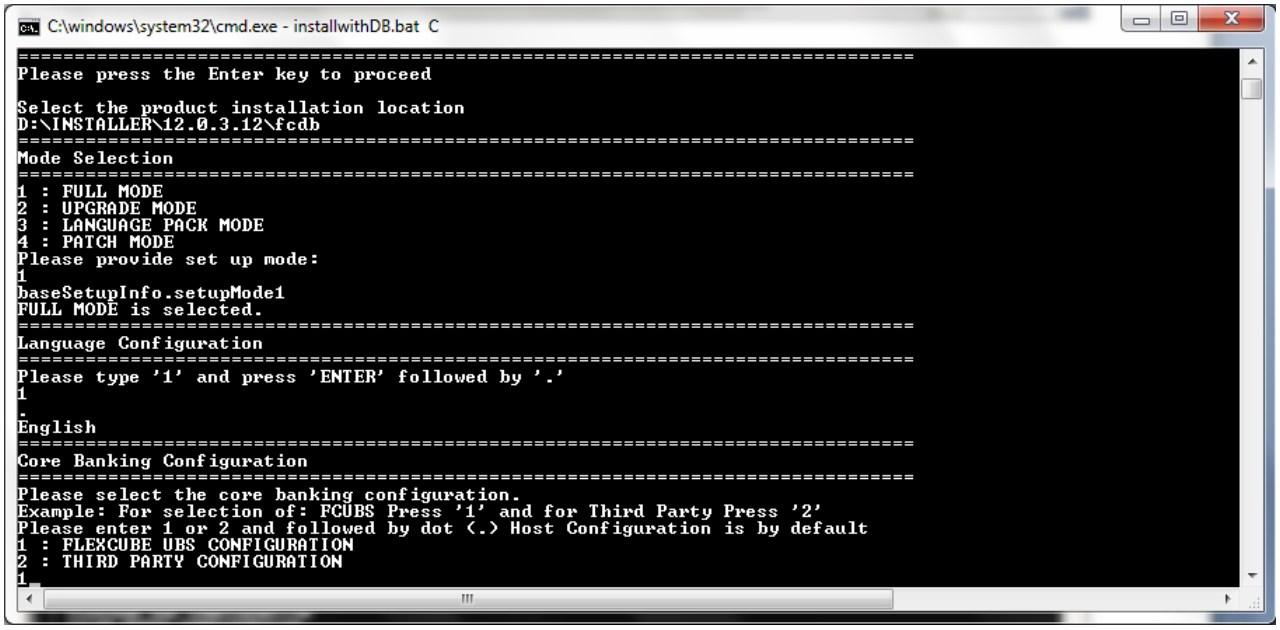
Press '1' →<Enter> →Press '.' →<Enter>


C:\windows\system32\cmd.exe - installwithDB.bat C
Please accept the terms and conditions to proceed (y):
y
====================System prerequisites check==============================
To install ORACLE FLEXCUBE DIRECT BANKING PRODUCT you must make sure you have
satisfied all the prerequisites.
Minimum disk space requirement for installation process
- 800MB
Please review application sizing document for details on application runtime
system requirements.
Before the starting the setup, complete the installation of the specific
softwares, by referring to the document from location
"Installer\Installdoc\Oracle_FLEXCUBE_Direct_Banking_Software_Stack".
Please press the Enter key to proceed
Select the product installation location
D:\INSTALLER\12.0.3.12\fcdb
Mode Selection
1 : FULL MODE
2 : UPGRADE MODE
3 : LANGUAGE PACK MODE
4 : PATCH MODE
Please provide set up mode:
1
baseSetupInfo.setupMode1
FULL MODE is selected.
Language Configuration
Please type '1' and press 'ENTER' followed by '.'
1
.

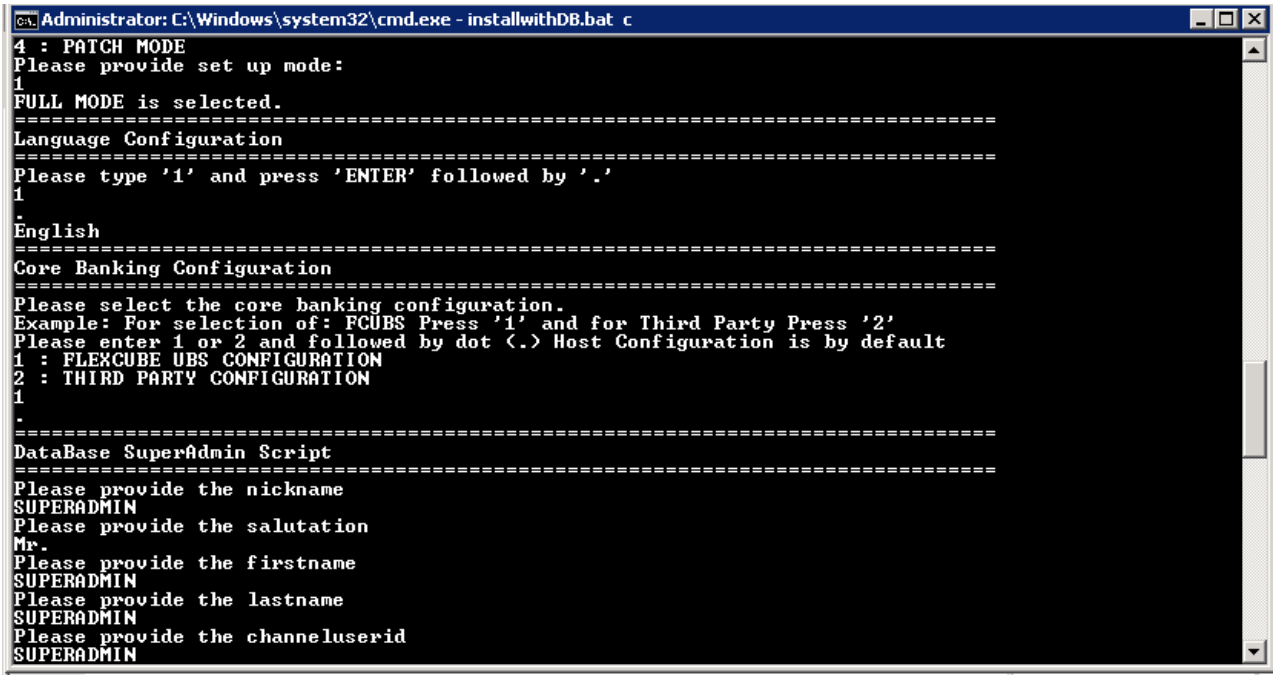
9. Selected languages will be displayed and Core Banking Configuration options will be displayed



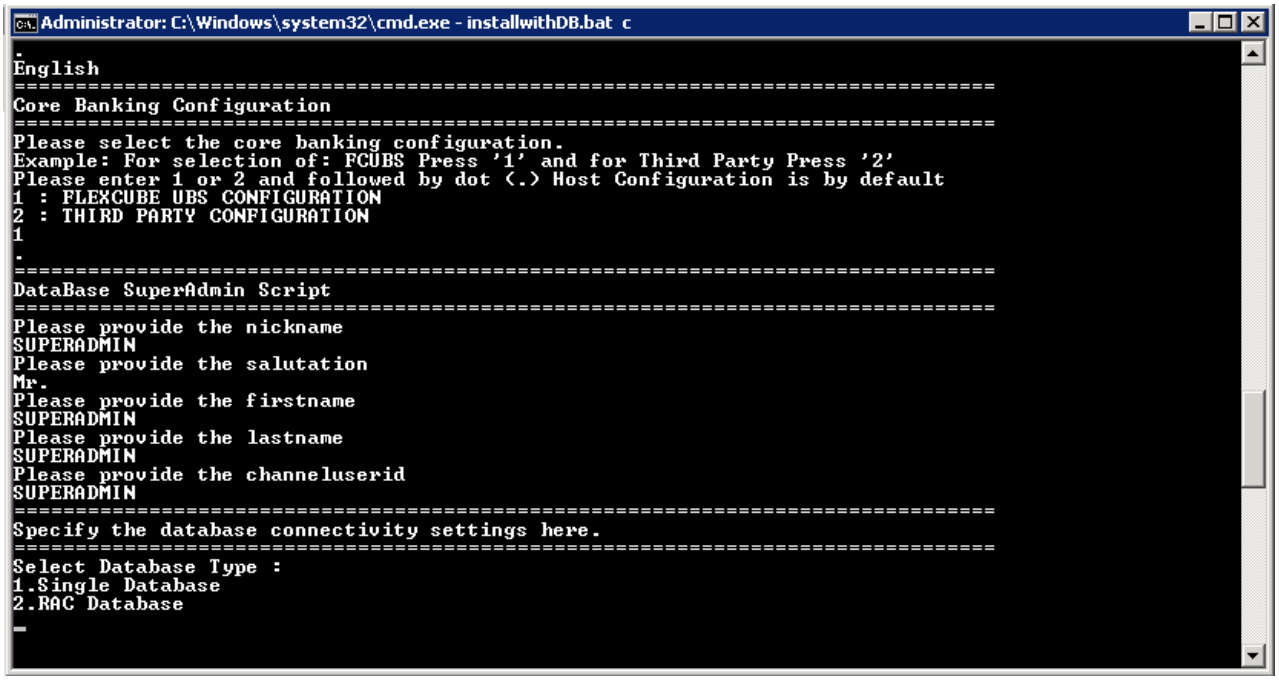
10. Select the core banking option. (Procedure is same as Language selection)



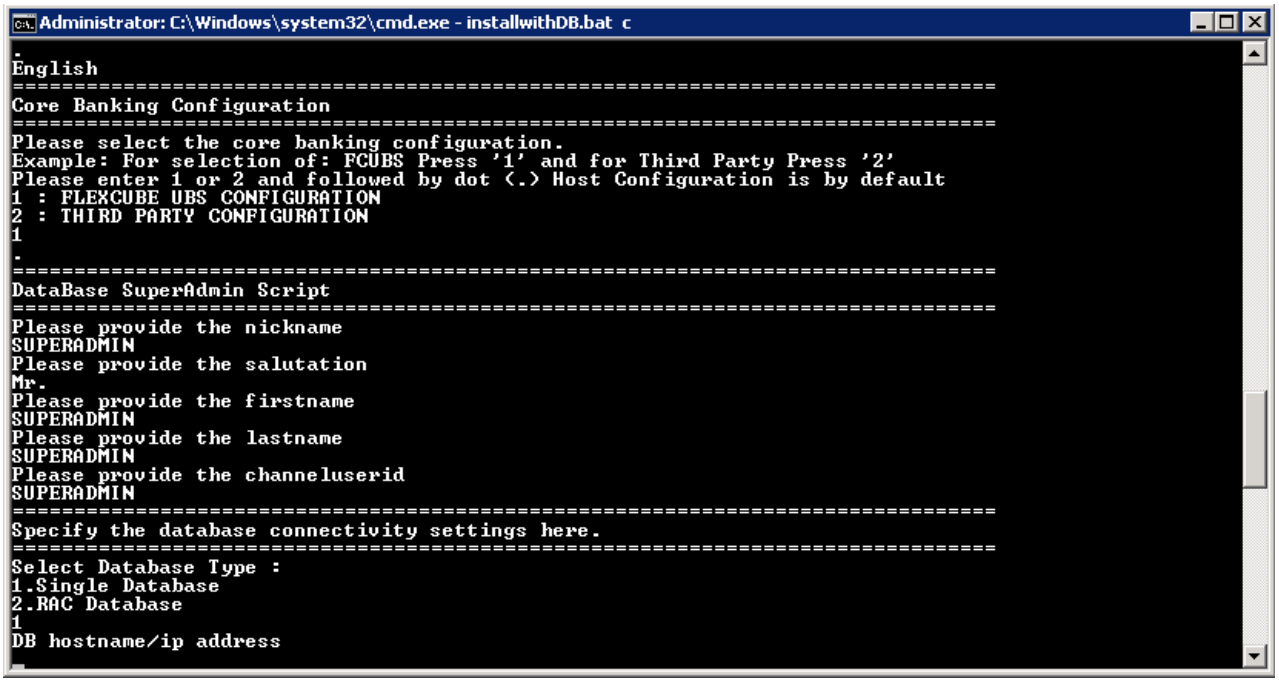
11. Selected Core Banking will be displayed and Installer will ask to enter Database superadmin script Settings. The required input for the database connectivity setting is same as GUI Mode.



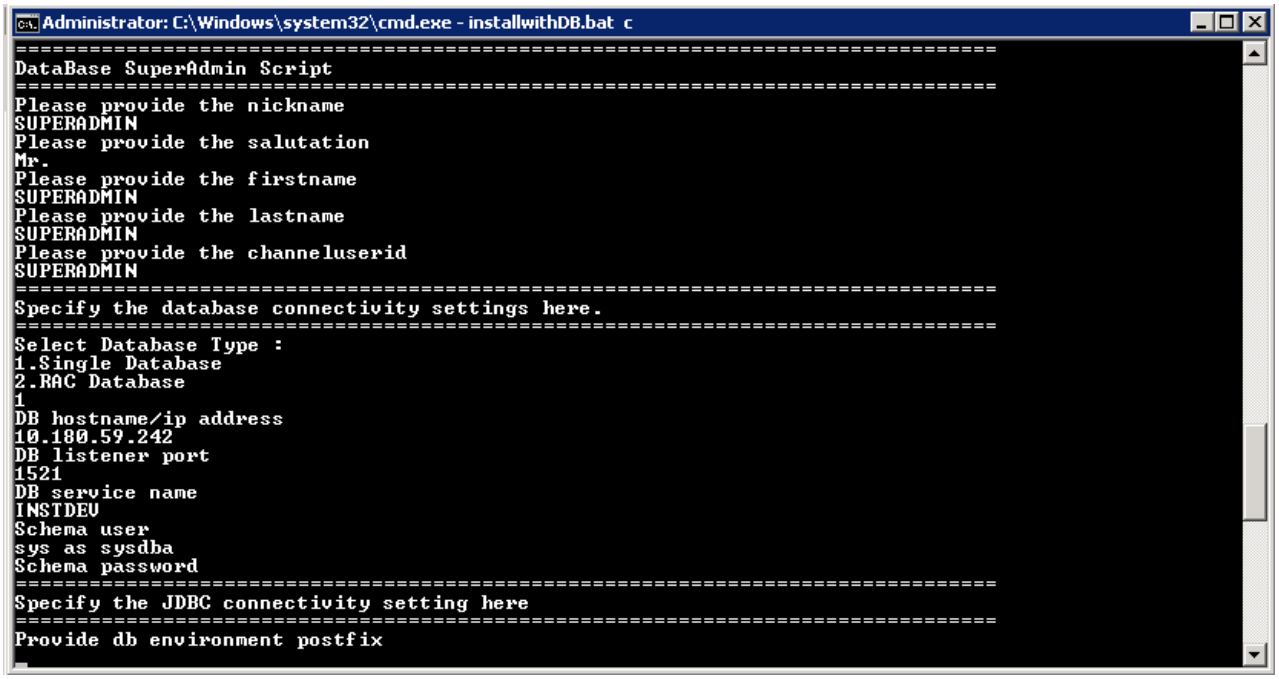
12. Selected Database superadmin script will be displayed and Installer will ask to select the Database Type. The required input for the database connectivity setting is same as GUI Mode.



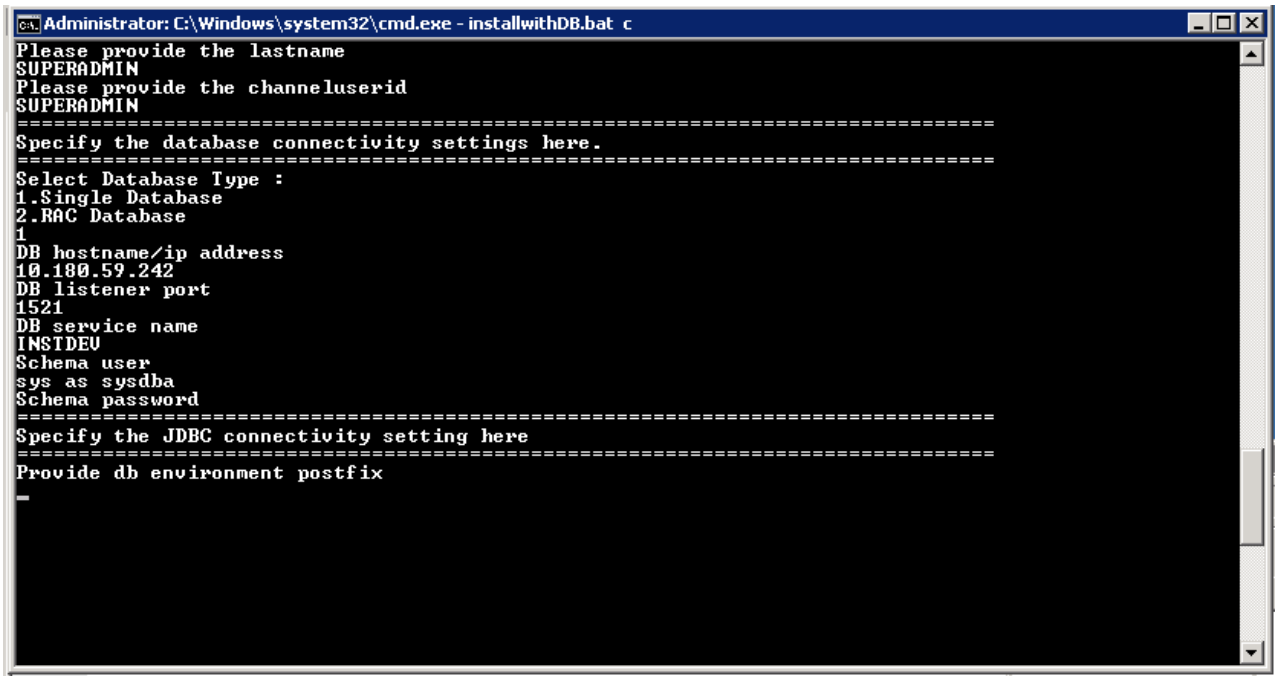
13. Selected Database Type will be displayed and Installer will ask to enter Database connectivity settings. The required input for the database connectivity setting is same as GUI Mode.



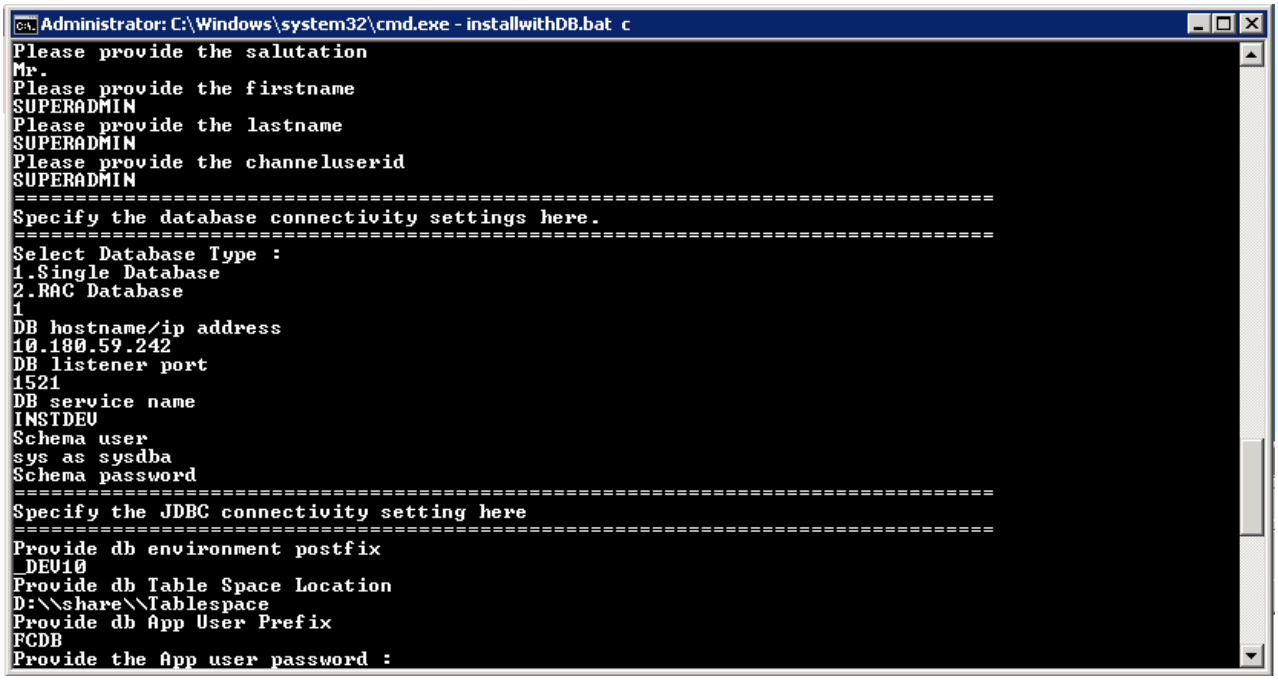
14. Enter the database connectivity settings and press <Enter>.



15. Installer will ask to input JDBC connectivity settings. The required input for the JDBC connectivity settings is same as GUI Mode.



16. Provide the JDBC connectivity settings and press <Enter>.



Note :

1. In case of Command Mode Enter Tablespace Location as ::

D:\\oracle\\product\\10.2.0\\oradata\\fcat

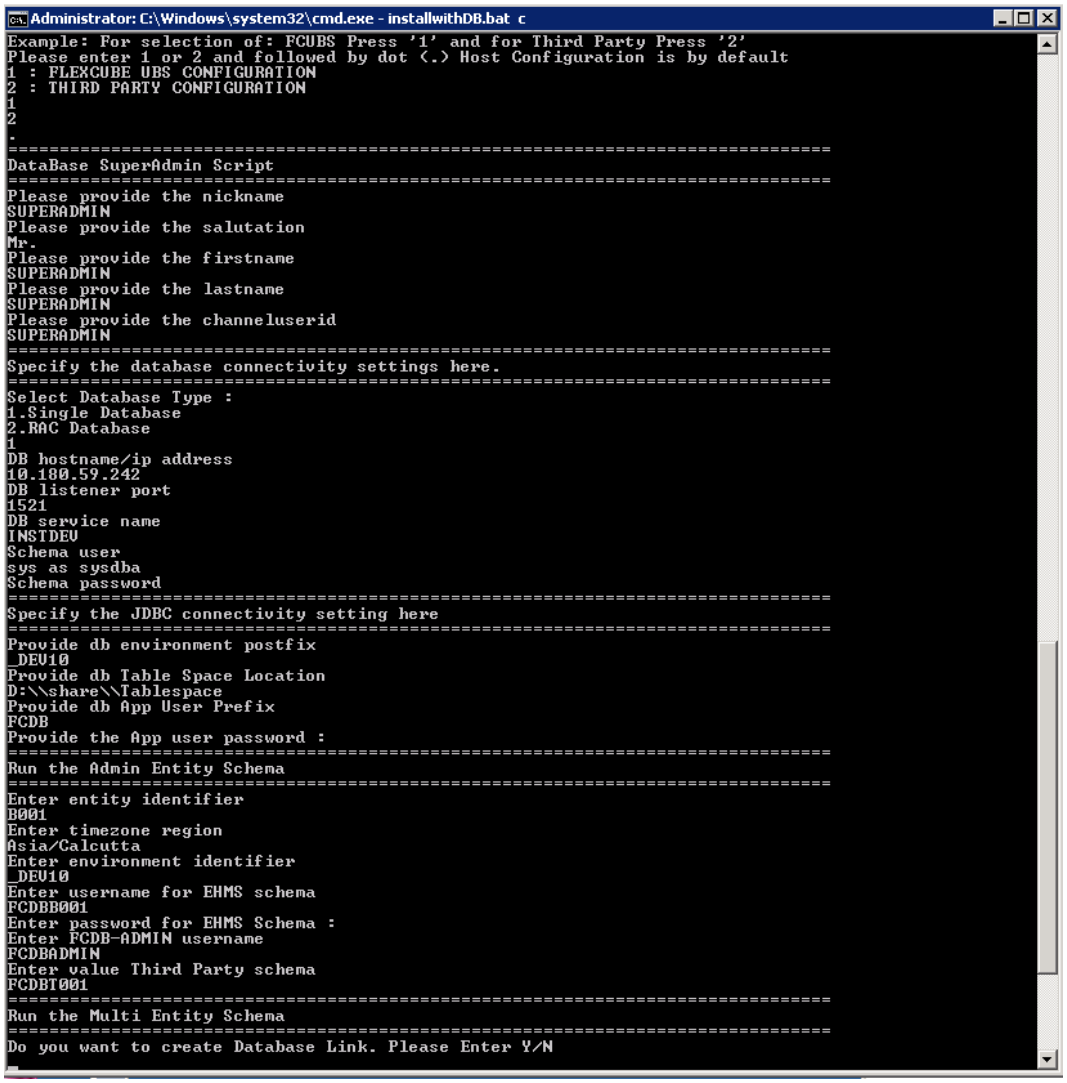
2. In case of **ASM** kind of database Please specify the table space location as :

```
+dgroup

Where dgroup is the name of diskgroup.
```

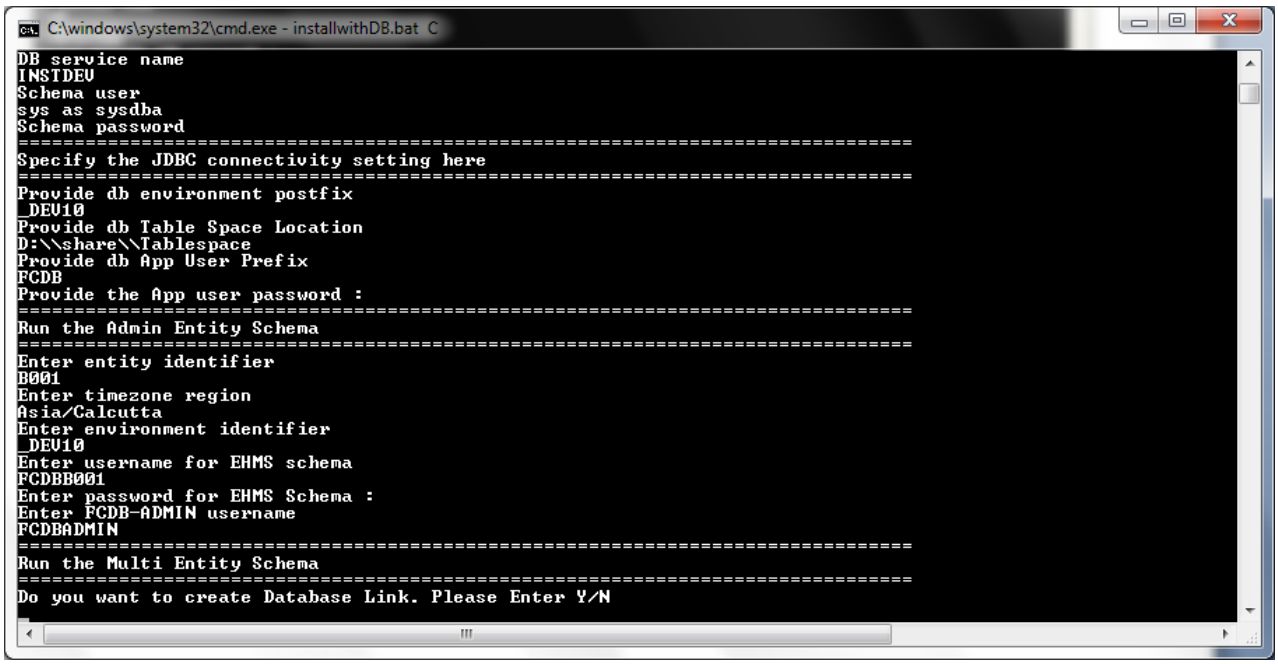
3.In case of third part following screen will appear

Provide FCDBT001 for value of third party schema .



***Note**: For installations involving only Third Party System (non-FLEXCUBE), the steps mentioned below are not to be followed , please follow steps from ..Page 43*

17. Installer will ask Admin Entity Schema details. The required input for the Entity Schema settings is same as GUI Mode and press <Enter>.



18. Selected Entity Schema script will be displayed and Installer will ask to enter Multi Entity Schema settings. The required input for the Multi Entity Schema setting is same as GUI Mode.

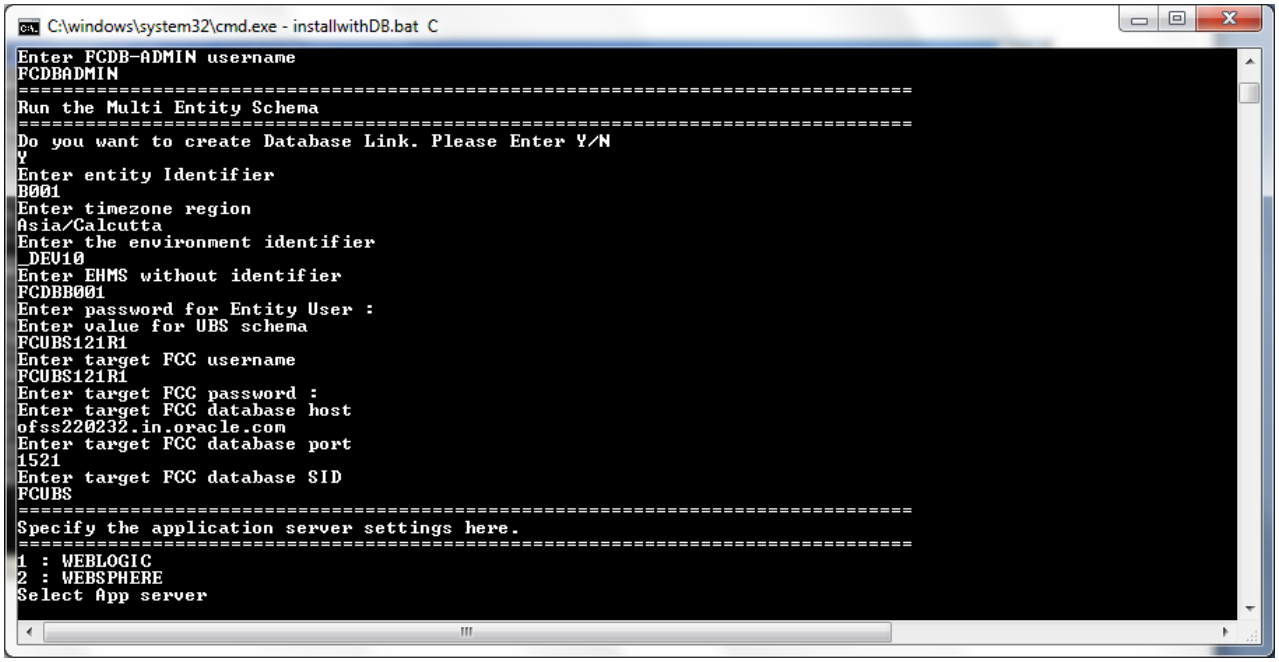
This screen will provide two option:-

1. Schema to dblink(different Schema)
2. Dblink to Schema(Schema to Schema)

IMP Note :- If you want to create database link in different Schema please Enter 'Y'.

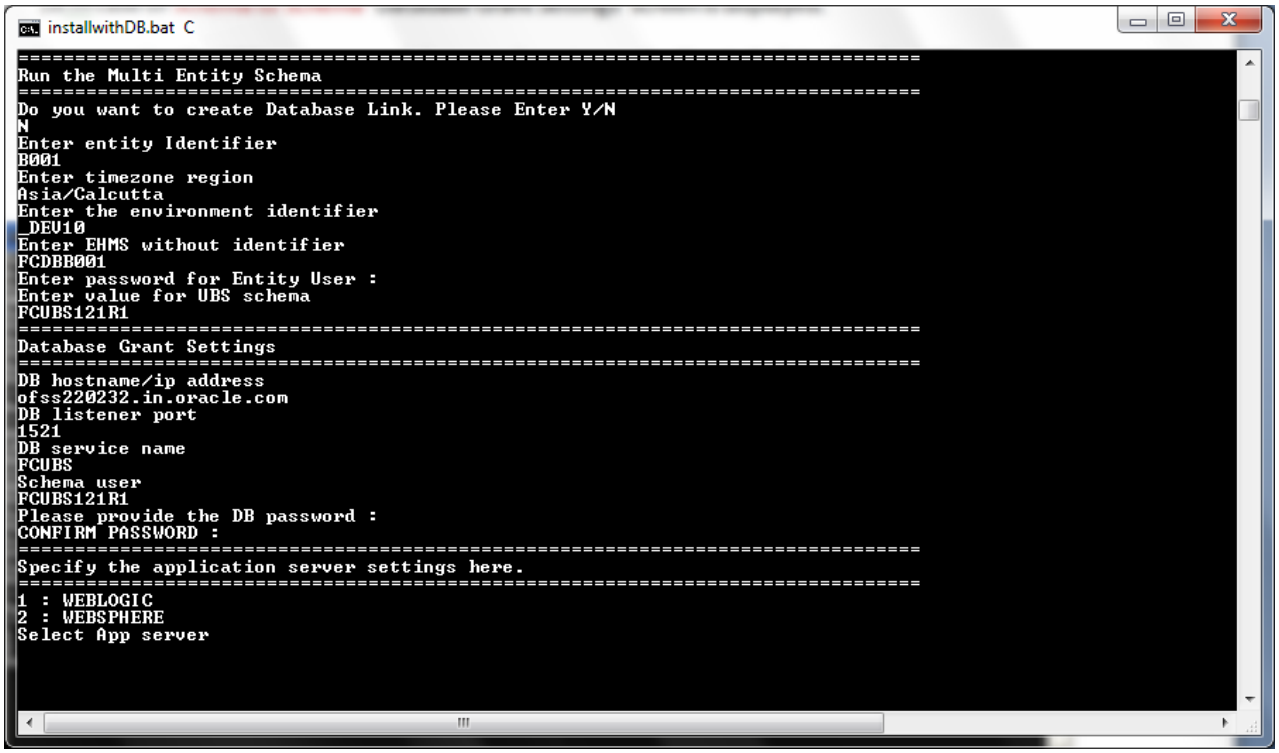
or

In case of Schema to Schema please Enter 'N'.



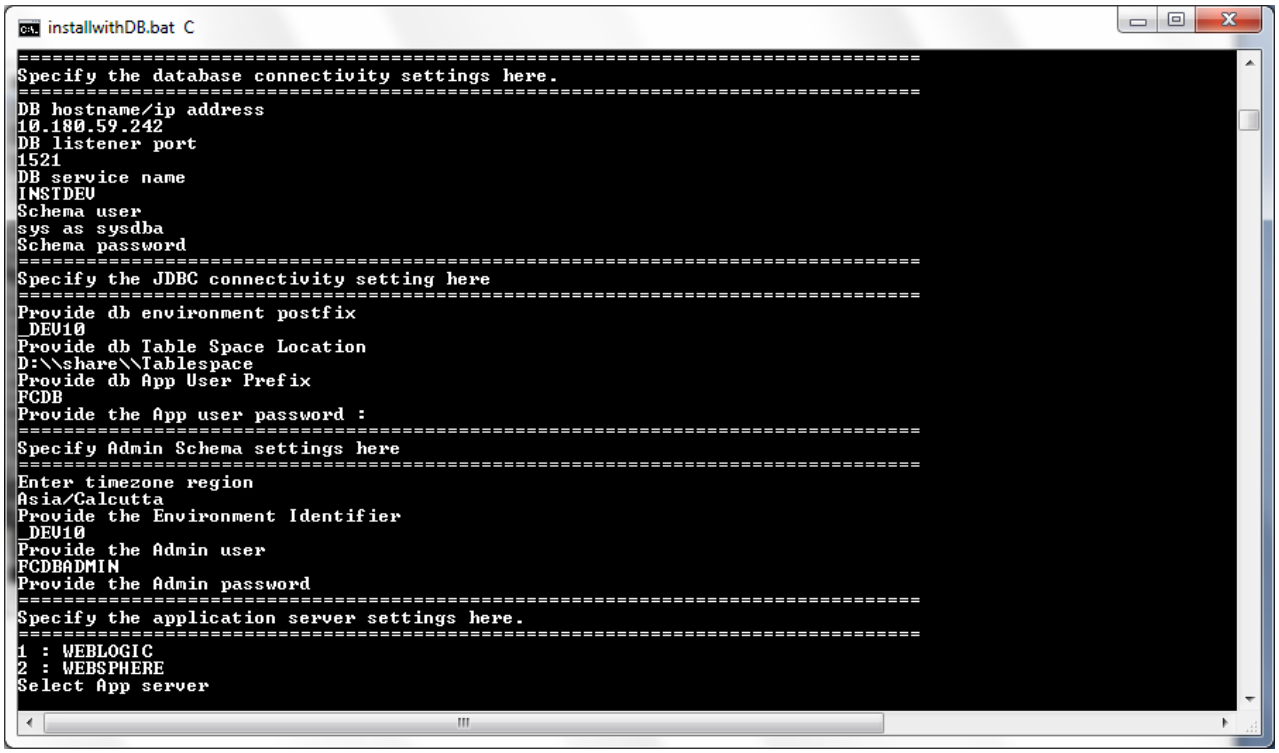
19.In case of Schema to Schema 'Database Grant Settings' screen is displayed.

For accessing the UBS synonyms and views, we have to run the Grants Script related to UBS.

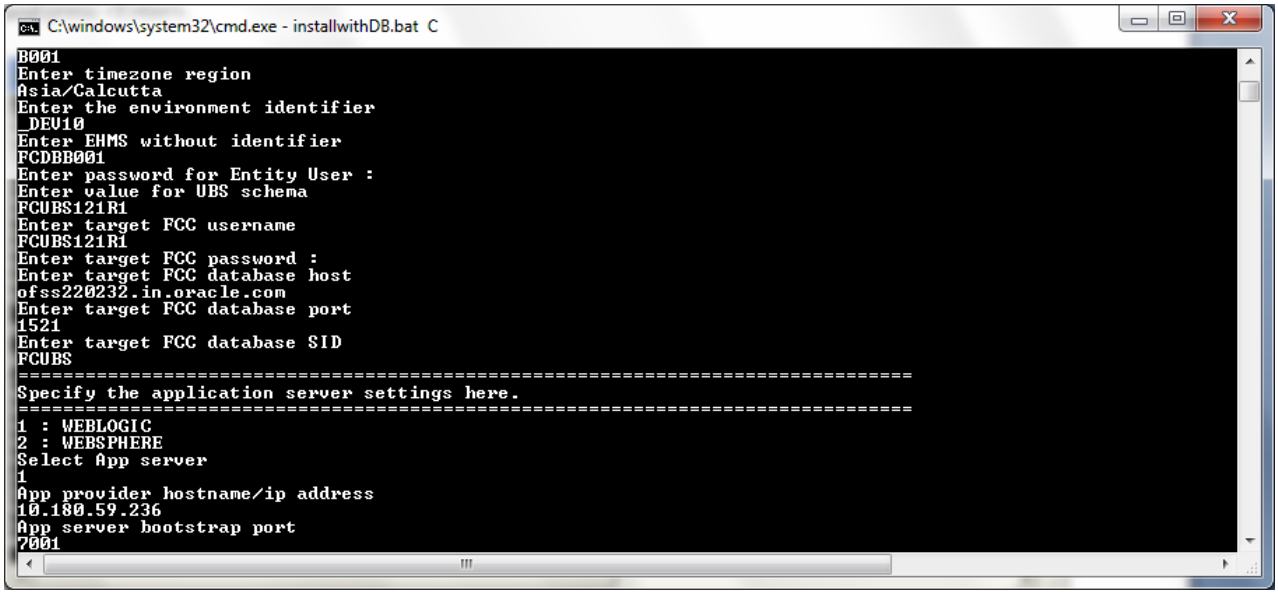


Note : In case of Third Party Configuration.

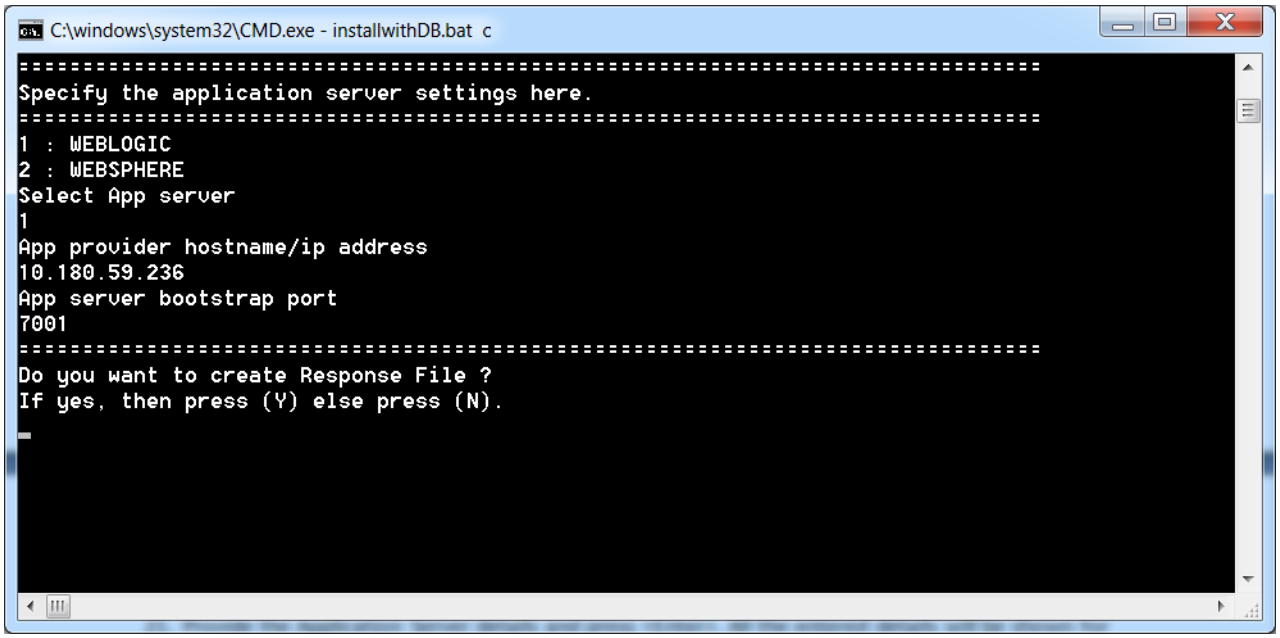
20. Installer will ask Admin Schema details. The required input for the Admin Schema settings is same as GUI Mode and press <Enter>.



21.Installer will ask Application server details. Enter the code of the application server to be selected and press <Enter>. Provide the Application Server details and press <Enter>.



22. On next, Installer allows the user to create response file. Input for whether the Response file will be created or not is required.



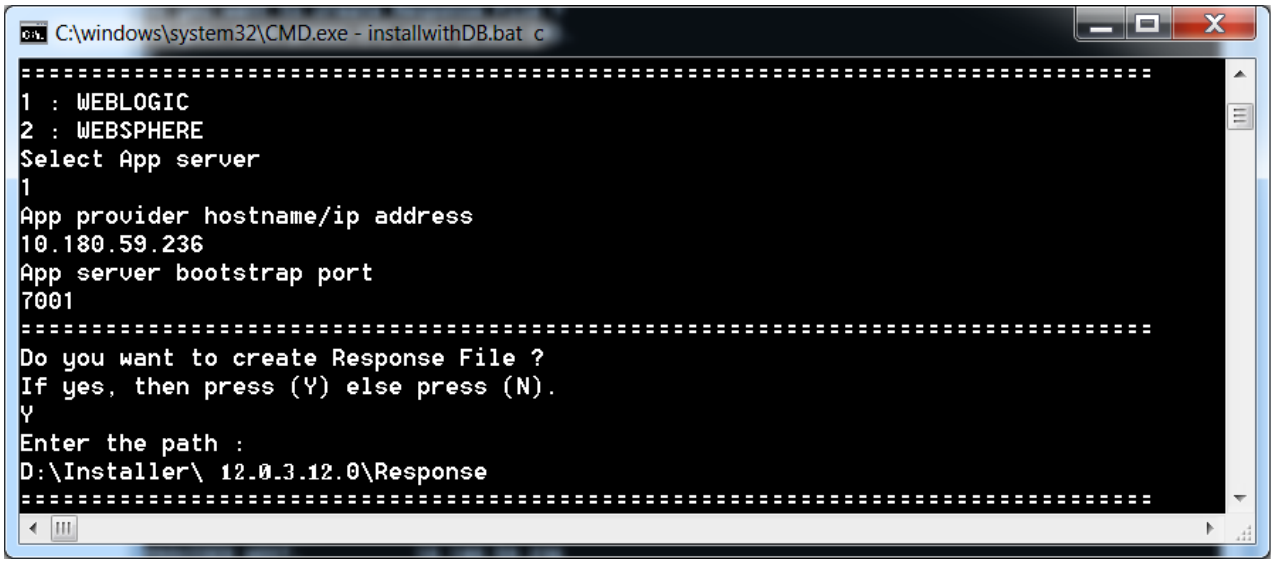
If 'yes' is selected, Give path to create response file.

Please choose the appropriate option and provide the proper path for the response file to be created.

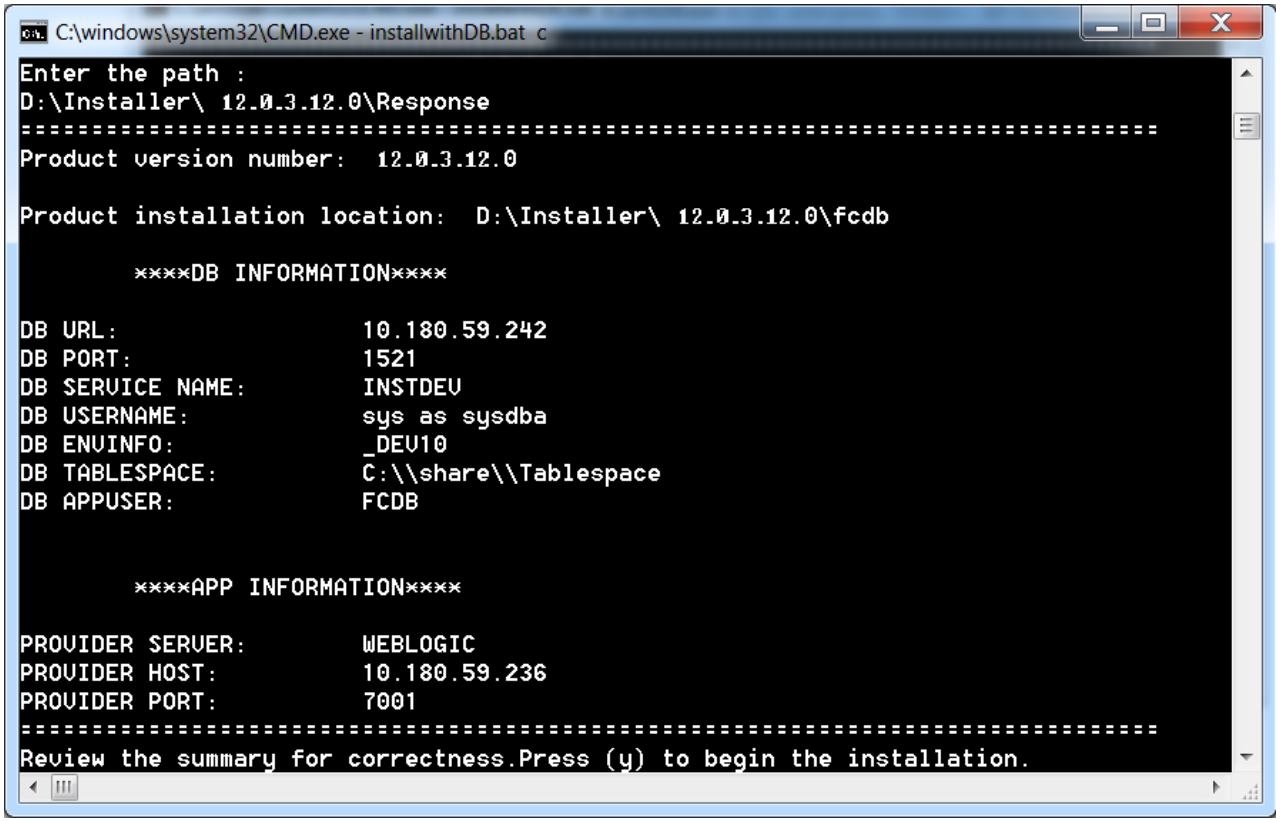
Click <Enter> to proceed.

If 'yes' is selected, Response File will be created on complete installation at given location.

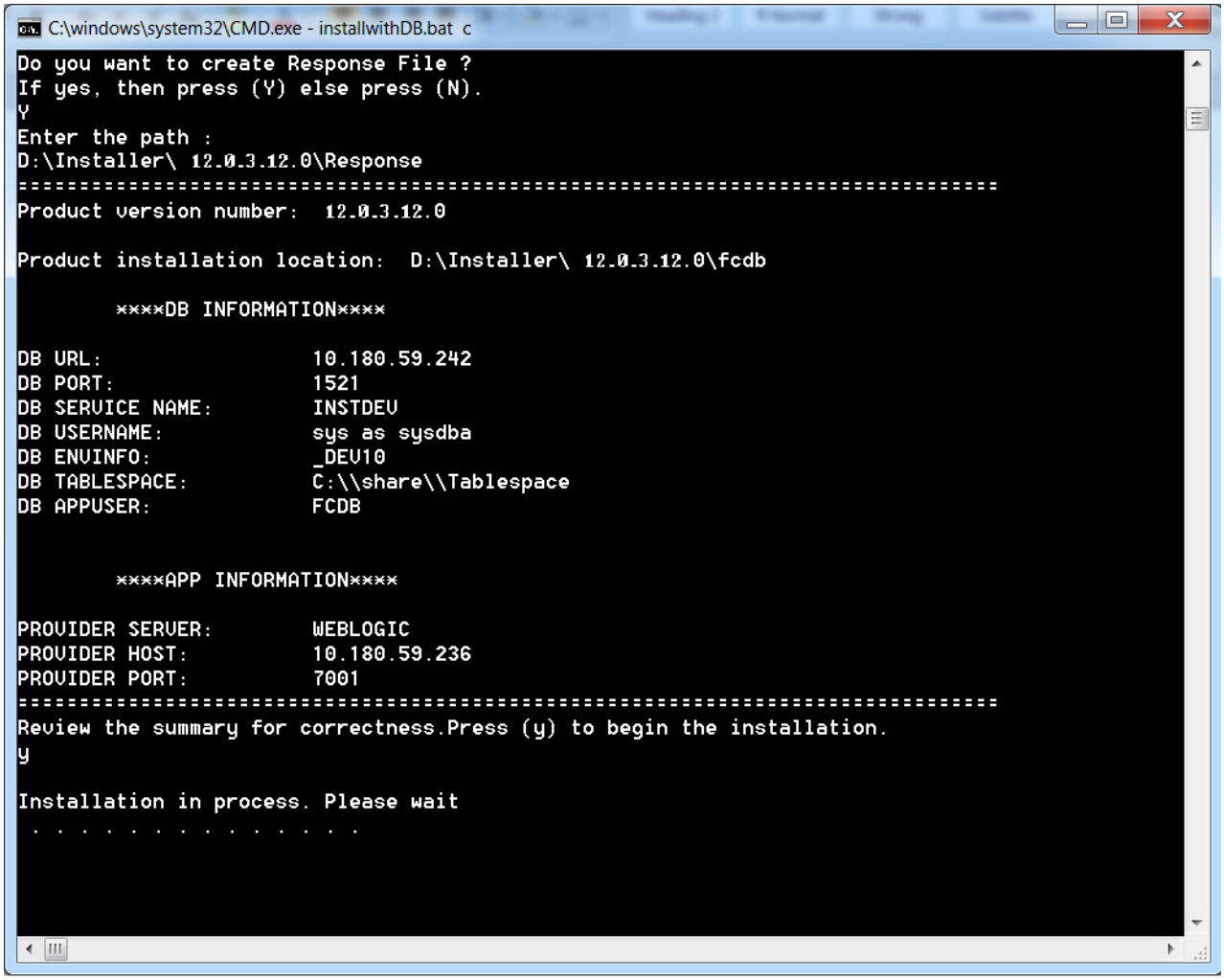
Note: Response file captures all inputs given at time of executing Installer.



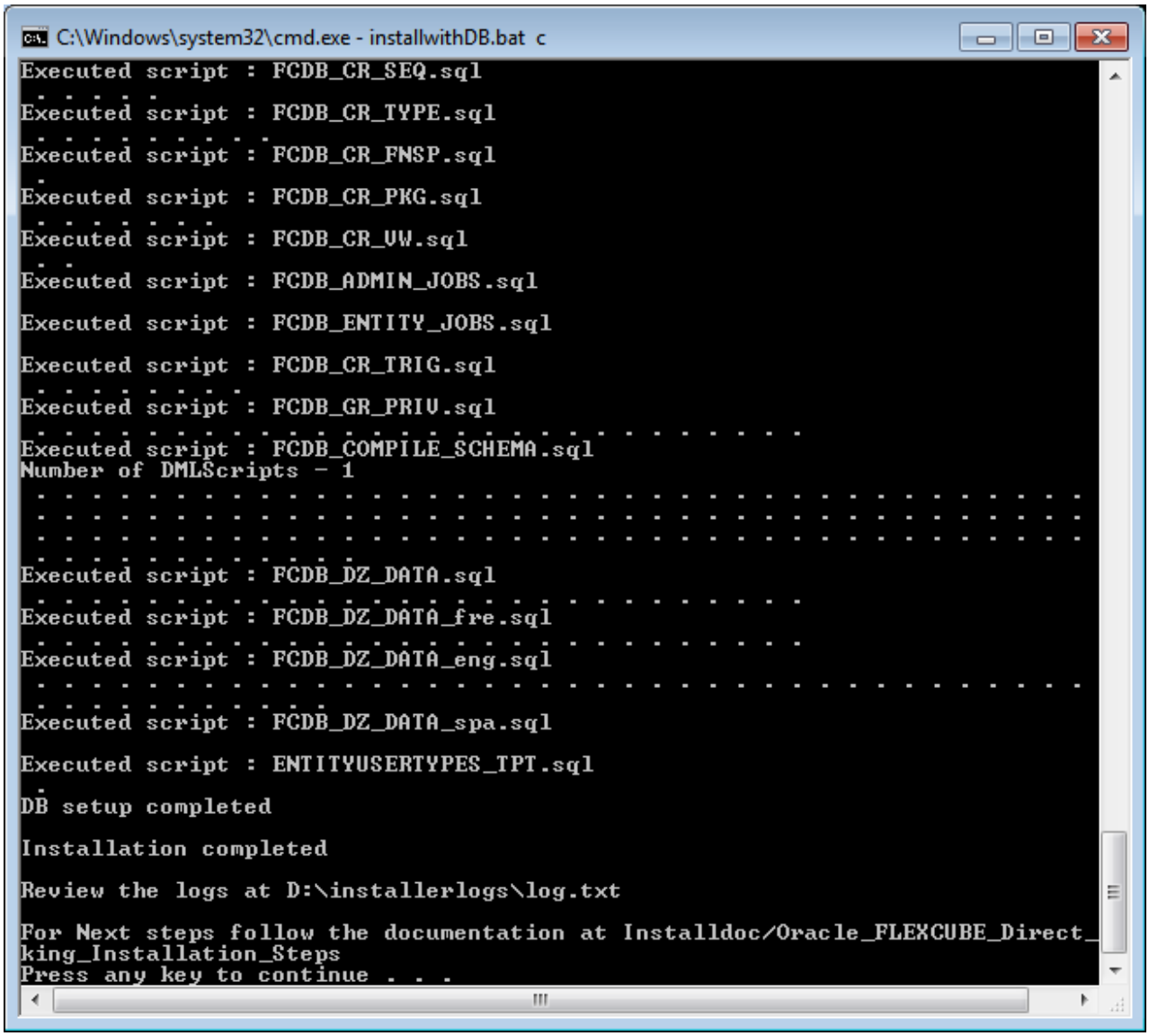
23. All the entered details will be shown for verification. Review the details and input ‘Y’



24. Review the details and input ‘Y’. Press <Enter> to begin installation. If you want to modify the settings please stop the installation and start again.



25. Once installation is completed successfully following message will be displayed.



26. Once you finish entity schema creation please modify secureproperties.bat/ secureproperties.sh based on windows or Linux environment respectively from below mentioned locations.

File Name	OS
<FCDB BASE DIR>\system\build\tools\securepropertiesfiles.bat	Windows
<FCDB BASE DIR>/system/build/tools/securepropertiesfiles.sh	Linux

Modify the following text in file accordingly

FROM

SET FCDB_BUILD="%base%\system\build\kernel\
FCDB_kernel.jar;%base%\system\build\extclasses\jars\
oracle\ojdbc6.jar;%base%\system\build\extclasses\jars\axis\log4j-1.2.16.jar;"

TO

SET FCDB_BUILD="%base%\system\build\kernel\{JDK VERSION}\{JAR
FILE};%base%\system\build\extclasses\jars\{{JDK VERSION}\
oracle\ojdbc6.jar;%base%\system\build\extclasses\jars\{JDK VERSION}\axis\log4j-
1.2.16.jar;"

After executing the file a prompt will appear.

Steps:-1

Prompt : -→ "Enter base working directory location"

Please provide the base working directory.

Steps:-2

Prompt : → Enter action on properties files.

Please provide E or D.

E – Encrypt

D - Decrypt

6. Semi – Silent and Silent FCDB Installer

There are many situations where the same installation might need to be repeated on many machines. Therefore feeding the same inputs on each of the machines after installing on one machine will be a tedious and time consuming job. To avoid the redundant steps of feeding the same inputs every time on all the machines, the FCDB Installer can be run in a mode that it takes inputs from the response file generated in the main installation. This running mode is called either Semi-Silent mode or Silent mode. When the user wants to see the input parameters fed in the main installation, he/she can run the installer in Semi-Silent mode where a summary of the input

parameters are shown on the screen. To see all the input parameters in the Semi-Silent mode, the user can check the response file, the path and name of which is displayed on the screen. If it is not required to see the input parameters, the user can run the Installer in silent mode. In this mode, there are no user input parameters shown on the screen. Both Semi-silent and Silent installers can be run in both GUI as well as command mode.

The following table lists the parameters to be used to run the installer in Semi-Silent or Silent mode.

a. Steps to be executed before running the Semi-Silent/Silent Installer

1) The response file generated while running the FCBD installer on the first machine at the location specified for the generation of response file (step 16 of swing input mode and step 21 of command input mode of previous section) needs to be copied to the machine where you are going to run the Semi-Silent/Silent Installer.

2) There are some changes required in <Installer directory>/InstallConfig/buildConfig.xml before running the FCDB Installer in Semi-Silent/Silent mode. The value in INPUTEXCELPATH tag should point to the location where the response file from the first installation has been copied as mentioned in the previous step. An example is shown below.

   <INPUTEXCELPATH>C:\FCDB_INSTALLER\FULL_MODE_INSTALLER_INPUTS_TPT.xml</INPUTEXCEL PATH>

3) The BASE_LOC tag of the response file copied as mentioned in the first step should point to the new directory always for full mode installation. An example is shown below.

   <BASE_LOC Field="Select the product installation location">C:\FCDB</BASE_LOC>

4) All the other tags which might need a change should also point to appropriate value. For e.g. it might be decided that the port number of the application servers should run on another server, in which case, the APP_PORT tag value should be changed to make it different from application port numbers running on other port numbers.

   Even, the passwords will not be generated in the response file, so the user needs to always mention the required password for the admin and entity.

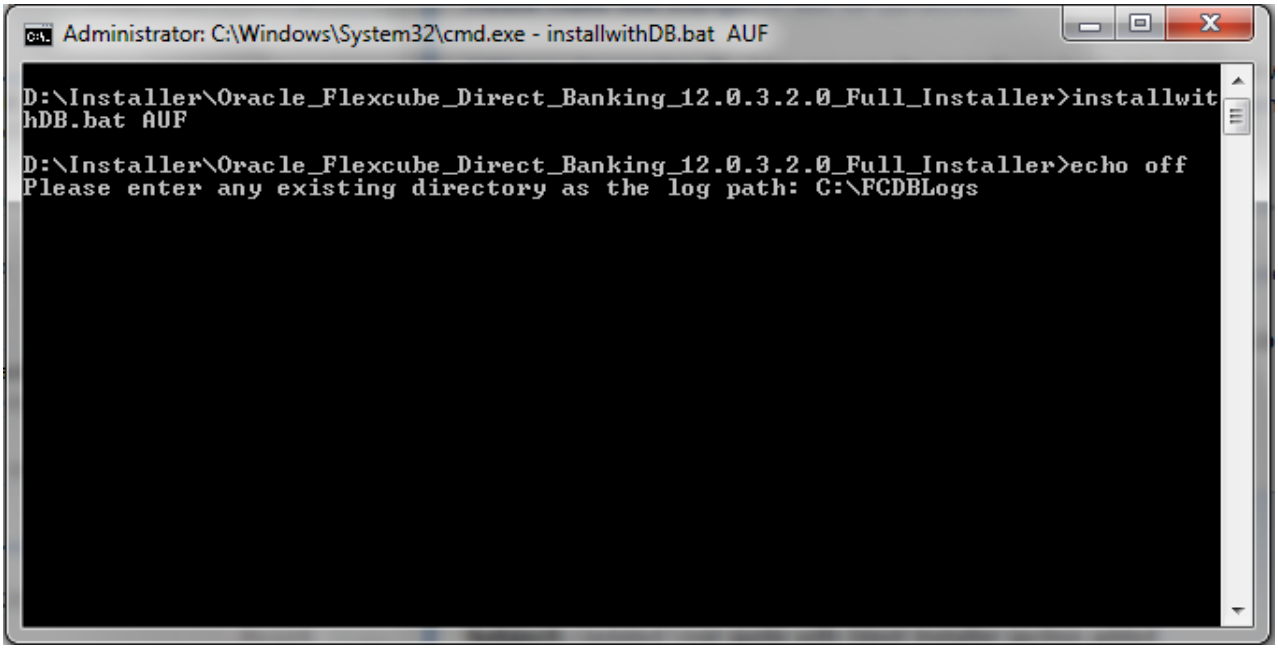
   Also, the environment postfix value should not have a value which matches the previous installed schema name in case of full mode installation.

b. Semi-Silent Installer in GUI mode

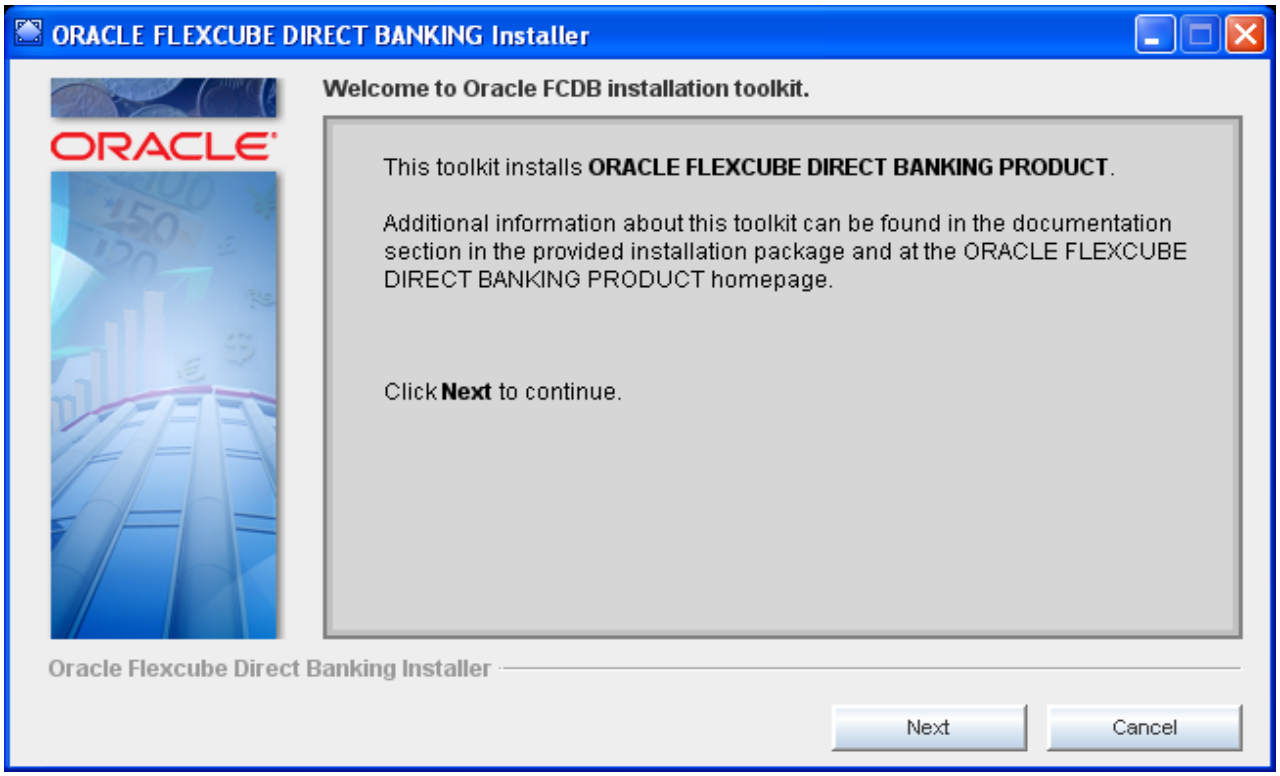
To run the Semi-Silent Installer in GUI mode, the following command needs to be run

OS	Command query
Windows	<Installer CD>/installwithDB.bat **AUF**
Unix	sh installwithDB.sh **AUF**

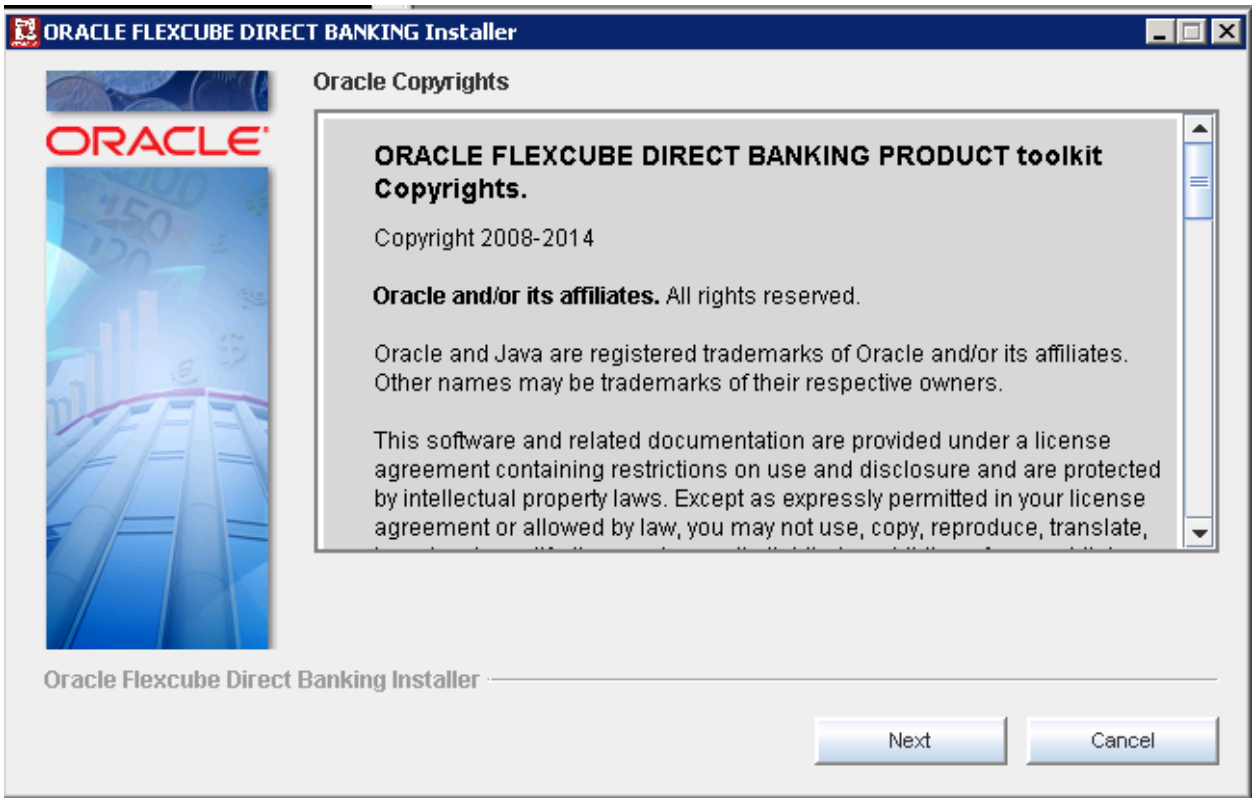
The Semi-Silent installer will then ask for the path where the log files needs to be created.



1. After entering the log path, the welcome screen of the FCDB installer appears as shown below.

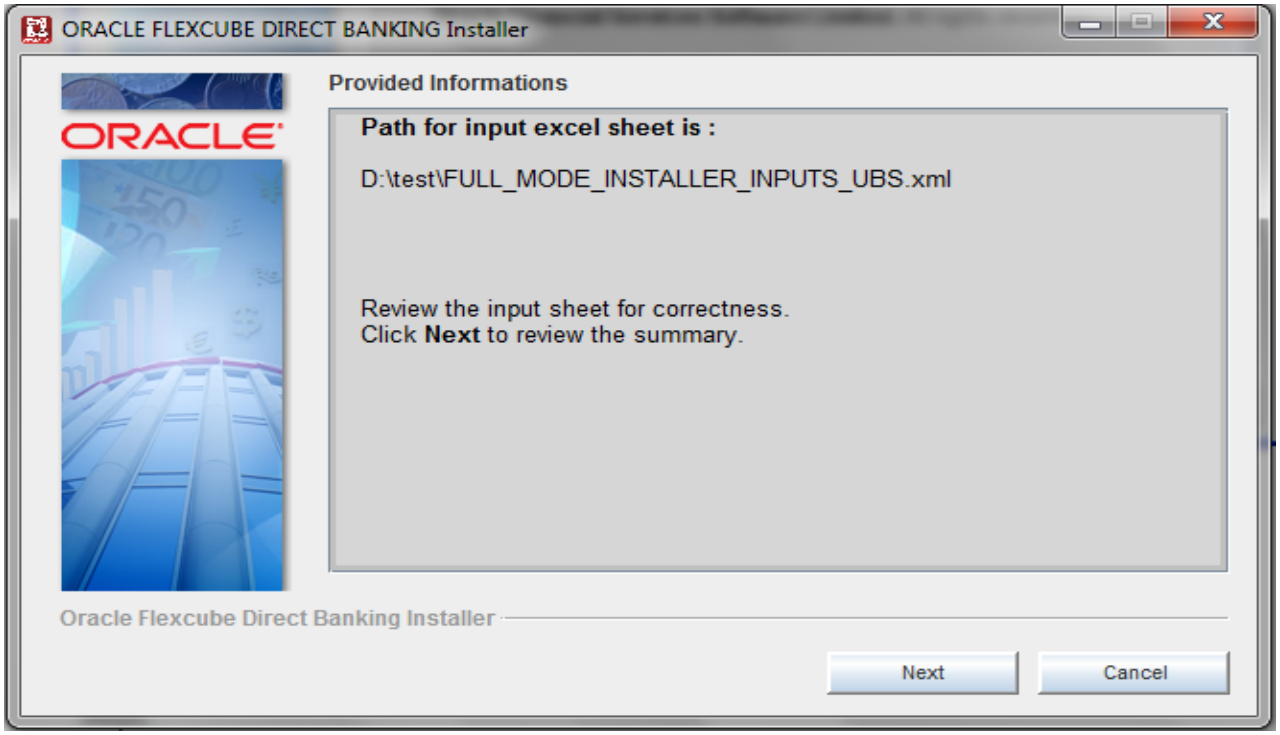


2. On pressing the next button the copyrights screen is displayed

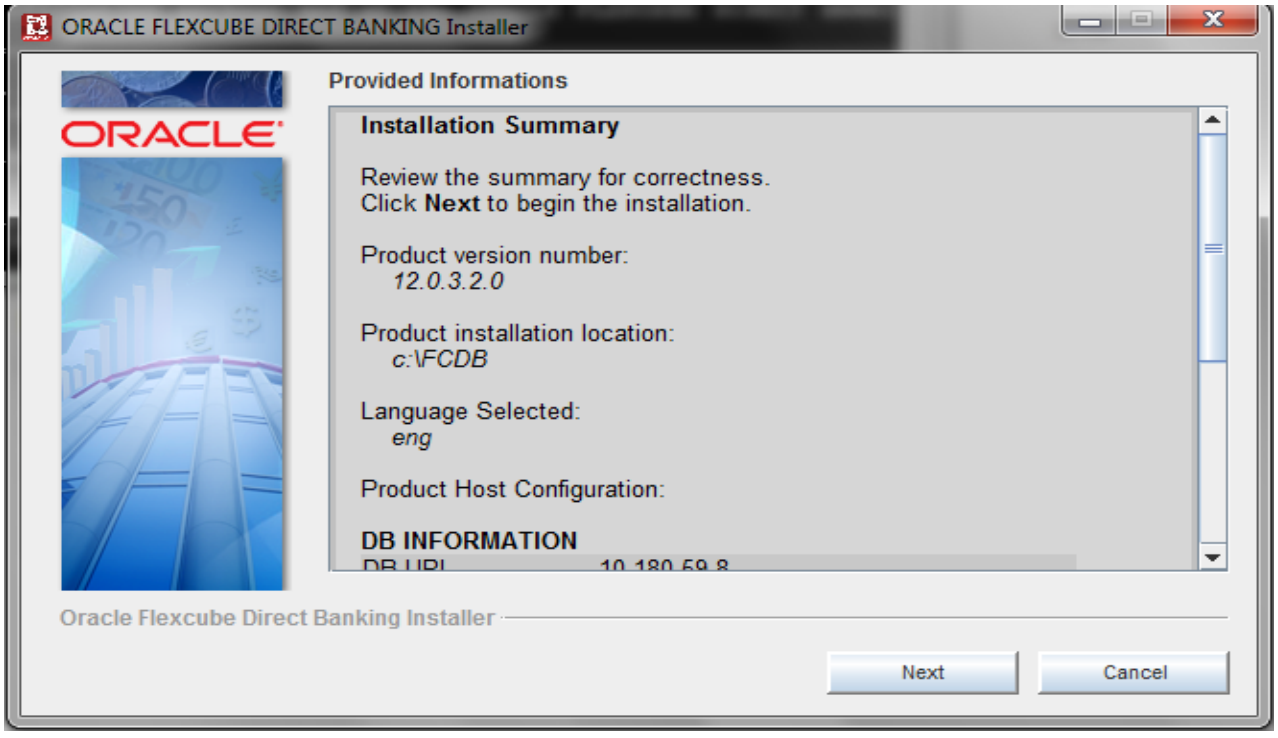


3. On pressing next button the path where the installer picks the response file from is displayed. This is the location mentioned in the INPUTEXCELPATH of

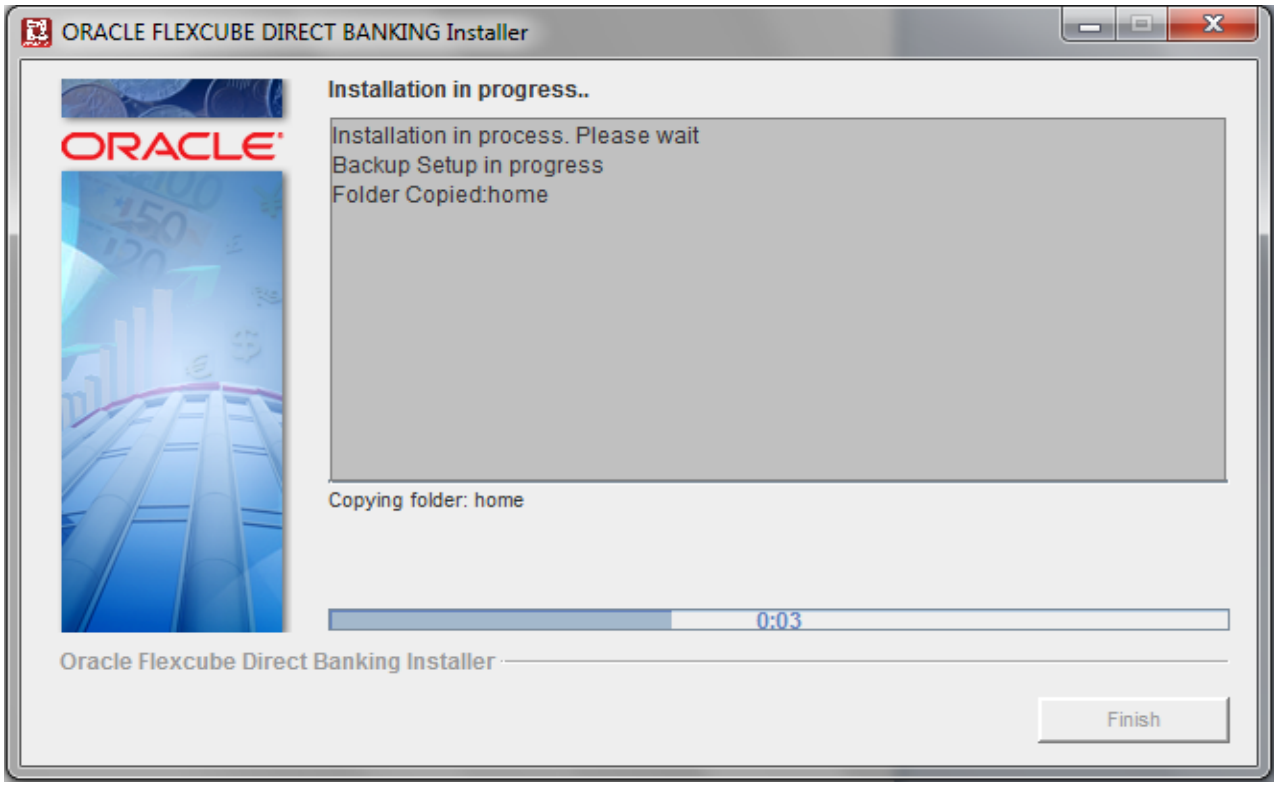
   <Installer directory>/InstallConfig/buildConfig.xml.



4. On pressing the next button, the parameters mentioned in the response file is shown



5. On pressing the installation starts and the progress of the FCDB Installation is shown



6. After the Installation completes, the finish button gets enabled. Pressing the Finish button, the screen disappears to indicate that the installation has finished and there are no more steps left.

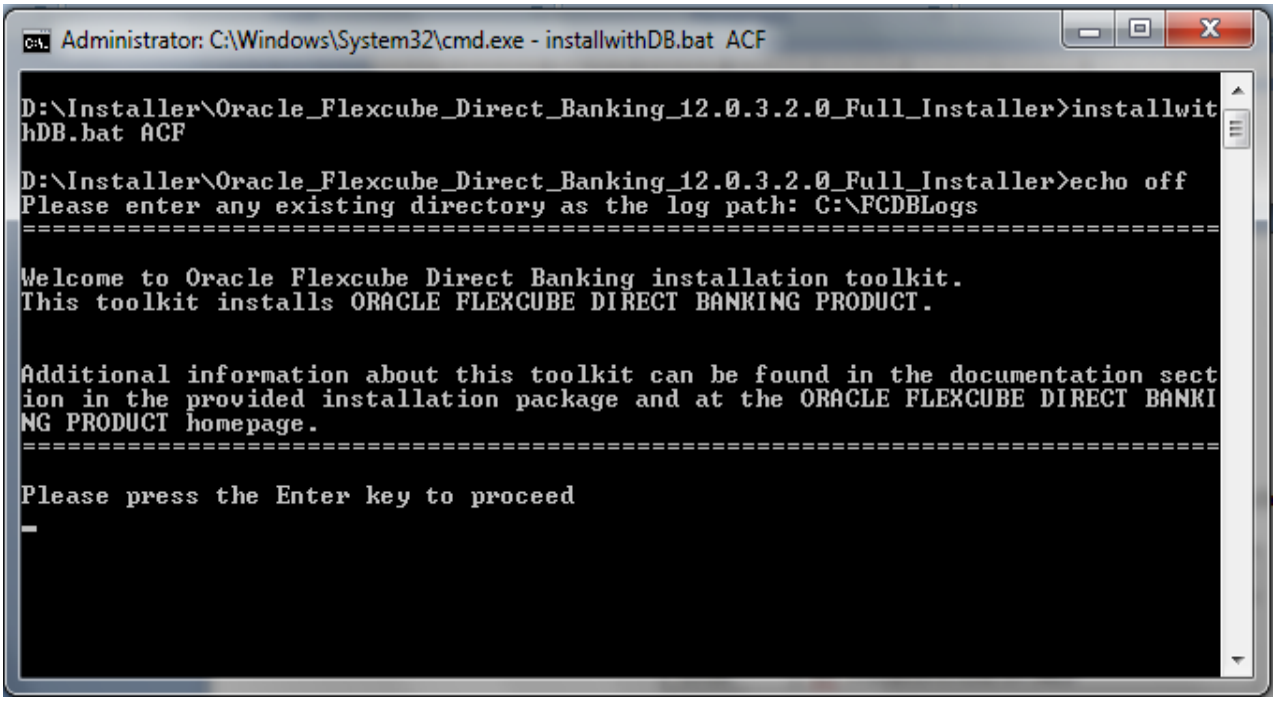
c. Semi-Silent Installer in Command Input mode

To run the Semi-Silent Installer in command input mode, the following command needs to be run

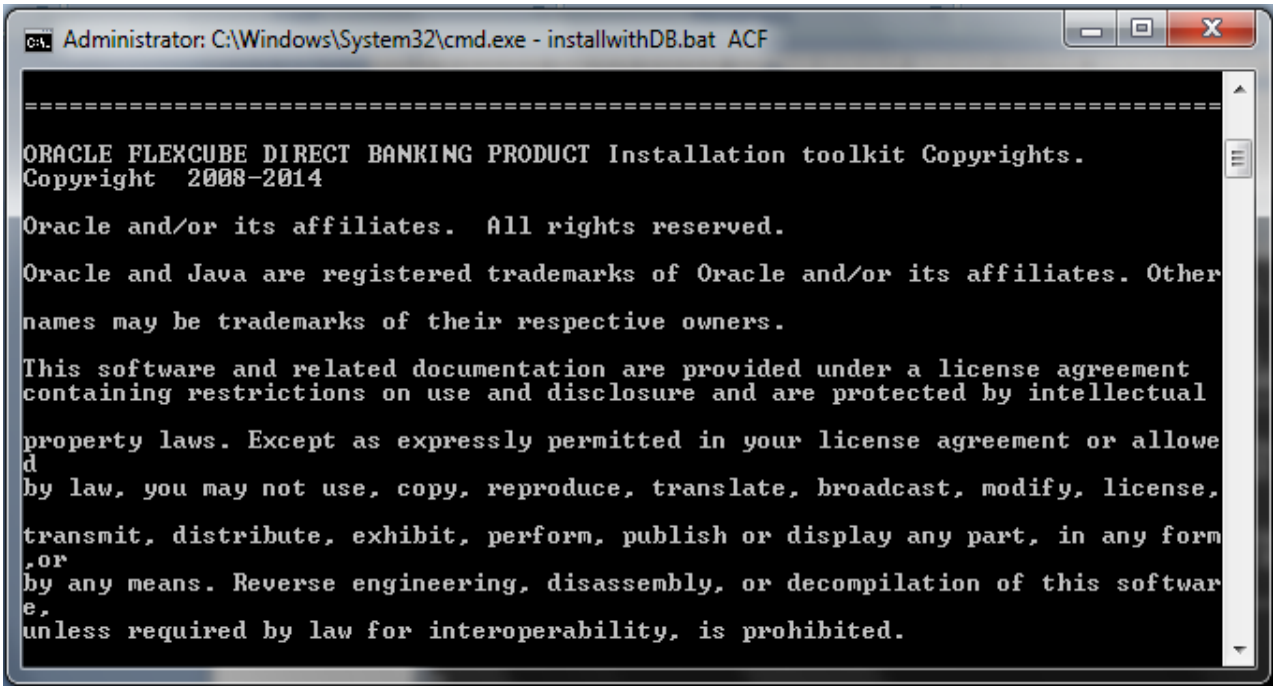
OS	Command query
Windows	<Installer CD>/installwithDB.bat **ACF**
Unix	sh installwithDB.sh **ACF**

The Semi-Silent installer will then ask for the path where the log files needs to be created.

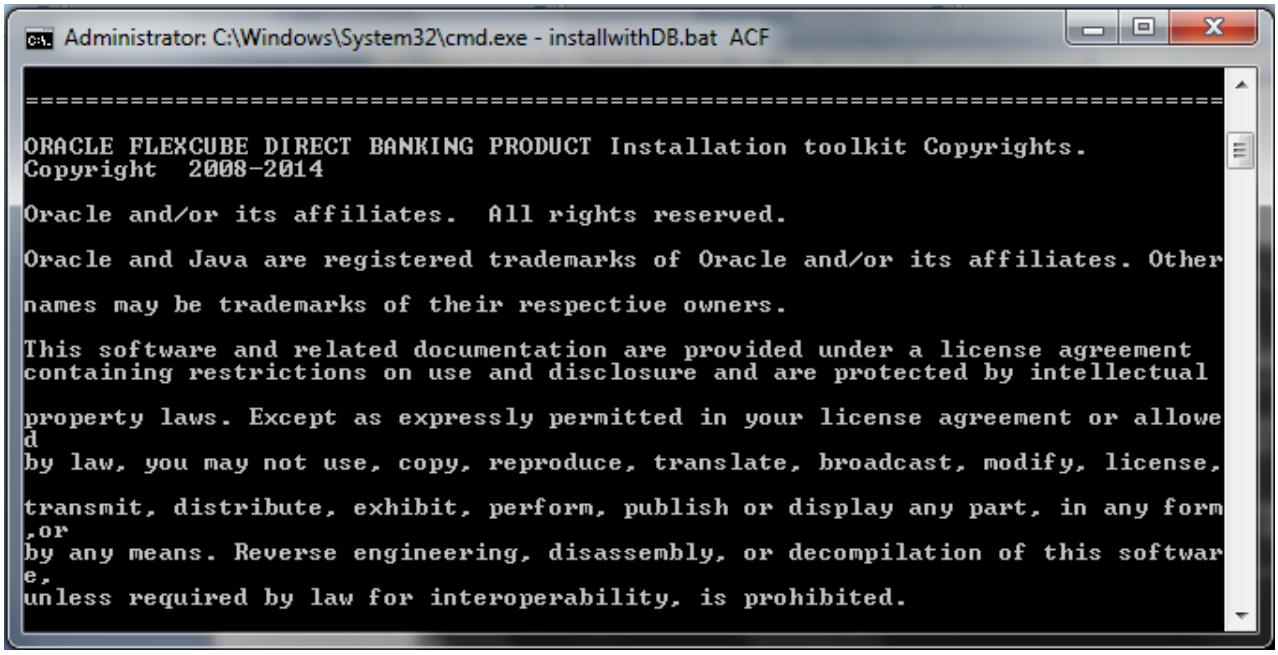
1. After entering the log path, the welcome message will be shown.



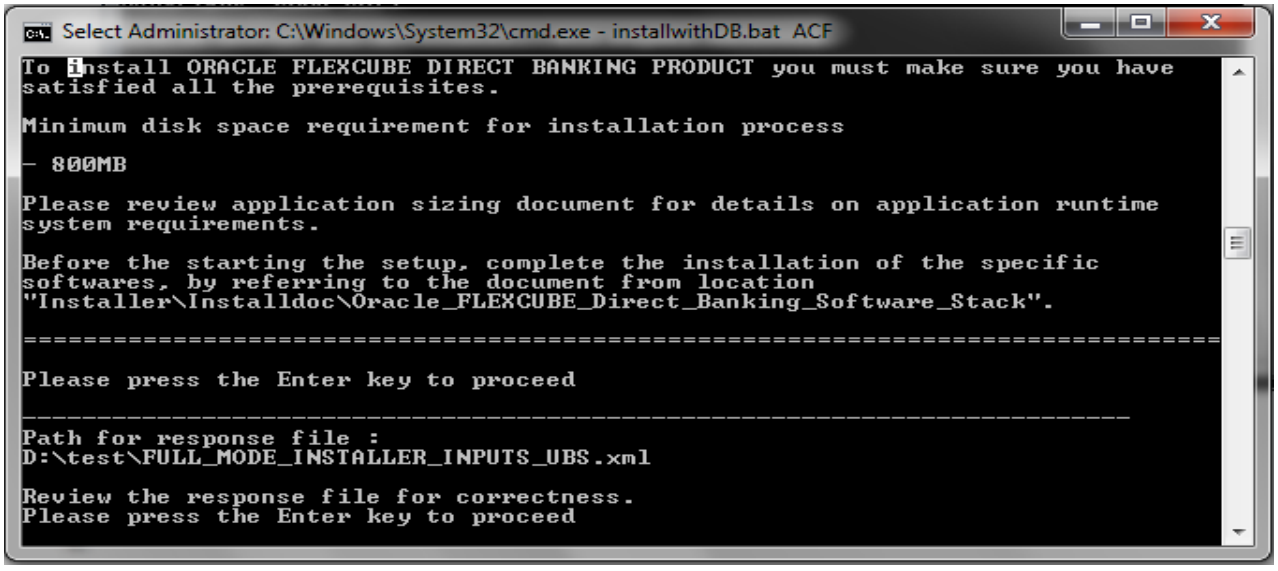
2. On pressing the enter key the copyrights message is displayed



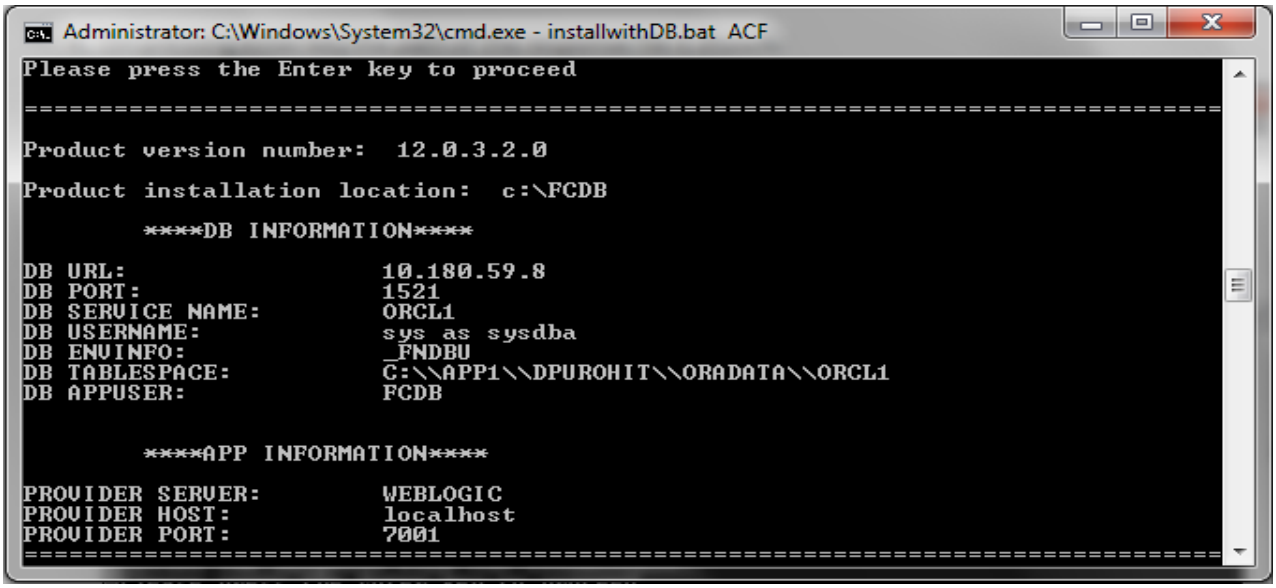
3. On pressing “y” key to accept the terms and conditions and pressing enter, the system prerequisites are shown.



4. On pressing enter key the path of the response file is shown.



5. On pressing enter key, the summary of the parameters in the response file is shown



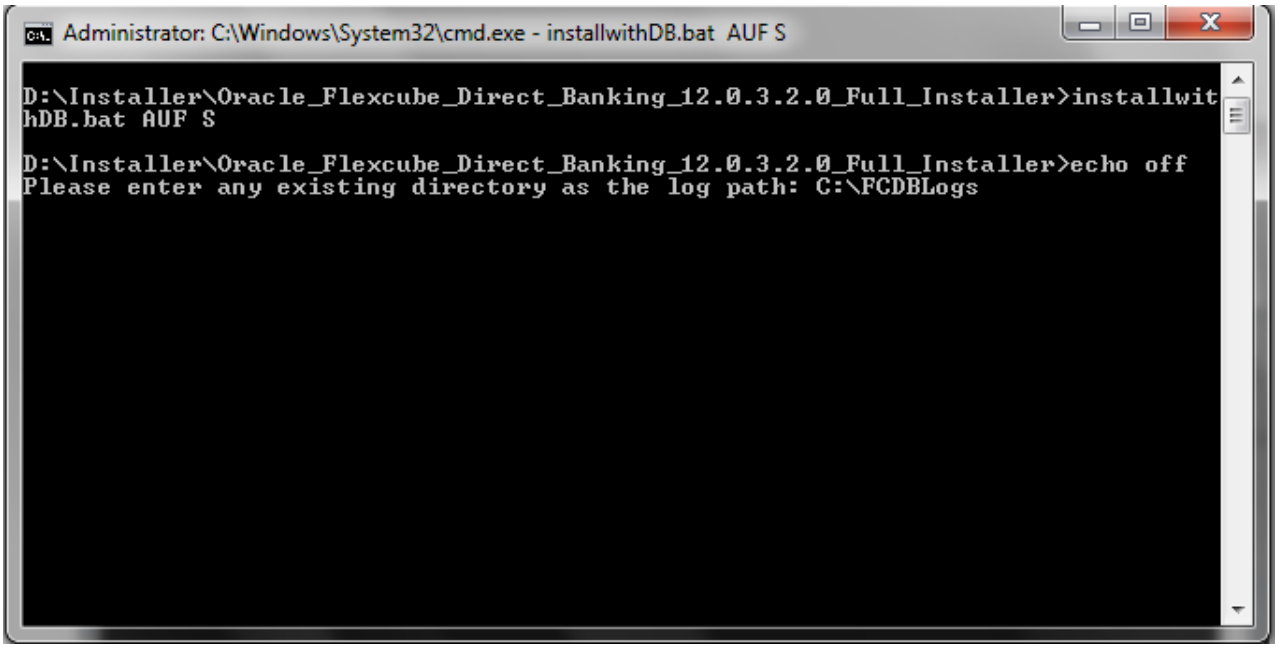
6. On pressing “y” key and then enter, the installation starts. The progress of the installation is shown by displaying dots at frequent intervals of time.

d. Silent Installer in GUI mode

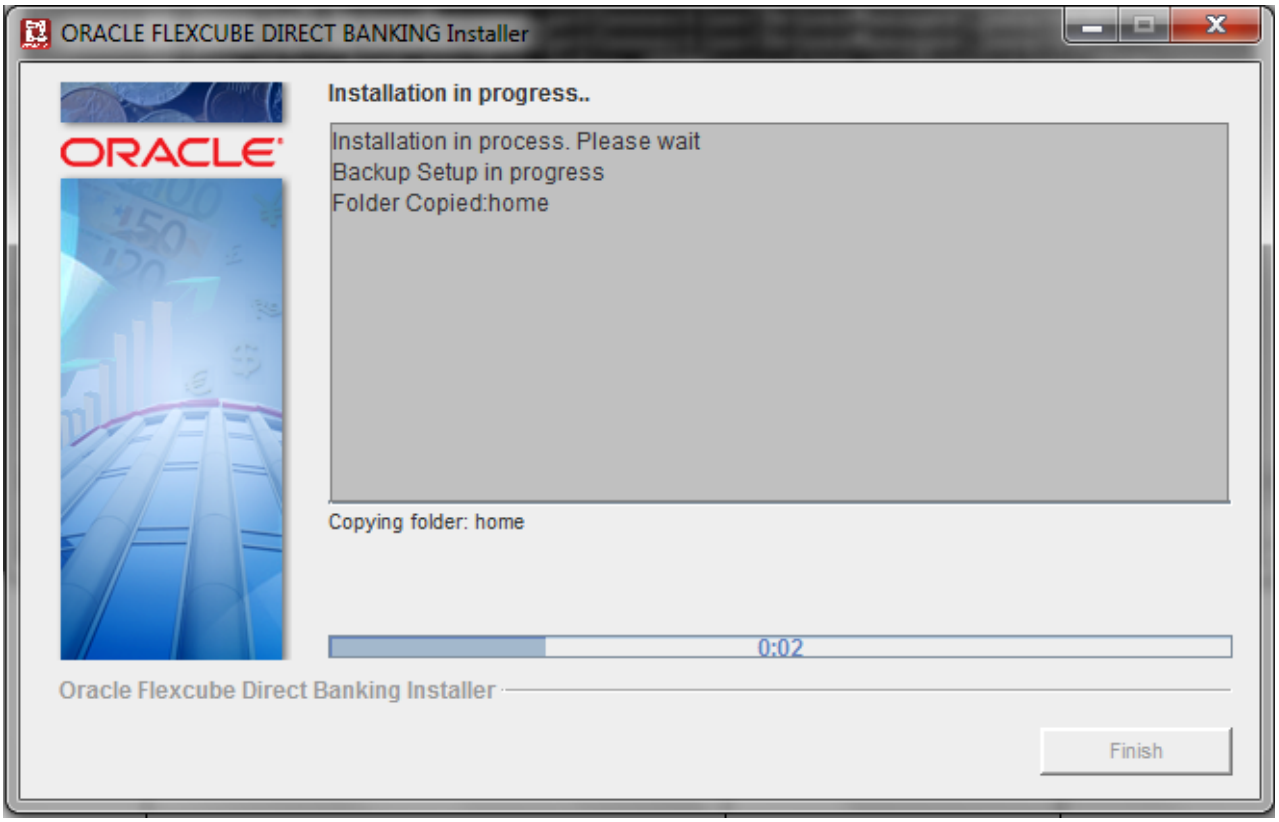
To run the Silent Installer in GUI mode, the following command needs to be run

OS	Command query
Windows	<Installer CD>/installwithDB.bat **AUF s**
Unix	sh installwithDB.sh **AUF s**

The Silent installer will then ask for the path where the log files needs to be created.



After entering the log path the installer displays a screen showing the progress of the installation.



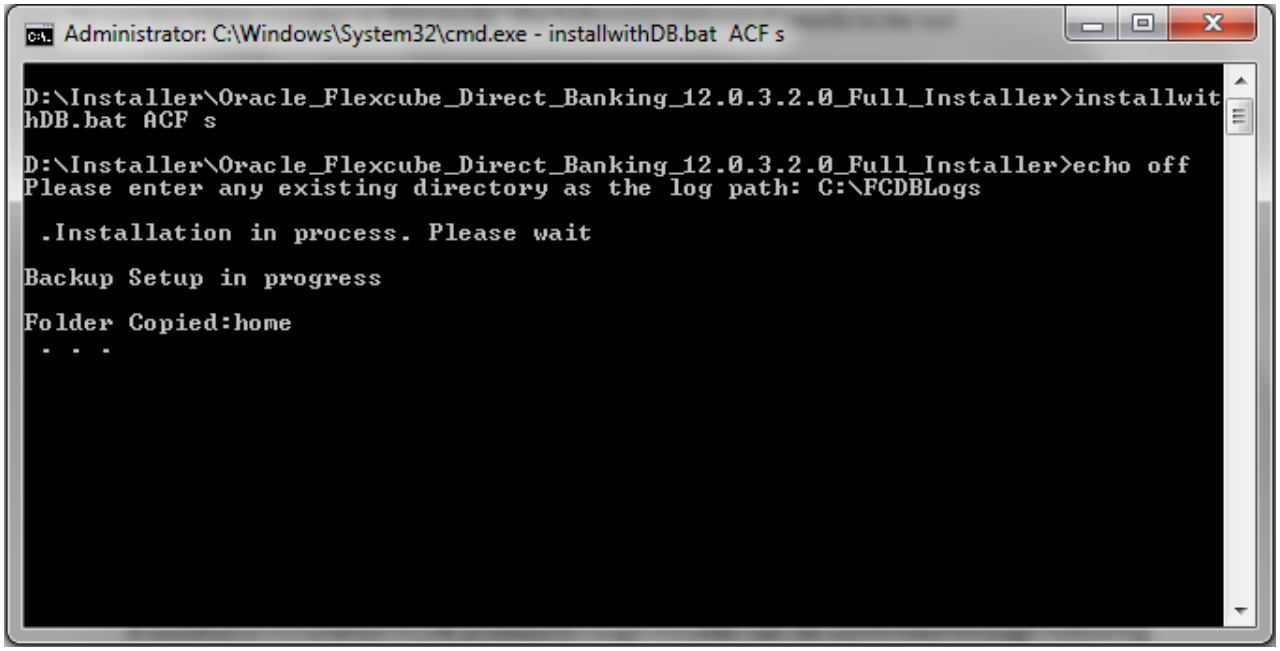
After the Installation completes, the finish button gets enabled. Pressing the Finish button, the screen disappears to indicate that the installation has finished and there are no more steps left.

e. Silent Installer in Command Input mode

To run the Silent Installer in GUI mode, the following command needs to be run

OS	Command query
Windows	<Installer CD>/installwithDB.bat **ACF s**
Unix	sh installwithDB.sh **ACF s**

The Silent installer will then ask for the path where the log files needs to be created. After entering the log path the installer starts installation and shows progress of installation by displaying dots at frequent intervals of time.



NOTE: The Silent installer does not show the copy right screen in GUI mode. Neither does it show the copy right message in Command Input mode.

7. Conclusion and Next Steps

A successful installation FCDB product through Installer can be confirmed through following steps.

a. Review the log file specified during installation, after completion.

b. Review the created/updated folders as per the given folder matrix. Details of some folders is as follows

Folder name	Description
<FCDB BASE DIR>/documents	Installation documents.
<FCDB BASE DIR>/system/home	Application home folder for properties.
<FCDB BASE DIR>/deploy	Application deployable location.
<FCDB BASE DIR> /system/build/extclasses	External classes' location.

c. Login to the DB using the details you entered during installation. Please refer "Oracle FLEXCUBE Direct Banking Database Setup" for additional information on the Database Users and Database Objects.

d. Properties file needs to be reviewed as per the document "Oracle FLEXCUBE Direct Banking Parameter Sheet" and the required user dependant properties need to be updated. Location of the property files can be found in the "Help" sheet in the same document.

After verification of above steps it can be concluded that FCDB is installed successfully.

NOTE: On completion of setup using installer, external host related entities are required to be installed at appropriate location as per the installation documentation provided by the host systems. For creation of multi entity Database setup please refer "Oracle FLEXCUBE Direct Banking Database Setup".

For the appropriate application server setup refer to the document provided within the reference document section for deployments and other Application server management details.