Oracle® Banking Trade Finance

Installer Database Setup

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Oracle Banking Trade Finance Installer Database Setup, Release 14.7.3.0.0

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Primary Authors: (primary author), (primary author)

Contributing Authors: (contributing author), (contributing author)

Contributors: (contributor), (contributor)

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Installing Oracle Banking Trade Finance Database

1.1 Introduction

Oracle Banking Trade Finance database can be installed in one of the following methods.

- Import full dump – Import the Oracle Banking Trade Finance objects into an empty schema using full dump. This is a manual activity.
- From shipment media – Load the shipment media objects into an empty schema using Installer.

These methods are discussed in detail under the following heads.

1.2 Creating Schema by Importing Full Dump

Under this method, you need to manually import the Oracle Banking Trade Finance DMP file into the Oracle Banking Trade Finance schema. This can be done using the following command:

```
$impdp user_name/password directory=dir_name
dumpfile=dmp_file_name.dmp logfile=dmp_file_name.log
remap_schema=from_schema_name:to_schema_name
remap_tablespace=from_tablespace_name:to_tablespace_name
transform=OID:n
```

1.3 Creating Schema from Shipment Media

Under this method, you need to create the schema from the shipment media.

- Backend Setup using Silent Installer
  Backend Setup has to be done using Silent Installer. DDL Compilation, Object Compilation and Static Data Load will be taken care as part of Backend Setup.
- Basic Setup using GUI Installer
  This topic explains the systematic instructions about basic setup using the GUI installer.

1.3.1 Backend Setup using Silent Installer

Backend Setup has to be done using Silent Installer. DDL Compilation, Object Compilation and Static Data Load will be taken care as part of Backend Setup.

Backend Setup has to be done using Silent Installer. DDL Compilation, Object Compilation and Static Data Load will be taken care as part of Backend Setup.

Before loading objects into the schema, fcubs.properties file creation must be performed with the required database details using the GUI installer (Refer OBTF_Installer_Property_File_Creation document). After the property file is created, env.properties file, present in INSTALLER/SOFT/GUI/logs/ directory, will be automatically updated, with the details provided while creating the property file.

env.properties file present in INSTALLER/SOFT/GUI/logs/ will be automatically copied to INSTALLER/SOFT/logs/ directory as part of property file creation. Details from this env.properties are taken for further steps.

Run the <**Product Processor**>DBCompileRun.bat from INSTALLER/SOFT directory. DDL Compilation, Object Compilation and Static Data load will be done.

Example 1-1 OBTF INSTALLATION

First load SMS objects first and then OBTF objects. i.e.

1. Run SMSDBCompileRun.bat in windows (SMSDBCompileRun.sh in linux). Note: Before running DB Compilation of any sort, please make sure that System Date Time format and language are provided as English, or otherwise DB Compilation might fail due to improper log names.
2. After SMS object loading is completed, then initiate OBTF compilation Run TFDBCompileRun.bat in windows (TFDBCompileRun.sh in linux)

Check for the Invalid Count and make sure that the Invalid count is '0'. Please run Invalid Recompilation script (fast.sql), if required. Please provide number of threads and schema name as input while running the script.

Invalid Recompilation
This is for KERNEL as well as cluster objects in DB schema.

Please run Gateway Standard XML (Gwtm_Standard_Xml.sql) script. The data in the script is necessary to execute gateway summary operations.

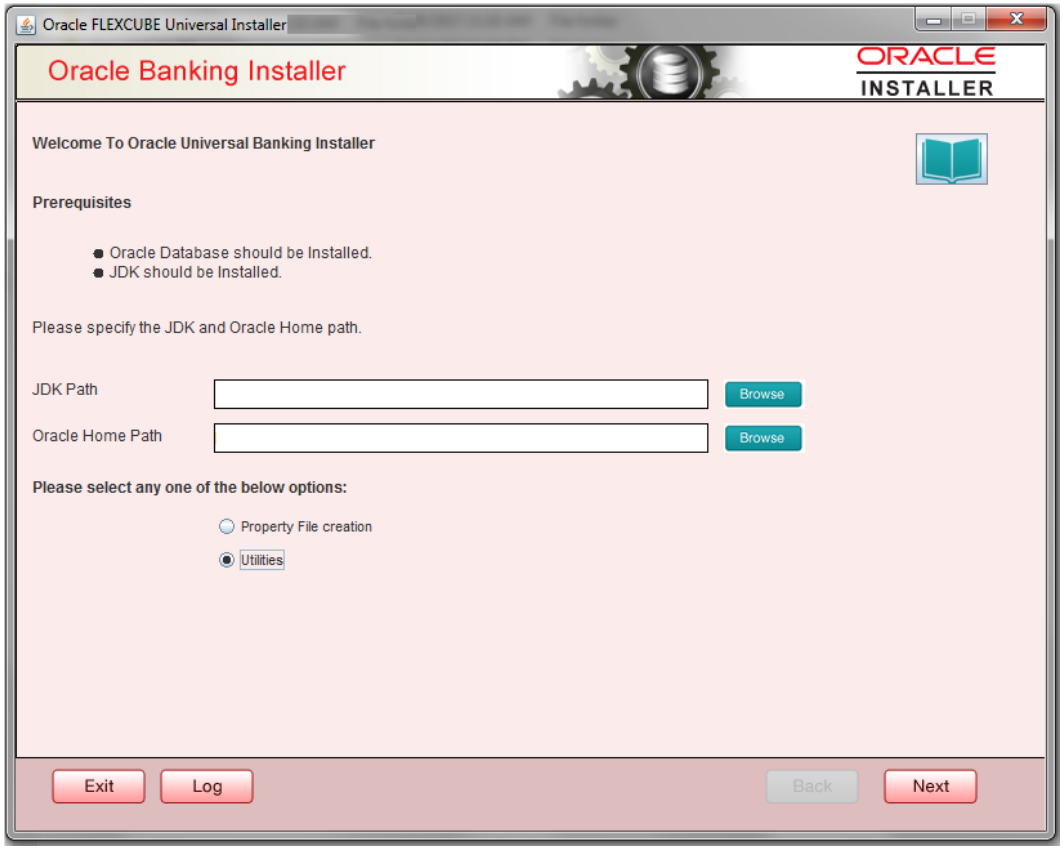
Gwtm_Standard_Xml.sql

1.3.2 Basic Setup using GUI Installer

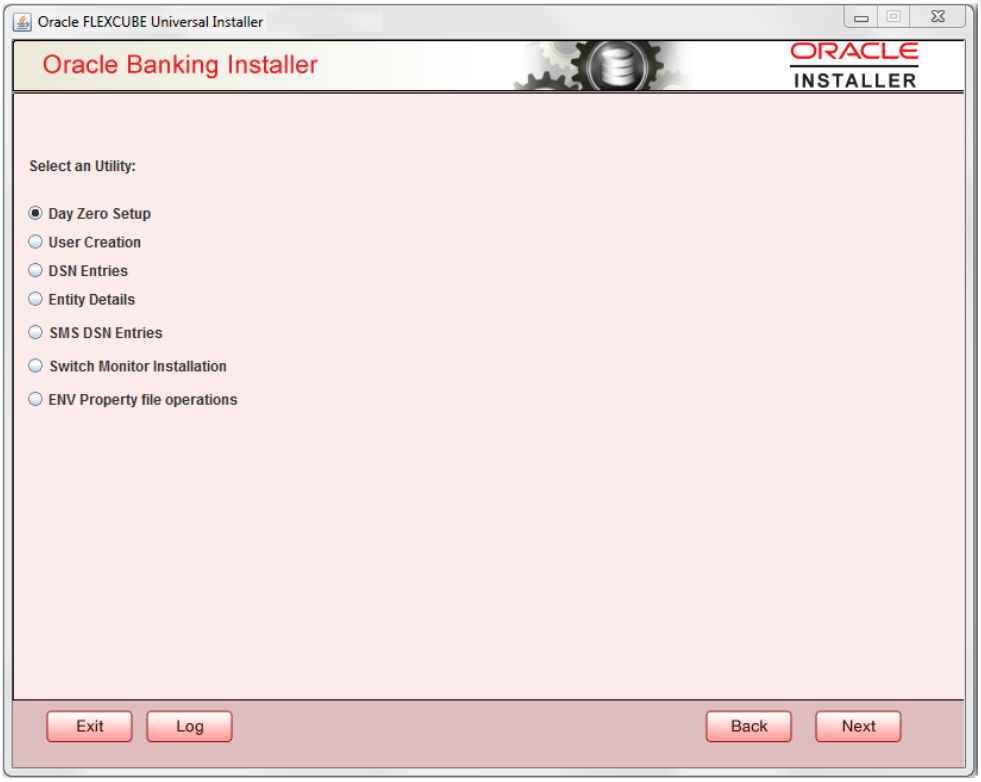
This topic explains the systematic instructions about basic setup using the GUI installer.

The steps to load objects from the shipment media are given below:

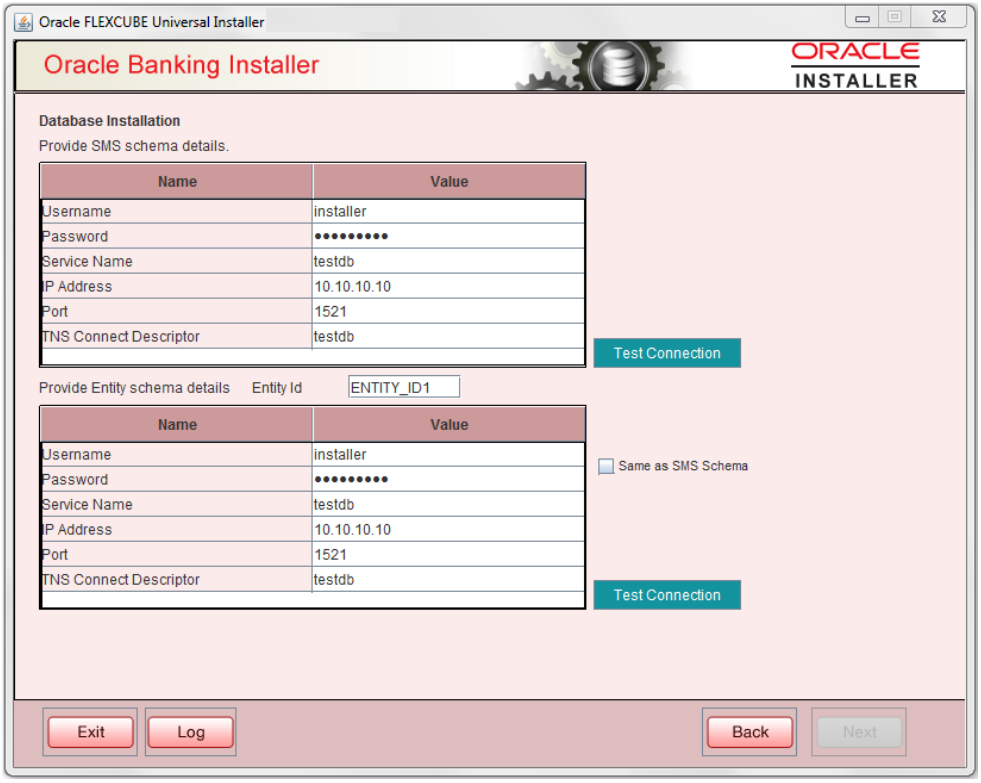
1. Double-click 'FCUBSInstaller.bat' batch file to launch Oracle Banking Trade Finance Universal Installer. The following screen is displayed. Select Utilities option and click '**Next**' button.



2. Select '**Day Zero Setup**' in Utility Screen and click '**Next**' as shown below:

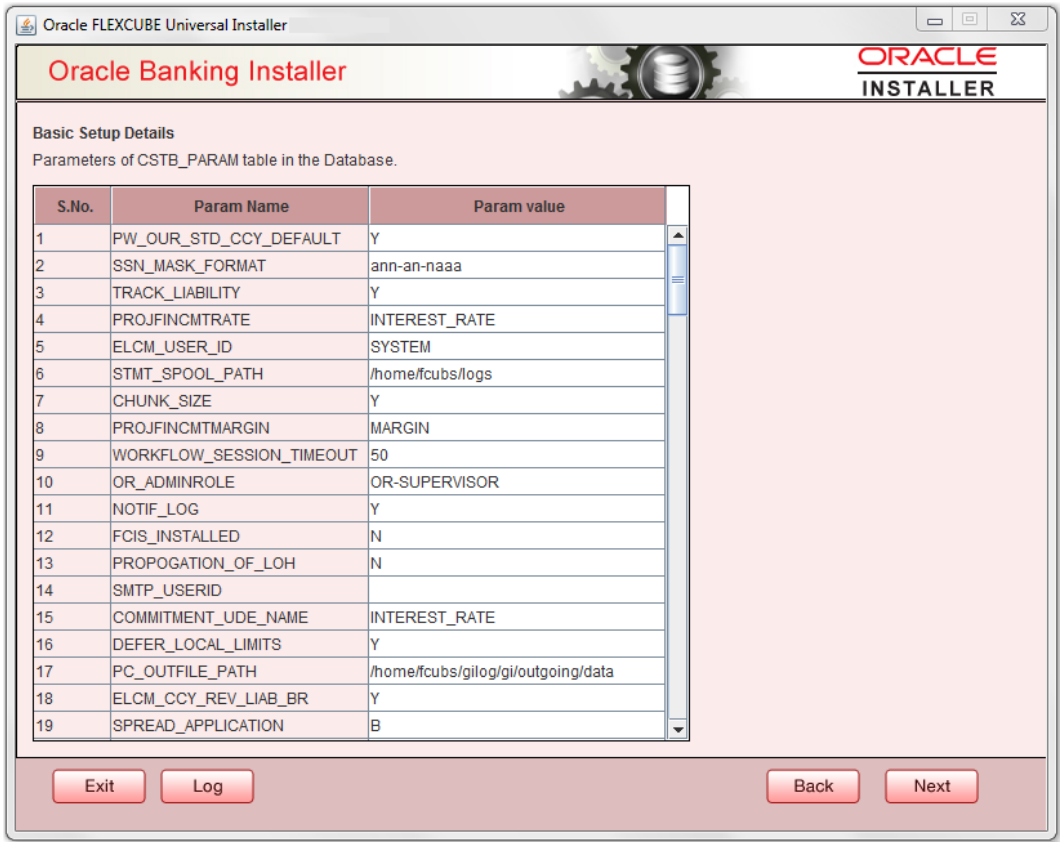


3. Click '**Next**' and in the below screen. OBTF Schema details to be entered is displayed:



Field	Description
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. **Note:** IP Address should be same as mentioned in the TNSnames.ora
Port	Specify the port number.
TNS Connect Descriptor	Specify the TNS Connect Descriptor. Here Entity Schema is mandatory, atleast minimum one entry should be provided. Entity Id value is default i.e. '**ENTITY_ID1**' for first entry. Provide the JNDI Name for the ENTITY_ID1. By default the jndi name is 'jdbc/fcjdevDS' Give the Schema Details for the Entity1. Here Compile In All Entities Field is 'N'. (As using the Single Entity Concept).

4. Click '**Next**' and the following screen is displayed:



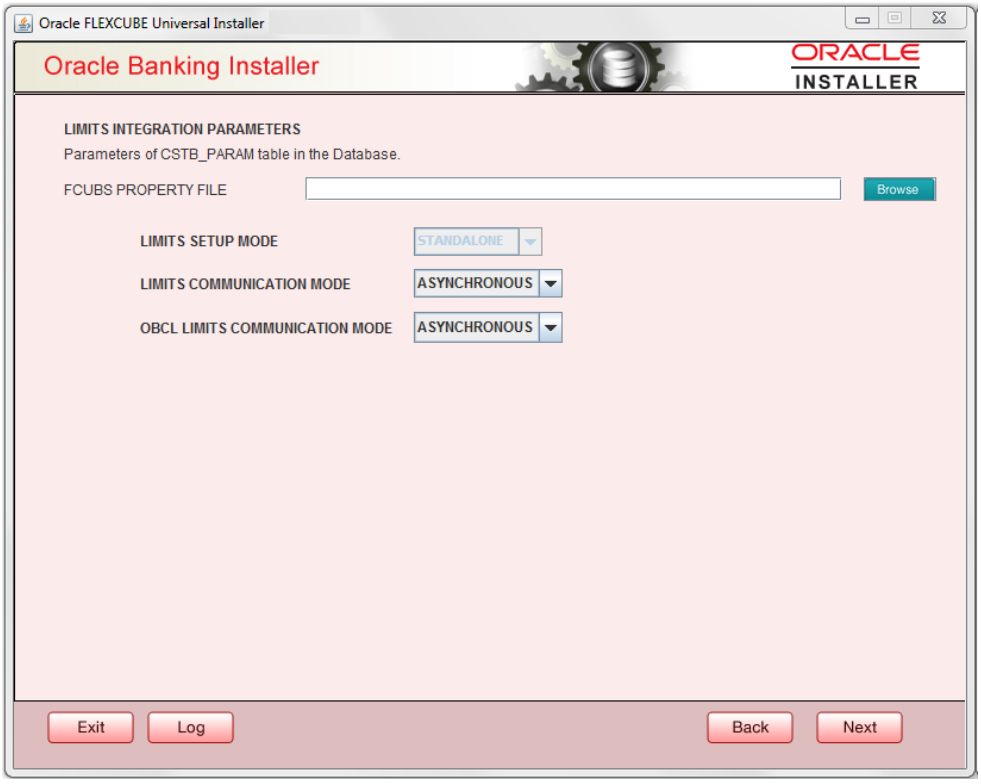
5. Screen displays basic setup details for table '**CSTB_PARAM**'.

   Here Oracle directory name (present in all_directories table in the schema) must be added for WORK_AREA and TRACE_AREA. Oracle directory name must be added for other required parameters also.

   Oracle directory creation in the schema can be done as below :

   Create or replace directory dir_name as 'directory_path';

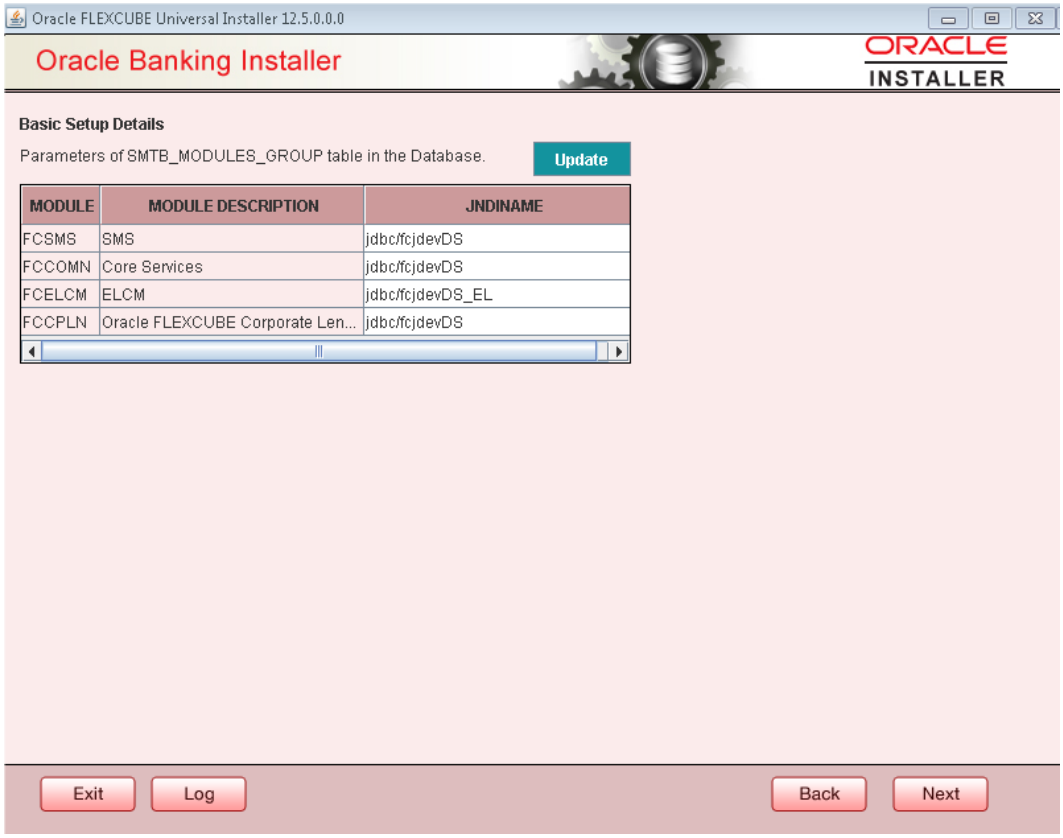
6. Click on '**Next**' button to display Limits integration Parameters Screen as shown below:



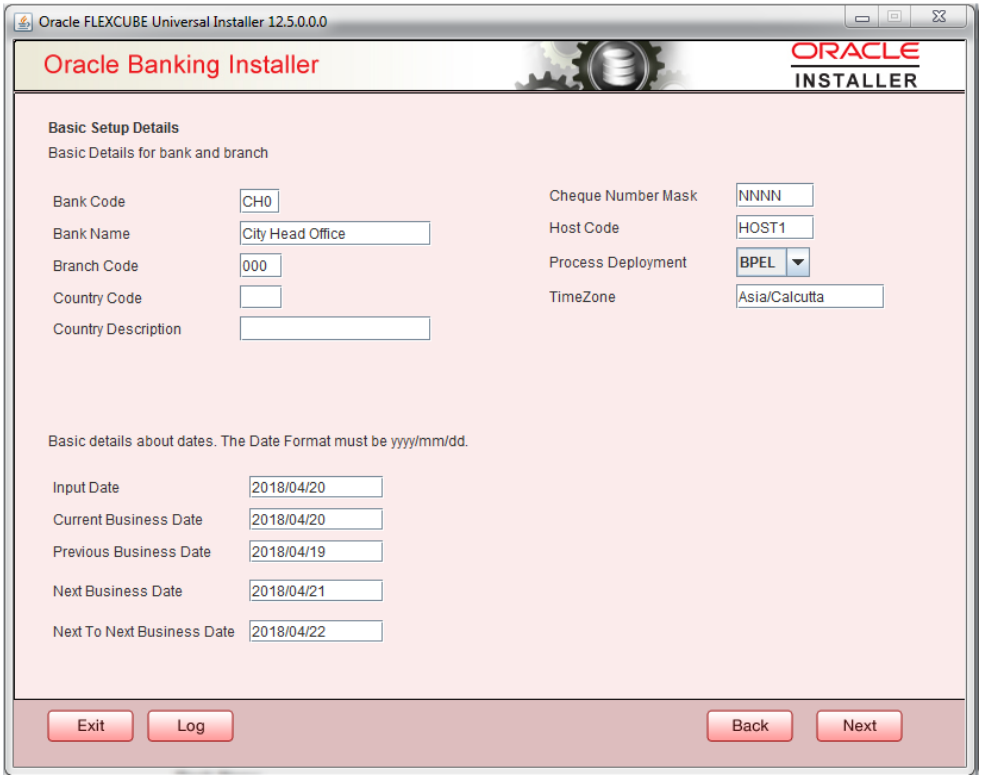
   Limits Integration Parameters will be set based on values read from fcubs.properties file browsed.

7. Click on '**Next**' button. Screen displays parameters for table **SMTB_MODULES_GROUP**.

   If any change is required in the JNDI name, edit the same and click on Update.



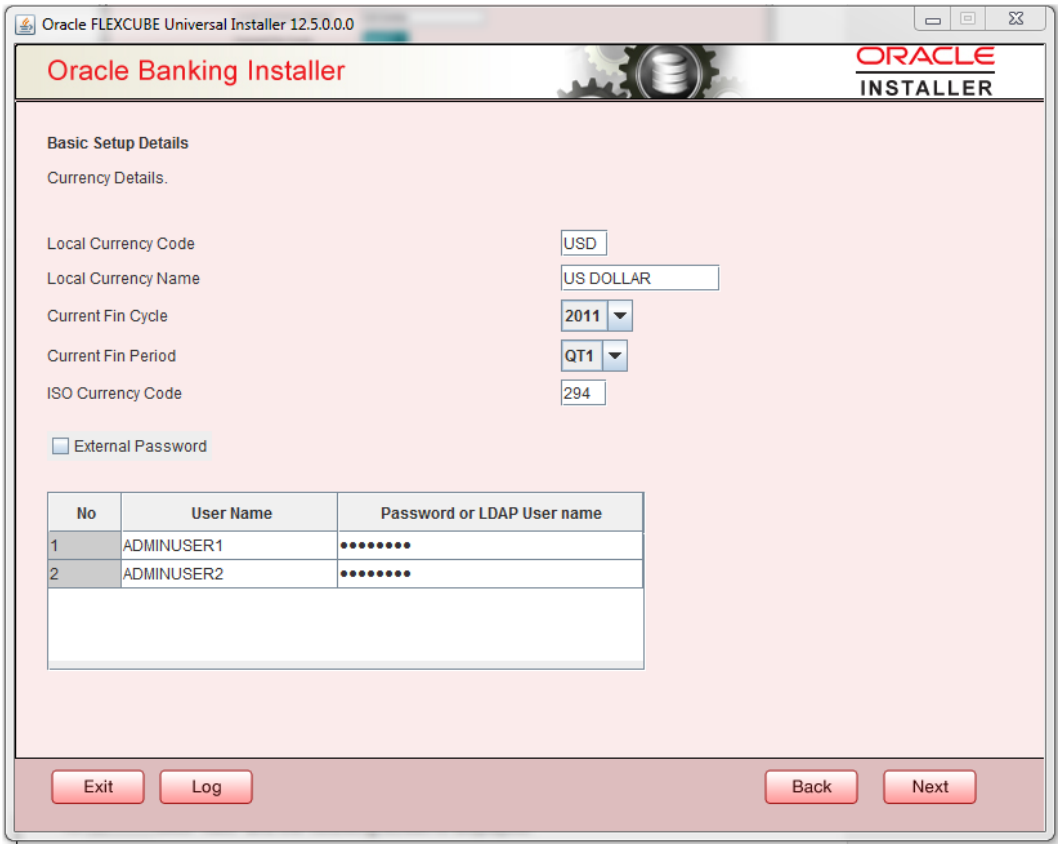
8. Click '**Next**'. The following screen is displayed.



Screen displays basic setup details for bank and branch, refer the table below:

Field	Description
Bank Code	Enter the bank code.
Bank Name	Enter the bank name.
Branch Code	Enter the branch code.
Country Code	Enter the Country code.
Country Description	Enter the Country Description.
Cheque Number Mask	Enter the Cheque Number Mask.
Process Deployment	Choose mode of process deployment between BPEL or BPMN.
Screen also displays basic setup details for dates:	
Input Date	Enter the input date.
Current Business Date	Enter the current business date.
Previous Business Date	Enter the previous business date.
Next Business Date	Enter the next business date.
Next to Next Business Date	Enter the next to next business date.

9. Click '**Next**'. The following screen is displayed.

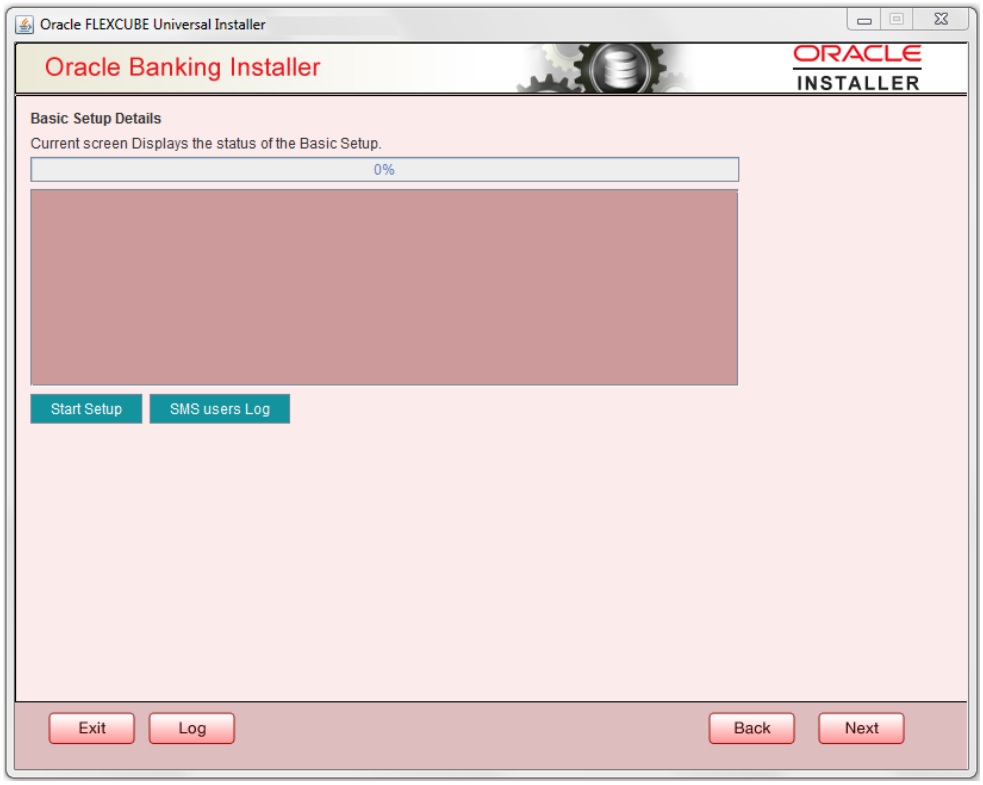


Screen displays basic setup details for currency, User can change them, refer the table below:

Field	Description
Local Currency Code	Enter Local Currency Code.
Local Currency Name	Enter Local Currency Name.
Current Fin Cycle	Enter Current Financial Cycle (any year from 2011 to 2050).
Current Fin Period	Enter Current Financial Period (QT1 to QT4,M01 to M12)
ISO Currency Code	Enter ISO Currency Code. Screen also displays basic setup details for the creating a user in Banking Trade Finance. Creation of 'SYSTEM' user is mandatory for payments processing, it needs to be created as part of static data setup.
External Password	Check this box to specify the external password.
User Name	Displays the user name. Change the user name if required.

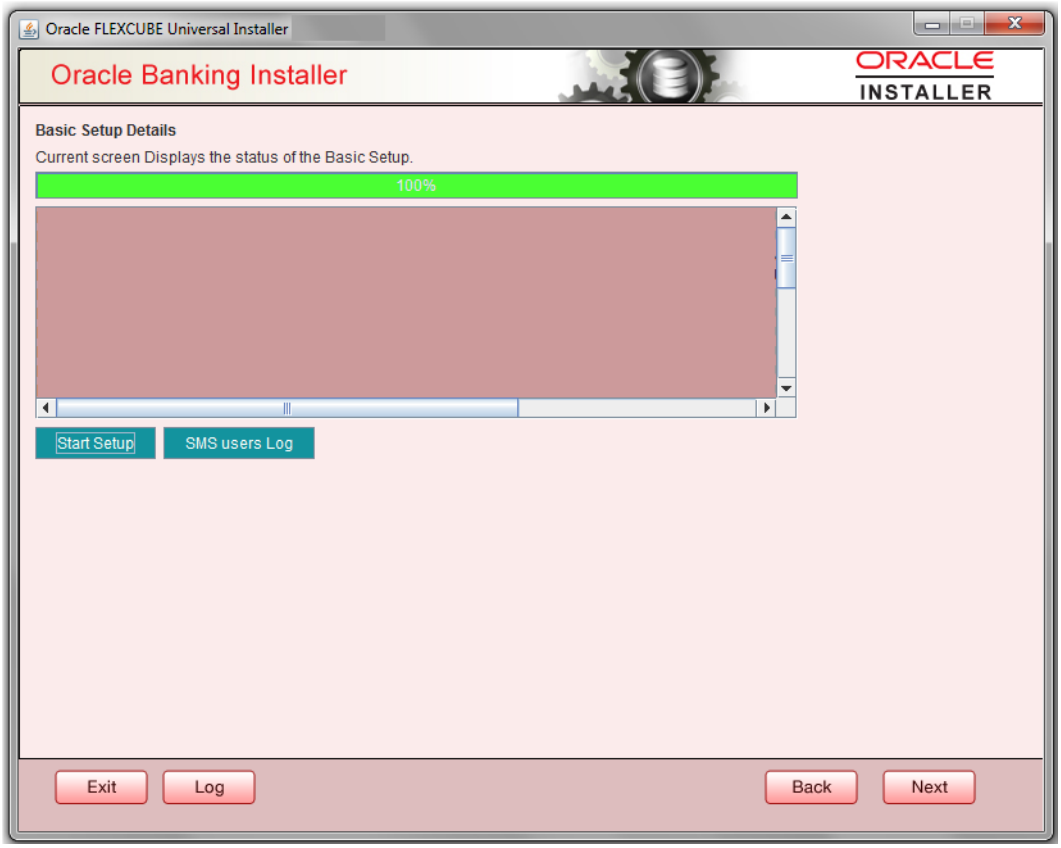
Field	Description
Password or LDAP User Name	Specify the password and it is mandatory. You can use the following characters in the password: • Alphabets in uppercase • Alphabets in lowercase • Numerals You cannot use '_' (underscore) in the password.

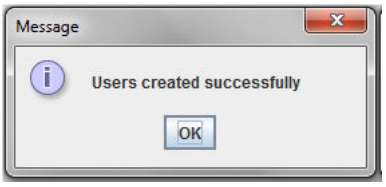
10. Click '**Next**' and the following screen is displayed:



11. Click '**Start Setup**' button to compile the entries. On completion the below Screen will be seen.

    User created logs can be viewed by clicking **SMS users Log** button.





This completes the basic setup process.

Invalid Recompilation script

Purpose

Check the invalid count.

Syntax

EXEC UTL_RECOMP.recomp_parallel(&THREADS,'&SCHEMA');

Gateway Standard XML

Purpose

T is necessary to execute gateway summary operations.

Syntax

```
DECLARE
n_count NUMBER;
r_count NUMBER;
e_count NUMBER;
BEGIN
select count(*)
into n_count
from Gwtm_Standard_Xml
where xml_name = 'NO_ROUTE_CONTROL_MSG';
select count(*)
into r_count
from Gwtm_Standard_Xml
where xml_name = 'ROUTE_CONTROL_MSG';
select count(*) into e_count
from Gwtm_Standard_Xml
where xml_name = 'ERROR_MSG';
IF n_count = 0
THEN
insert into Gwtm_Standard_Xml (XML_NAME, MESSAGE)
values ('NO_ROUTE_CONTROL_MSG', '<?xml version="1.0"?>
<FCUBS_CONTROL_METADATA>
<COMM_DET>
<GATEWAY>GATEWAY</GATEWAY>
<REQ_QUEUE>REQ_QUEUE</REQ_QUEUE>
<REQ_Q_MSG_ID>REQ_Q_MSG_ID</REQ_Q_MSG_ID>
<REQ_Q_CORR_ID>REQ_Q_CORR_ID</REQ_Q_CORR_ID>
<RESP_QUEUE>RESP_QUEUE</RESP_QUEUE>
```

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MSG_XCHANGE_PATTERN>

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<MSG_PROC_DET>

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<BRANCH>BRANCH</BRANCH>

<FUNCTIONID>FUNCTIONID</FUNCTIONID>

<ACTION>ACTION</ACTION>

<MULTITRIPID>MULTITRIPID</MULTITRIPID>

</MSG_ROC_DET>

```
</FCUBS_CONTROL_METADATA> ');
END IF;
IF r_count = 0
THEN
insert into Gwtm_Standard_Xml (XML_NAME, MESSAGE)
values ('ROUTE_CONTROL_MSG', '<?xml version="1.0"?>
<FCUBS_CONTROL_METADATA>
<COMM_DET>
<GATEWAY>GATEWAY</GATEWAY>
<REQ_QUEUE>REQ_QUEUE</REQ_QUEUE>
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<BRANCH>BRANCH</BRANCH>
<FUNCTIONID>FUNCTIONID</FUNCTIONID>
<ACTION>ACTION</ACTION>
<MULTITRIPID>MULTITRIPID</MULTITRIPID>
</MSG_PROC_DET>
</FCUBS_CONTROL_METADATA> ');
END IF;
IF e_count = 0
THEN
insert into Gwtm_Standard_Xml (XML_NAME, MESSAGE)
values ('ERROR_MSG', '<?xml version="1.0"?>
<FCUBS_RES_ENV>
<FCUBS_HEADER>
<SOURCE>SOURCE</SOURCE>
<UBSCOMP>UBSCOMP</UBSCOMP>
<MSGID>MSGID</MSGID>
<CORRELID>CORRELID</CORRELID>
<USERID>USERID</USERID>
<BRANCH>BRANCH</BRANCH>
<MODULEID>MODULEID</MODULEID>
<SERVICE>SERVICE</SERVICE>
<OPERATION>OPERATION</OPERATION>
<SOURCE_OPERATION>SOURCE_OPERATION</SOURCE_OPERATION>
<SOURCE_USERID>SOURCE_USERID</SOURCE_USERID>
<DESTINATION>DESTINATION</DESTINATION>
```

```
<MSGSTAT>FAILURE</MSGSTAT>
</FCUBS_HEADER>
<FCUBS_BODY>
<FCUBS_ERROR_RESP>
<ERROR> <ECODE>ECODE</ECODE>
<EDESC>EDESC</EDESC>
</ERROR>
</FCUBS_ERROR_RESP>
</FCUBS_BODY>
</FCUBS_RES_ENV> ');
END IF;
END;
/
COMMIT;
/
```