PM Database Setup
Oracle FLEXCUBE Universal Banking
Release 12.2.0.0.0
[May] [2016]

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FINANCIAL SERVICES

Table of Contents

1.   Installing Standalone Payments

1.1   Introduction

New Oracle FLEXCUBE Application 'Standalone Payments' can be installed by loading objects into schema using Installer.

These methods are discussed in detail under the following heads.

1.2   Creating PM Schema

1.2.1.1 Source Input for installer

1. Copy the folder 'PM' to a folder in the local system.

2. Folder to which you have copied the sources is the source to the Installer.

🛑 After copying all the sources to a folder in the local system, ensure that the folder containing those has full rights for that user.

1.2.2   Grants to be provided

EXEC dbms_java.grant_permission ('<SCHEMA_NAME>', 'SYS: java.io.FilePermission', '<DB_PATH>', 'read, write, execute');
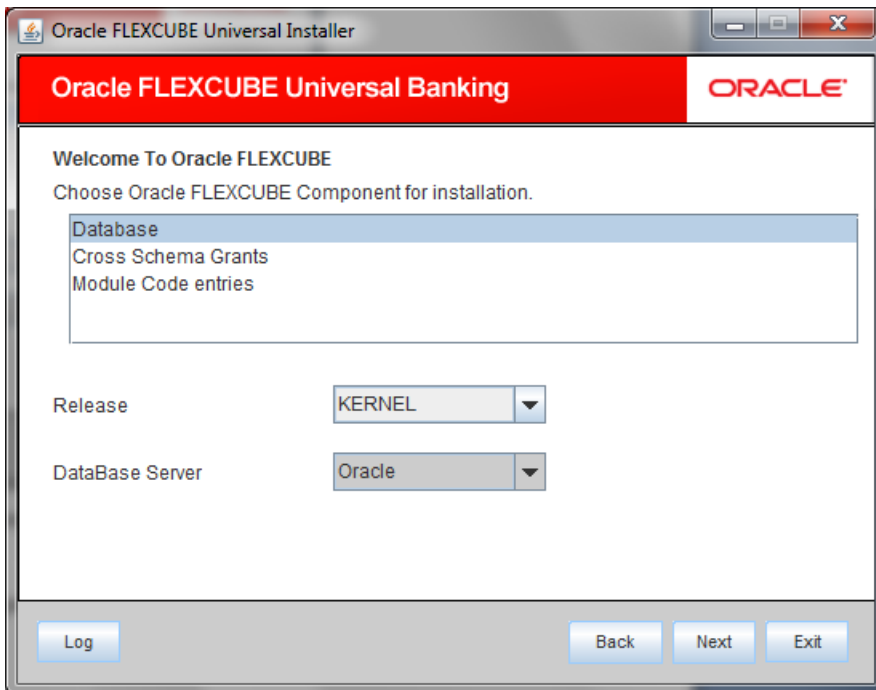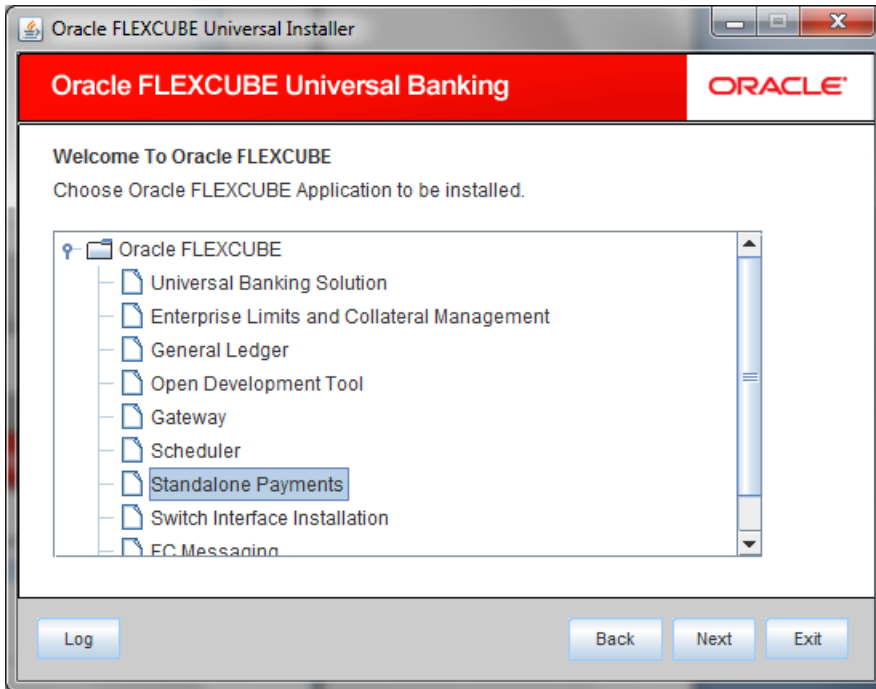
<SCHEMA_NAME> = PM Schema name

<DB_PATH> = Full folder path where the images are place for upload.
Ex: /scratch/work_area/DEV/IMAGE/

1.2.3   Loading Objects

The steps to load objects for Standalone Payments are given below:

1. Launch Oracle FLEXCUBE Universal Banking Solution Installer.

1. Select the installation type 'Standalone Payments'.

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2. Click 'Next' and then select the component for installation.

3. Enter the FC Home folder path and specify the following schema details:
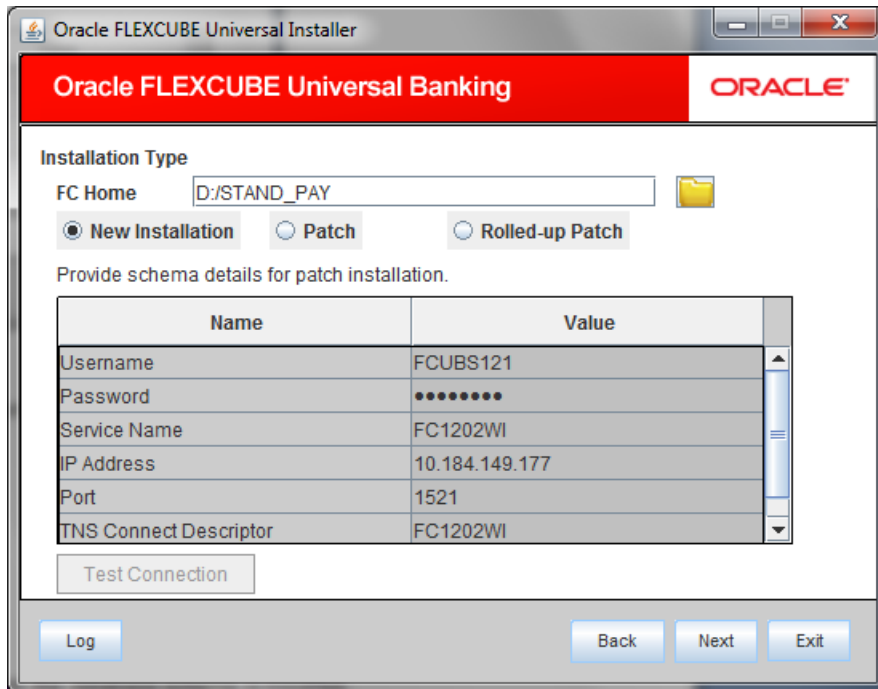
User Name

Specify the user name to access the schema.

Password

Enter the schema password.

Service Name

Provide service name of database.

IP Address

Specify the IP address of the system where the database schema is installed.

Port

Specify the port number.

TNS Connect Descriptor

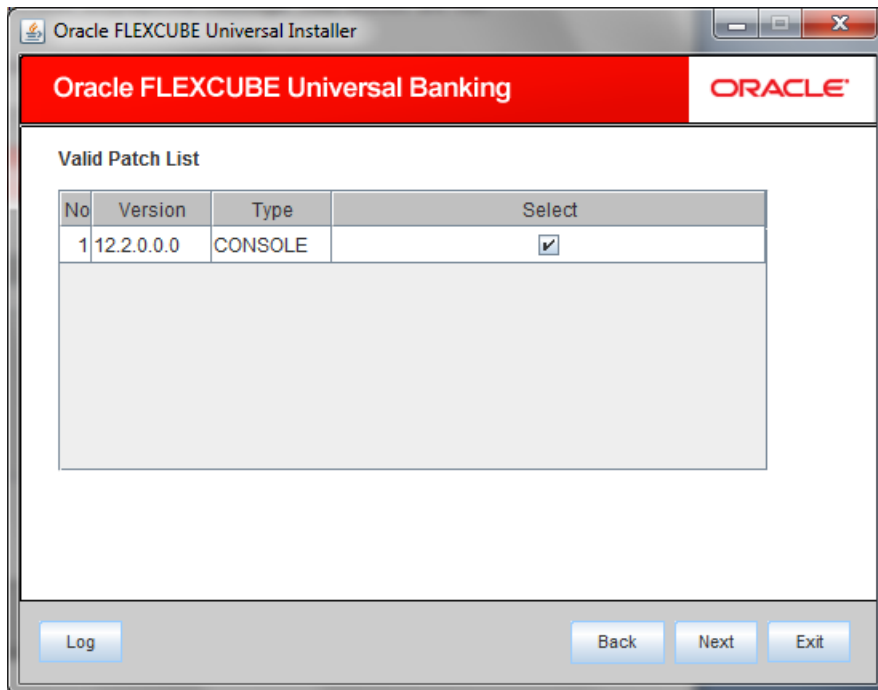Specify a valid connect string that contains the details for database connectivity.

4. Once you have entered the details, you can test the database schema connection using 'Test Connection' button.
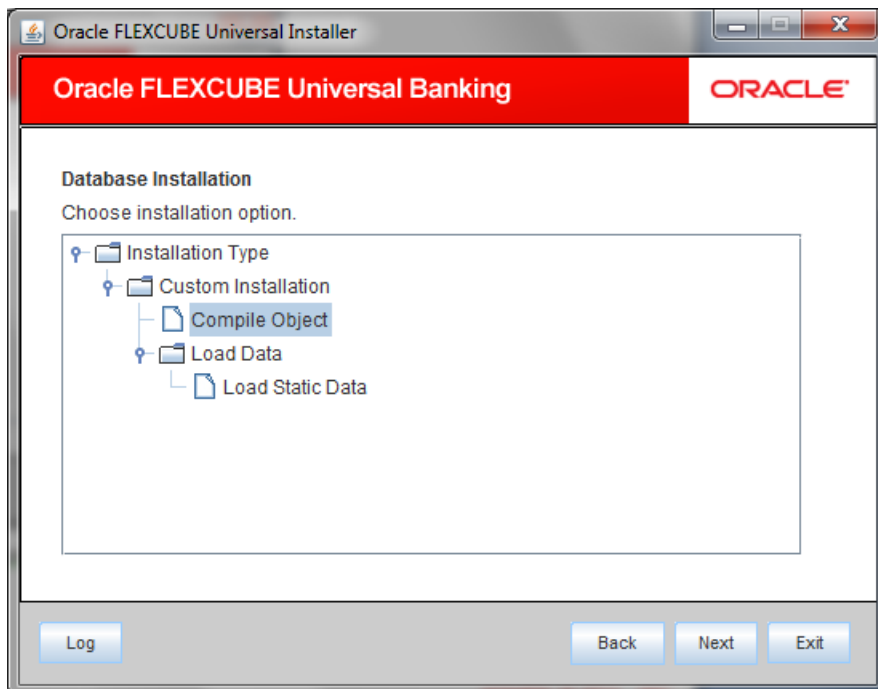
 Note the following:

- If the connection is established, the installer displays a message 'Connection Successful'.
- If there is an error in establishing the connection, the system displays the message 'Invalid DB Credentials'.

- If the TNS entry is not proper, the installer displays the message 'TNS entries are not proper'.

5. After testing the connection successfully, click 'Next' and the following screen is displayed:

Oracle FLEXCUBE Universal Installer

Oracle FLEXCUBE Universal Banking　　　　ORACLE

Valid Patch List

No	Version	Type	Select
1	12.2.0.0.0	CONSOLE	✔

Log　　　　　　　　　　Back　Next　Exit

This screen displays the Valid Patch List.

6. Click 'Next' and the following screen is displayed:

Oracle FLEXCUBE Universal Installer

Oracle FLEXCUBE Universal Banking　　　　ORACLE

Database Installation
Choose installation option.

- Installation Type
  - Custom Installation
    - Compile Object
  - Load Data
    - Load Static Data

Log　　　　　　　　　　Back　Next　Exit

Select 'Compile Objects' under 'Custom Installation'.

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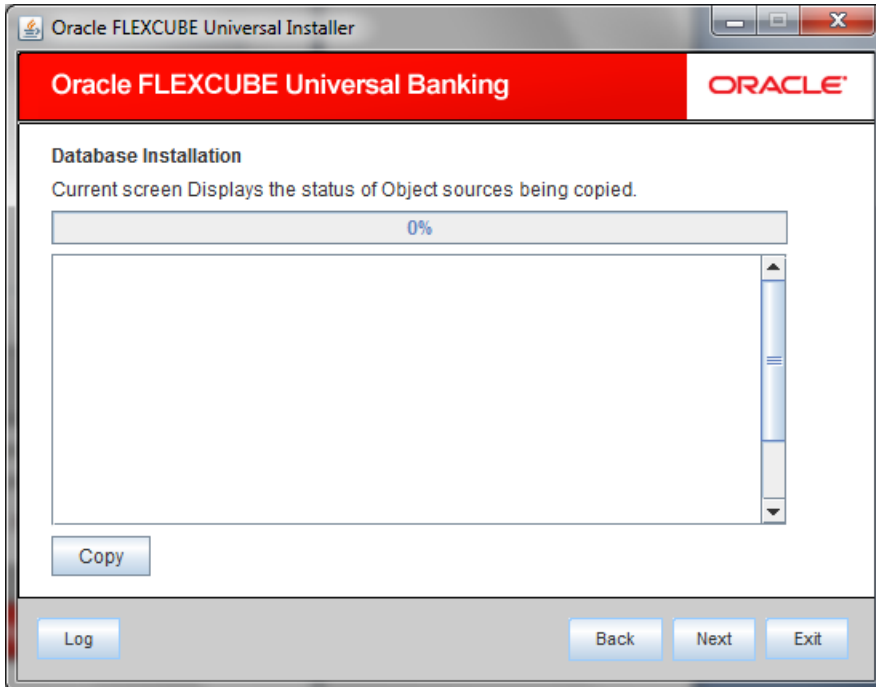7. Click 'Next' and the following screen is displayed:
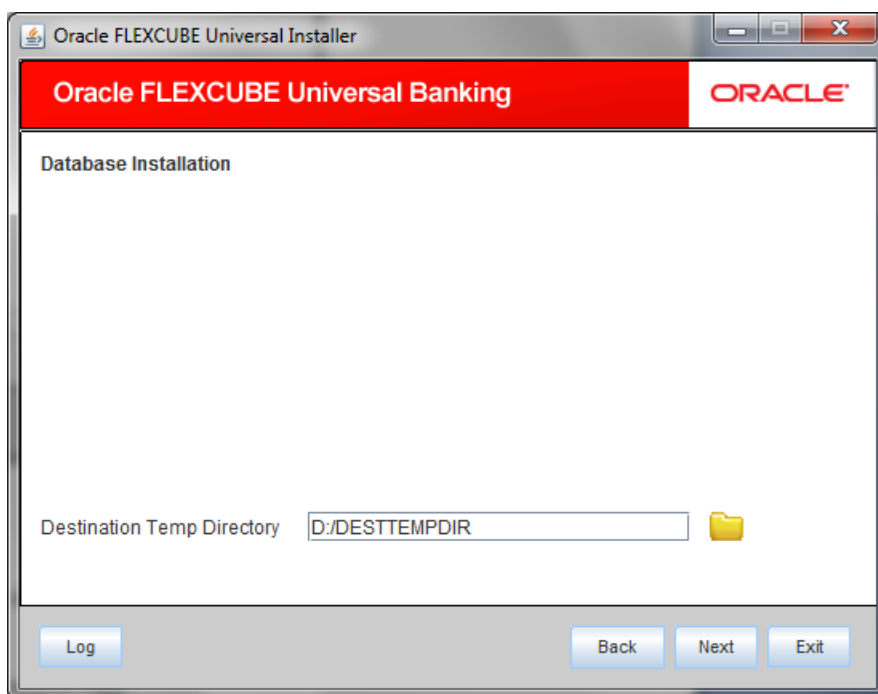
Specify the following details:

Destination Temp Directory

Specify the destination directory. Use the directory icon 📁 to browse the destination directory.

8. Click 'Next' to start database objects source copy.

The Installer will copy the source files from the source directory to the destination directory. The files are taken from this location for compilation.

9. Once the copy process is completed, the installer navigates you to the following screen.
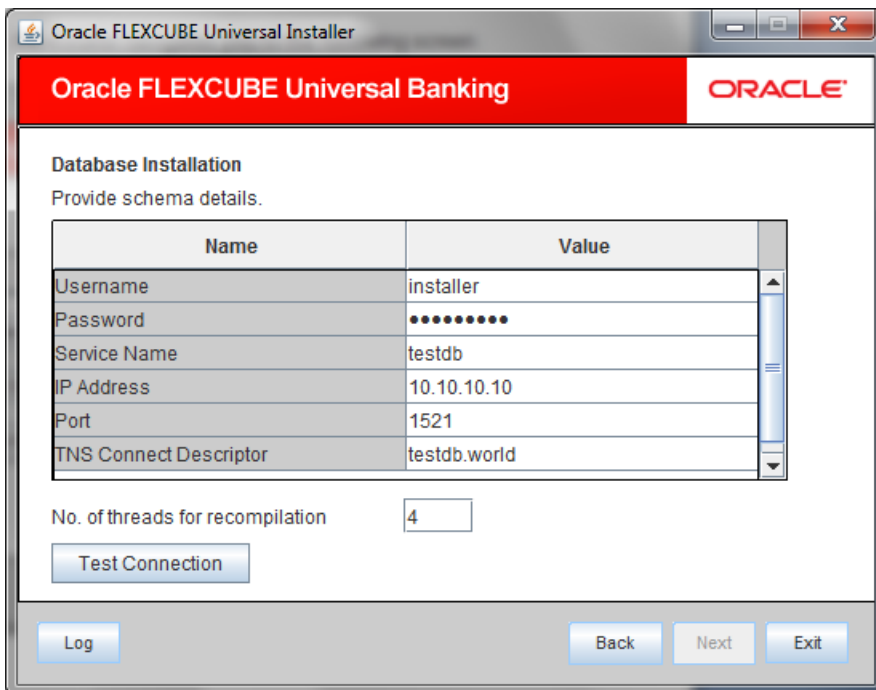
Specify the following schema details:

User Name

Specify the user name to access the schema.

Password

Enter the schema password.

Service Name

Provide service name of database.

IP Address

Specify the IP address of the system where the database schema is installed.

Port

Specify the port number.

No. of threads for recompilation

Specify the number of processes that would be used to compile the objects. Defaulted to 4, if no value is given.

TNS Connect Descriptor

Specify a valid connect string that contains the details for database connectivity.

Once you have entered the details, you can test the database schema connection using 'Test Connection' button.

Note the following:

- If the connection is established, the installer displays a message 'Connection Successful'.
- If there is an error in establishing the connection, the system displays the message 'Invalid DB Credentials'.
- If the TNS entry is not proper, the installer displays the message 'TNS entries are not proper'.

10. After testing the connection successfully, click 'Next' and the following screen is displayed:

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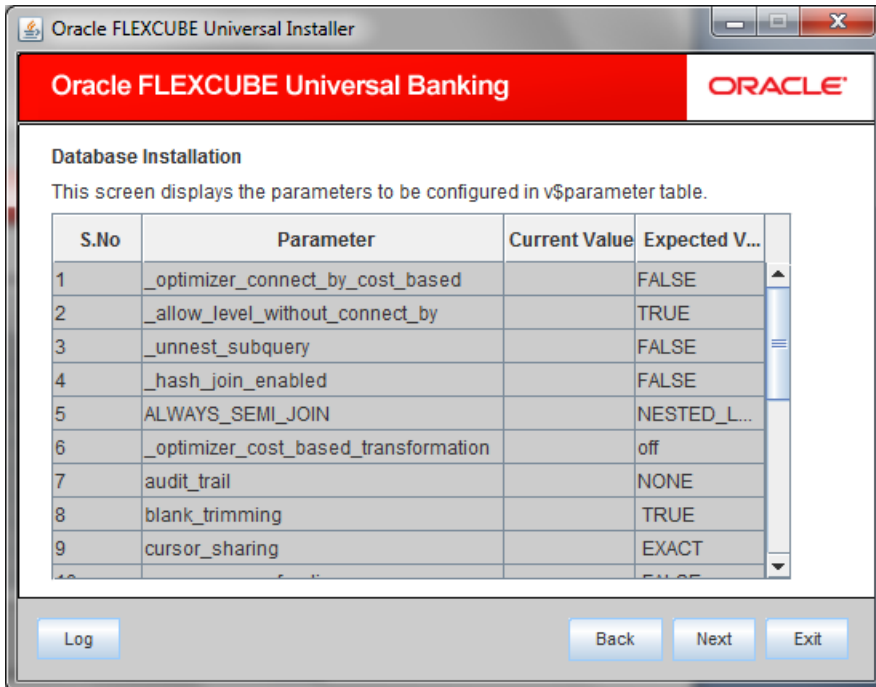
This screen displays the parameter details of the database.

11. Click 'Next' and the following screen is displayed:
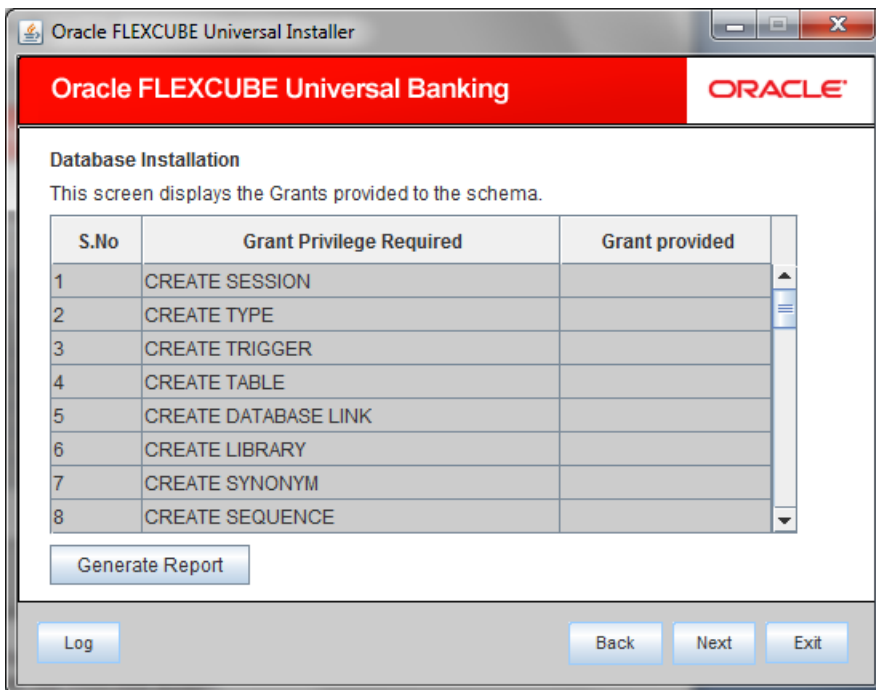
This screen displays the grants provided to the schema. If object compilation is required and the privilege is not given, then you can find that out from this screen.

12. Click 'Generate Report' button, the installer creates an SQL file 'grantScript.sql' containing the script for granting the privileges in the 'Logs' folder and the following screen is displayed
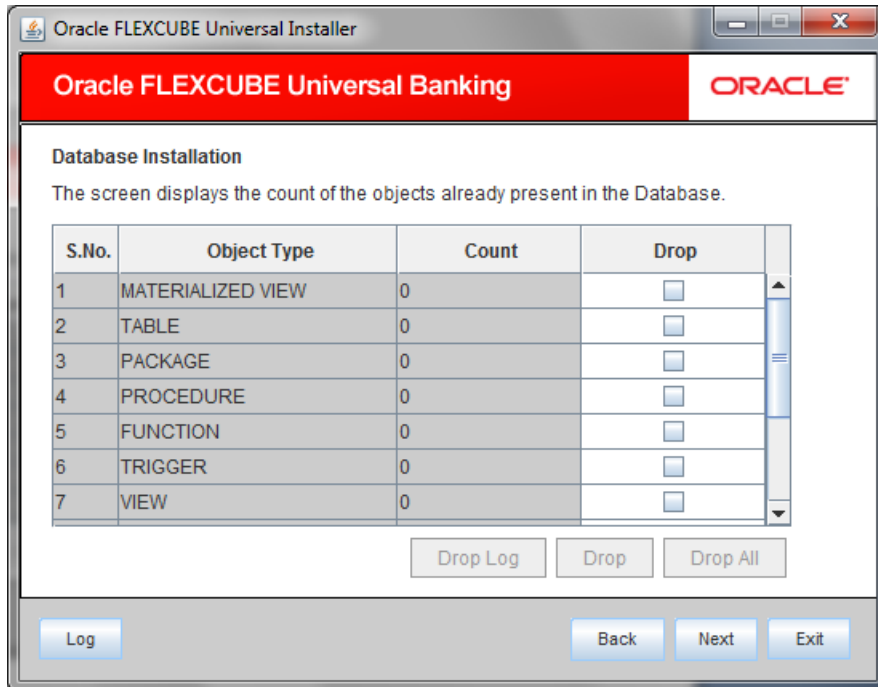
You can use this file to get the access.

STOP Only the sys user can execute the file 'grantScript.sql' for granting privileges.

You can select the objects to be dropped and click 'Drop' button to drop the selected objects. As you drop the objects, the count in this screen is updated. You can drop all the objects at once using 'Drop All' button.

Click 'Drop Log' button to view the drop log.

STOP The details of the drop process are logged in a file 'Drop_All.log' in the folder <Destination Folder>/DBLogs.

If all the objects do not get dropped at the first time, you can drop them again.

13. Click 'Next' button and the following screen is displayed.

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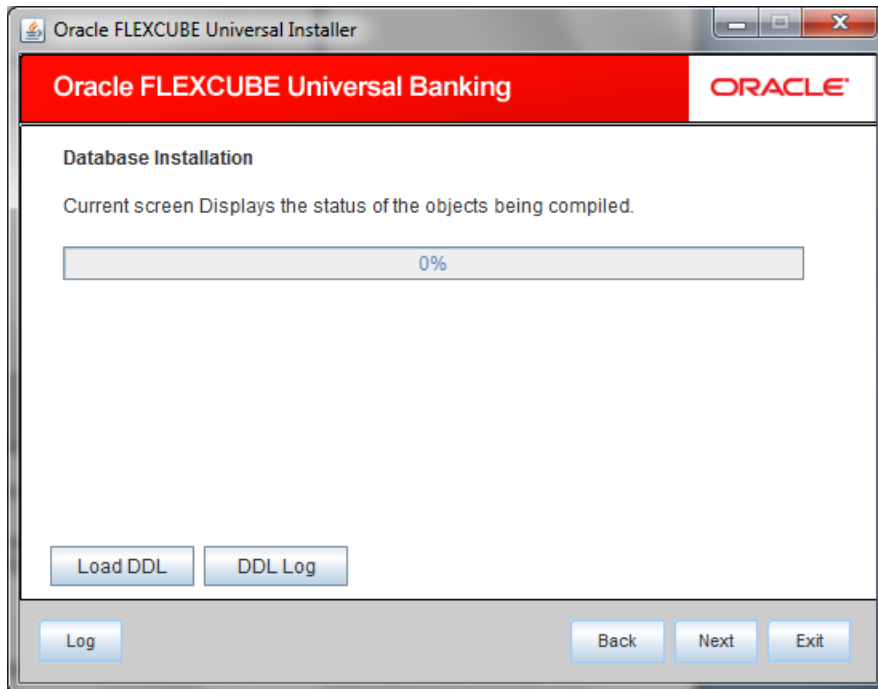
The table, sequences and type objects are compiled and the count is updated.

Click 'DDL Log' button to view the DDL logs. The log file 'LoadDDL.log' will be available in the destination directory under the folder 'DBScripts.

STOP Note the following:

- You can rectify the missing DDL objects and recompile them either manually or by redoing the DDL compilation using Installer.

14. Click 'Next' and the following screen is displayed:

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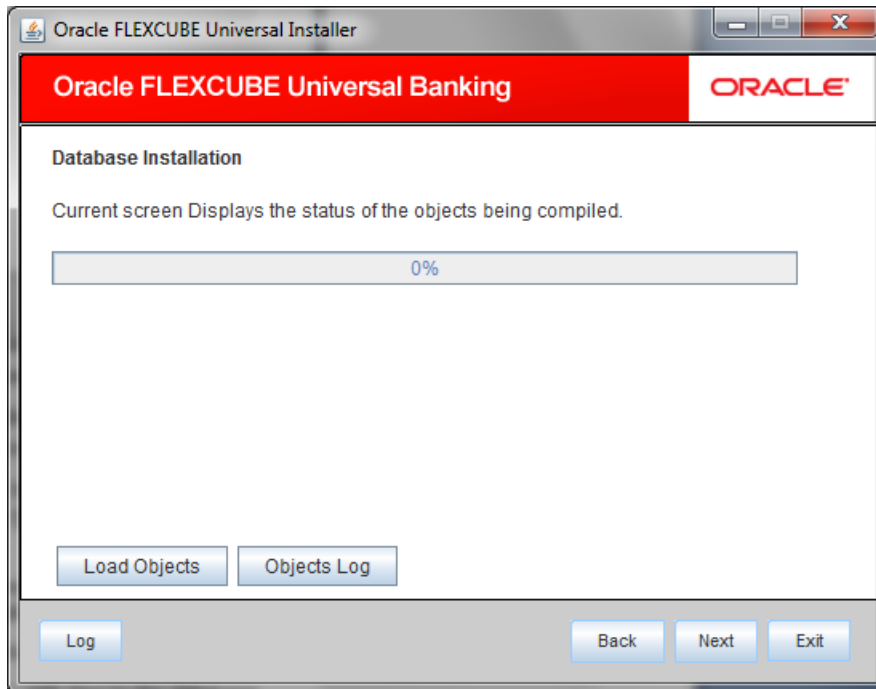
15. Check the objects that you need to load.

16. Click 'Load Objects' button. The installer loads the functions, procedures, views, triggers and packages as per your selection and compiles them.

17. Click 'Objects Log' button to view the log. The log file 'LoadAppObj.log' will be available in the destination directory under the folder 'DBScripts'.

🛑 You can rectify the missing objects and recompile them either manually or by redoing the Application object compilation using Installer.

18. The installer loads the DDL and application objects of the selected modules.

19. Click 'Load Objects' button to load the JAR files to the database.

20. Click 'Next', you can view the list of invalid objects in the following screen.

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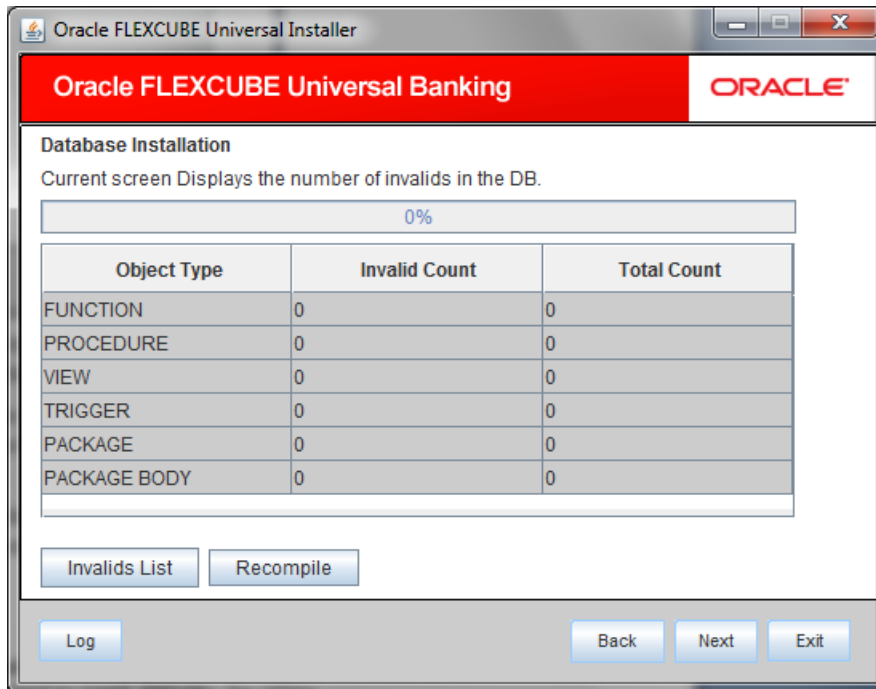
21. Click 'Invalid List' button to view the count of invalid objects. The installer creates the file 'InvalidList.txt' in the destination directory under the folder 'DBScripts.

22. You can use the 'Recompile' button to do a cyclic recompilation. This will reduce the invalid objects count. The Installer allows you to use 'Recompile' button multiple times, in order to reduce the invalid objects count.

23. You can view the recompile logs by clicking 'Log' button. The installer creates a file 'recompile.log' in the destination directory under the folder 'DBScripts.

1.3 Loading Static Data.

This section explains the steps to load static data into the database and the basic setup to be done. Once the objects are loaded, you need to insert data into the tables

1.3.1 Steps to Load Static Data :

1. Launch Oracle FLEXCUBE Universal Banking Solutions Installer.
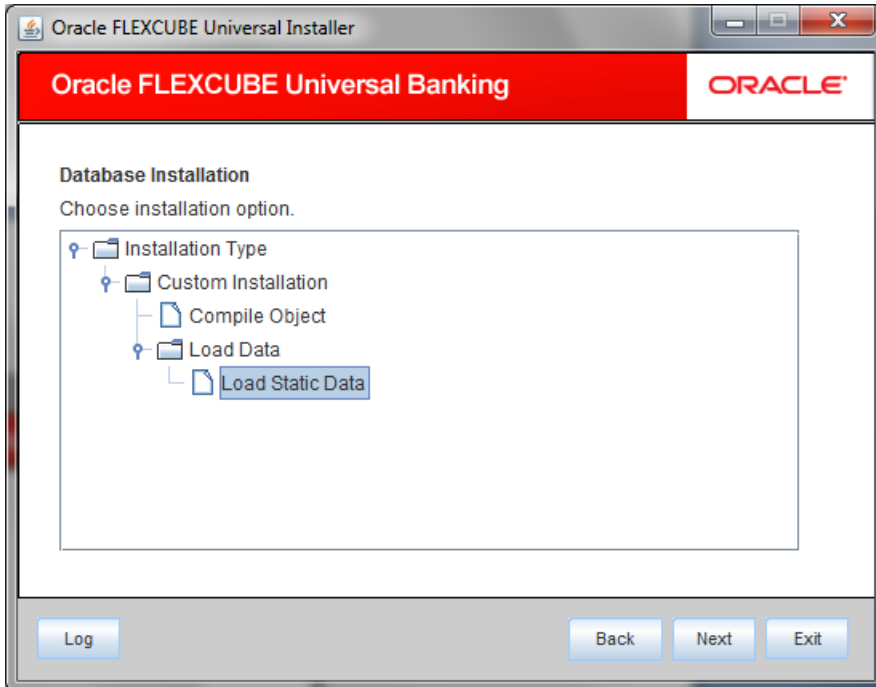
2. Select 'Load Static Data'.

3. Click 'Next' and the following screen is displayed:
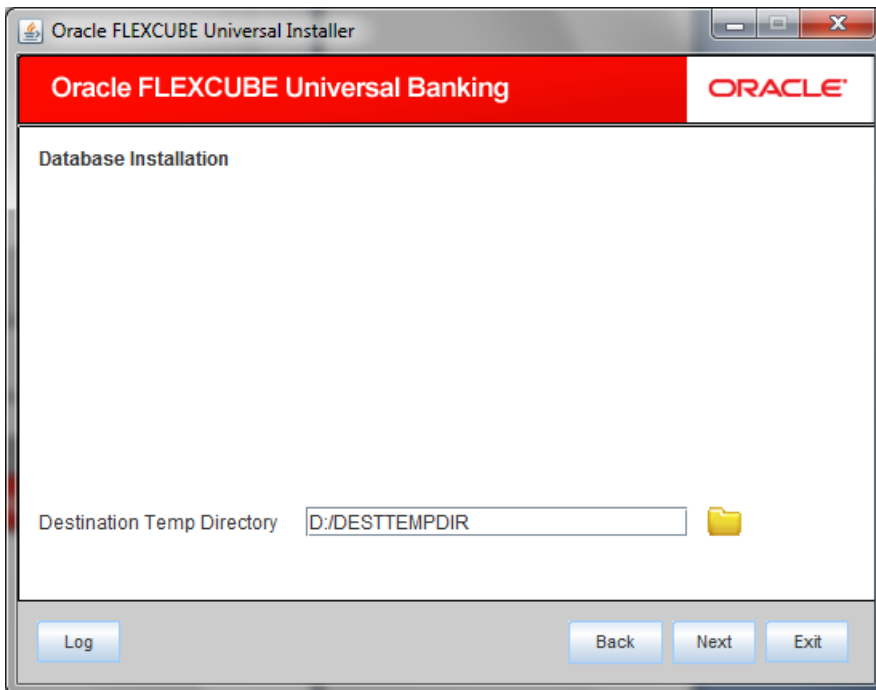
Specify the following details:

Destination Temp Directory

Specify the destination directory. Use the directory icon 📁 to browse the destination directory.

4. Click 'Next' and the following screen is displayed:
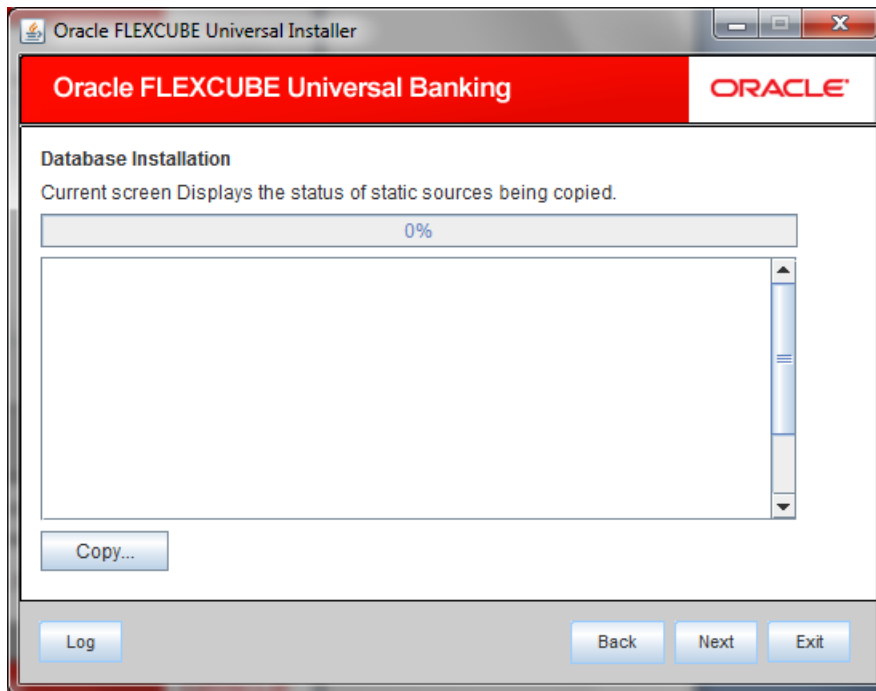
5. Click 'Copy' button. The Installer will copy the source files from the source directory to the destination directory. The files are taken from this location for compilation.

6. Once the copy process is completed, the Installer navigates you to the following screen.
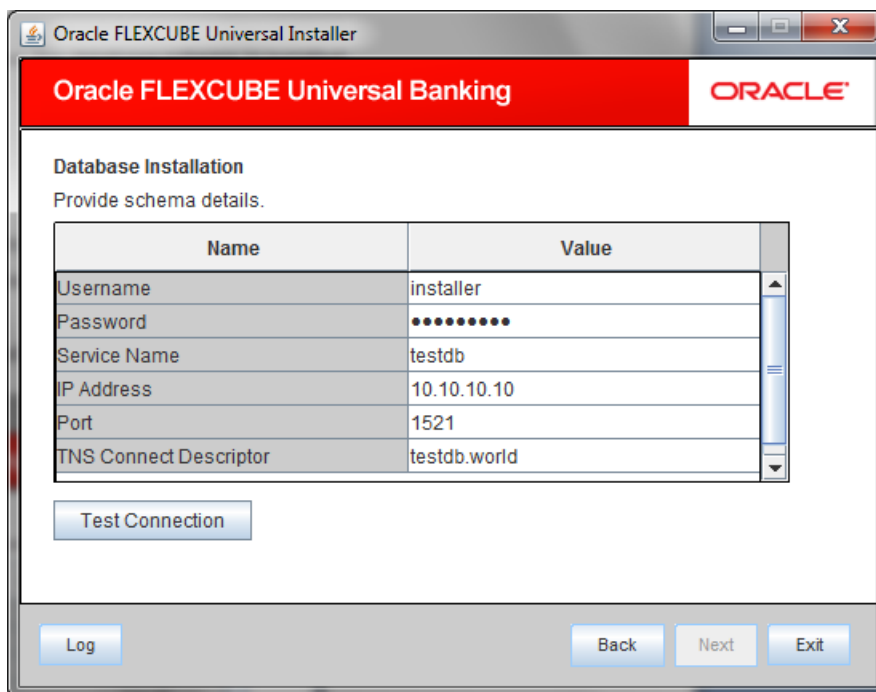
Specify the following schema details:

User Name

Specify the user name to access the schema.

Password

Enter the schema password.

Service Name

Provide service name of Database.

IP Address

Specify the IP address of the system where the database schema is installed.

Port

Specify the port number.

TNS Connect Descriptor

Specify a valid connect string that contains the details for database connectivity.

7. Once you have entered the details, you can test the database schema connection using 'Test Connection' button.

8. After testing the connection, click 'Next' and the following screen is displayed:
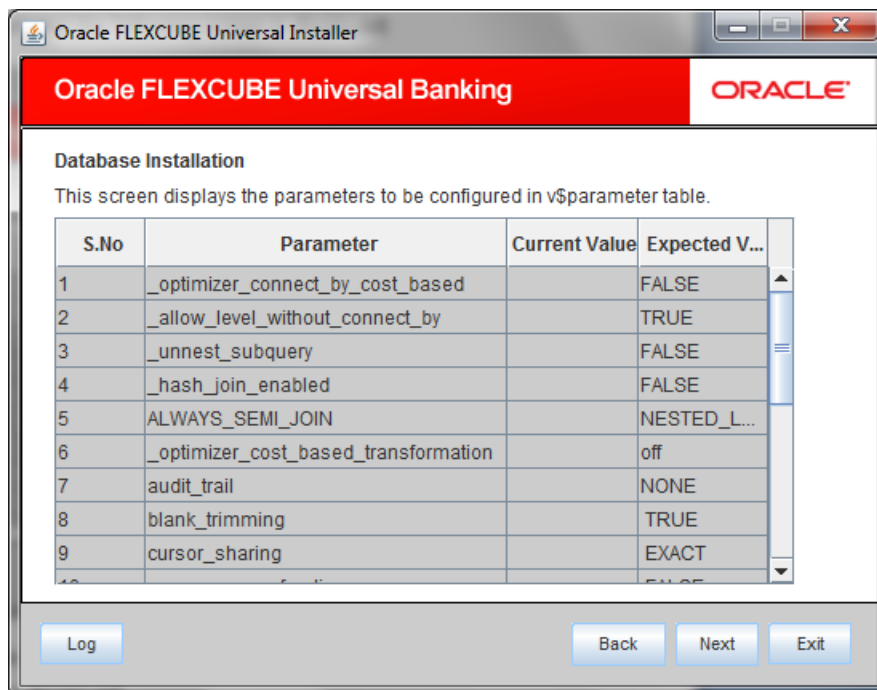
This screen displays the parameter details of the database.

9. Click 'Next' and the following screen is displayed:
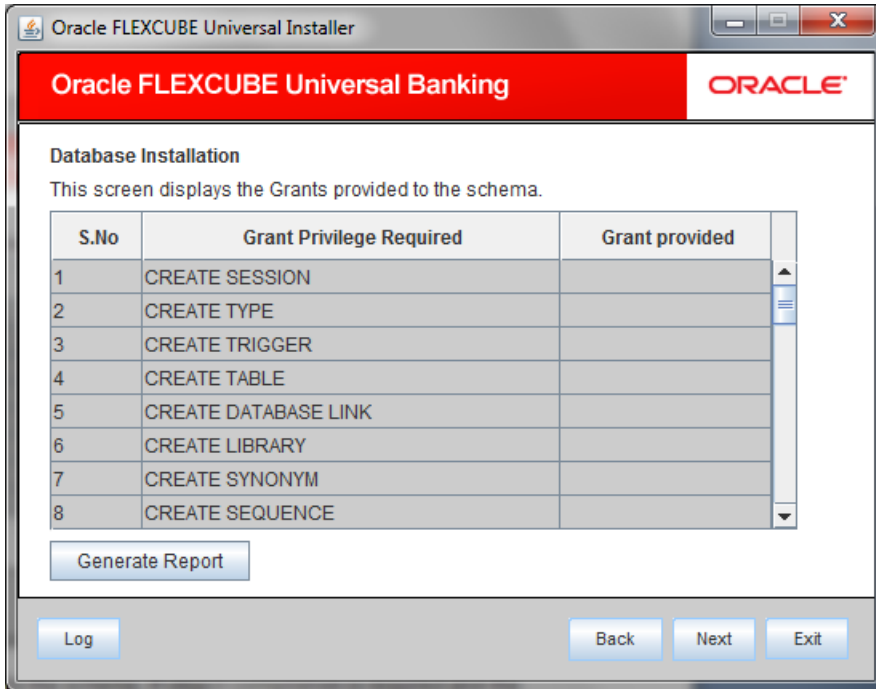
This screen displays the grants provided to the schema. If object compilation is required and the privilege is not given, then you can find that out from this screen. This is for information purpose.

10. Once you have specified the above details, click 'Next'.
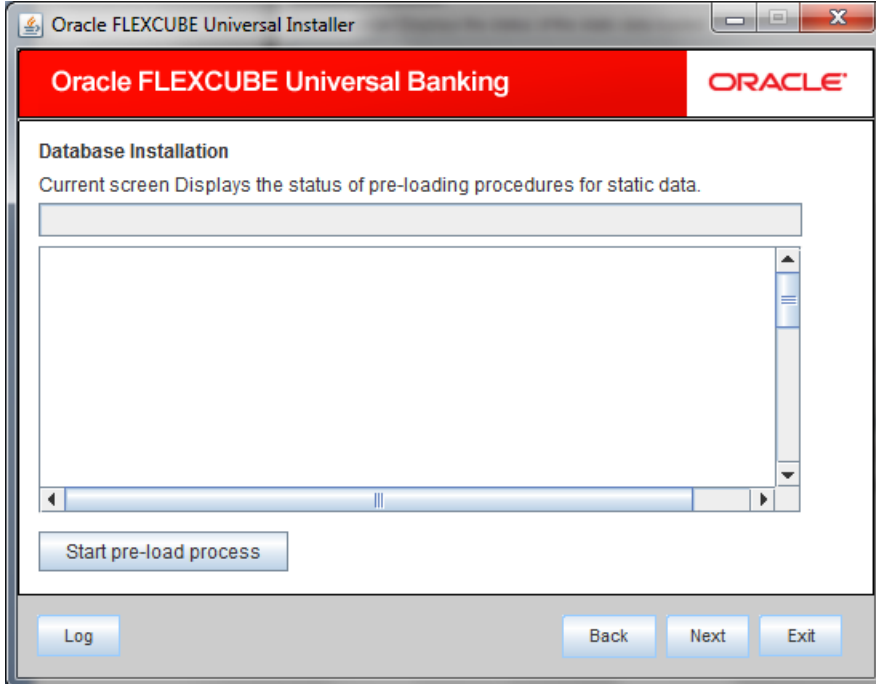
11. Click 'Start Pre-Load Process' button. The installer executes the procedures required before beginning static data compilation. All the triggers gets disabled during this process.

12. Click ' Log' button. The installer executes the process log .

13. Once the process is completed, the following screen is displayed:
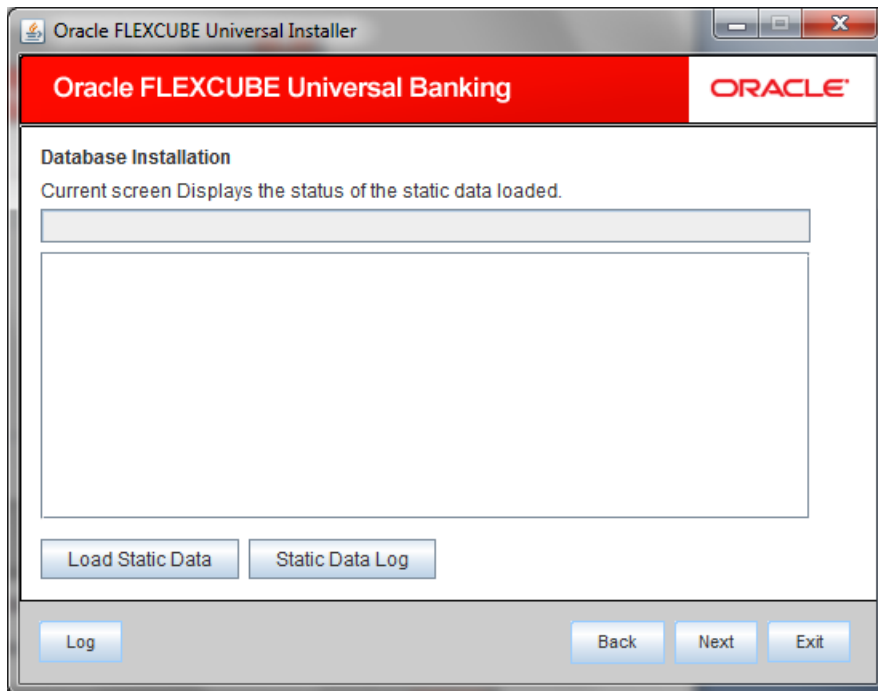
14. Click 'Static Data Log' button to view the static data log.

15. Click 'Next' and the following screen is displayed:
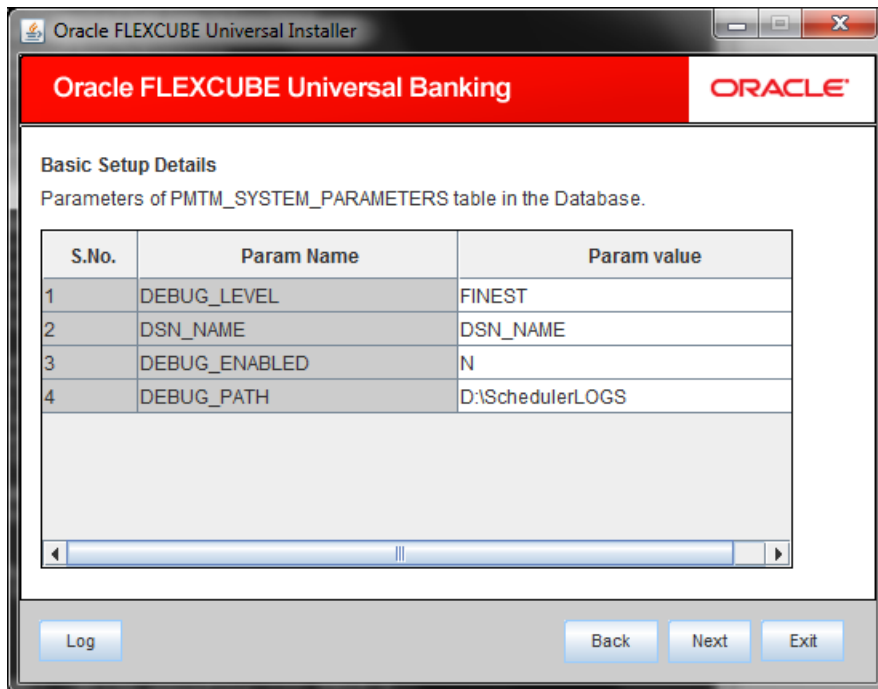
Screen displays basic setup details for table 'PMTM_SYSTEM_PARAMETERS'.

Four Param Names are shown : DEBUG_LEVEL,DSN_NAME, DEBUG_ENABLED and DEBUG_PATH.

The Param Value need to be updated accordingly.

This completes the static maintenance and basic setup process.

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