

# Oracle® Banking Trade Finance

## Installer Database Setup



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ORACLE®

Oracle Banking Trade Finance Installer Database Setup, Release 14.7.6.0.0

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# Preface

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## Purpose

This guide provide information about Oracle Banking Trade Finance database installation.

## Audience

This guide is intended for anyone responsible for installing Oracle Banking Application.

## 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>.

### **Access to Oracle Support**

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## Diversity and Inclusion

Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to build a more inclusive culture that positively impacts our employees, customers, and partners,

we are working to remove insensitive terms from our products and documentation. We are also mindful of the necessity to maintain compatibility with our customers' existing technologies and the need to ensure continuity of service as Oracle's offerings and industry standards evolve. Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

## Conventions

The following text conventions are used in this document:

Convention	Meaning
<b>boldface</b>	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
<code>monospace</code>	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

## Related Resources

For more information, see these Oracle Banking Trade Finance resources:

- [Oracle Banking Trade Finance Release Notes](#)
- [Oracle Banking Trade Finance Install & Upgrade](#)

## Screenshot Disclaimer

Personal information used in the interface or documents is dummy and does not exist in the real world. It is only for reference purposes.

# 1

## 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.

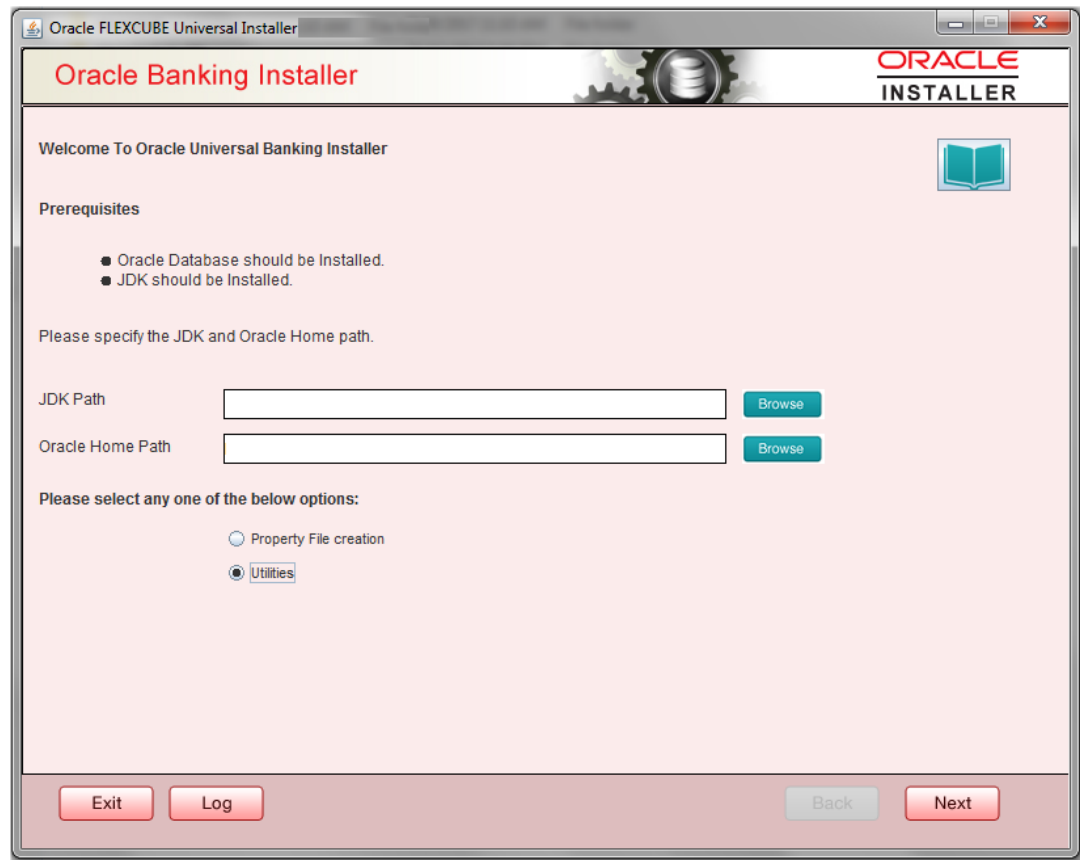
#### Gwtm\_Standard\_Xml.sql

## 1.3.2 Basic Setup using GUI Installer

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

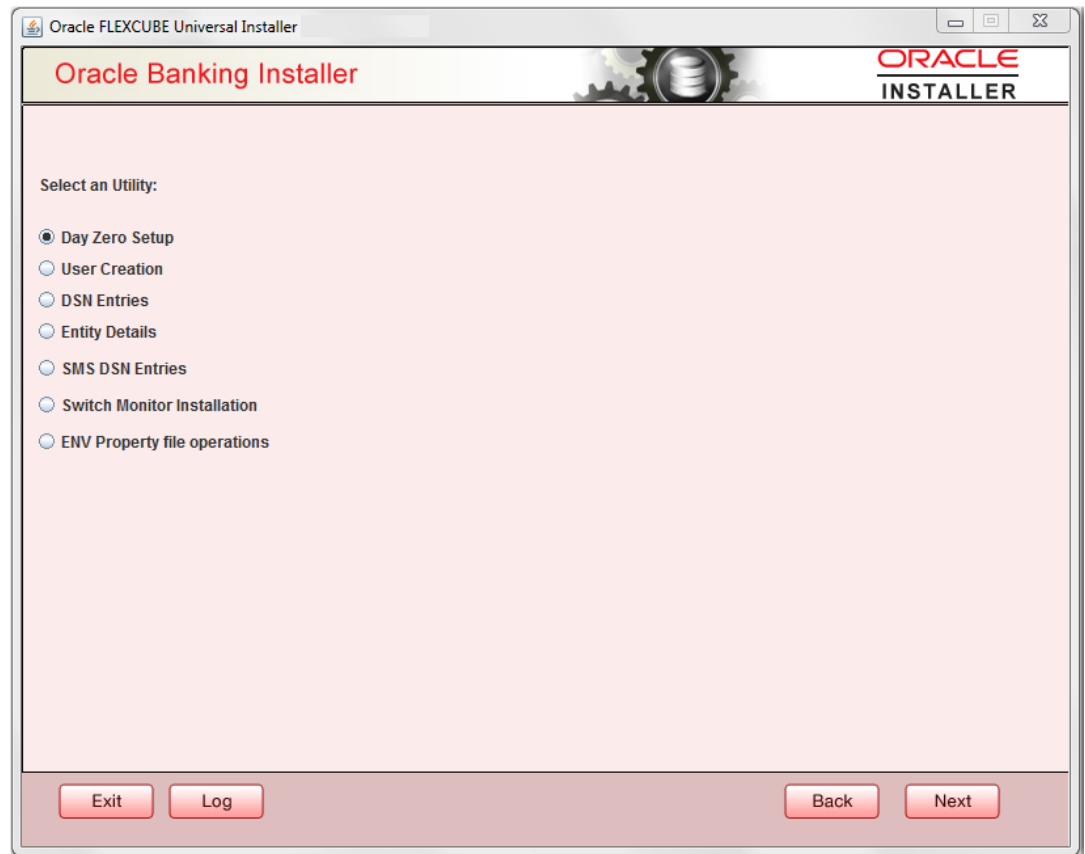
The steps to load objects from the shipment media are given below:

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:

**Oracle Banking Installer**

**Database Installation**  
Provide SMS schema details.

Name	Value
Username	installer
Password	••••••••
Service Name	testdb
IP Address	10.10.10.10
Port	1521
TNS Connect Descriptor	testdb

Test Connection


Provide Entity schema details Entity Id

Name	Value
Username	installer
Password	••••••••
Service Name	testdb
IP Address	10.10.10.10
Port	1521
TNS Connect Descriptor	testdb

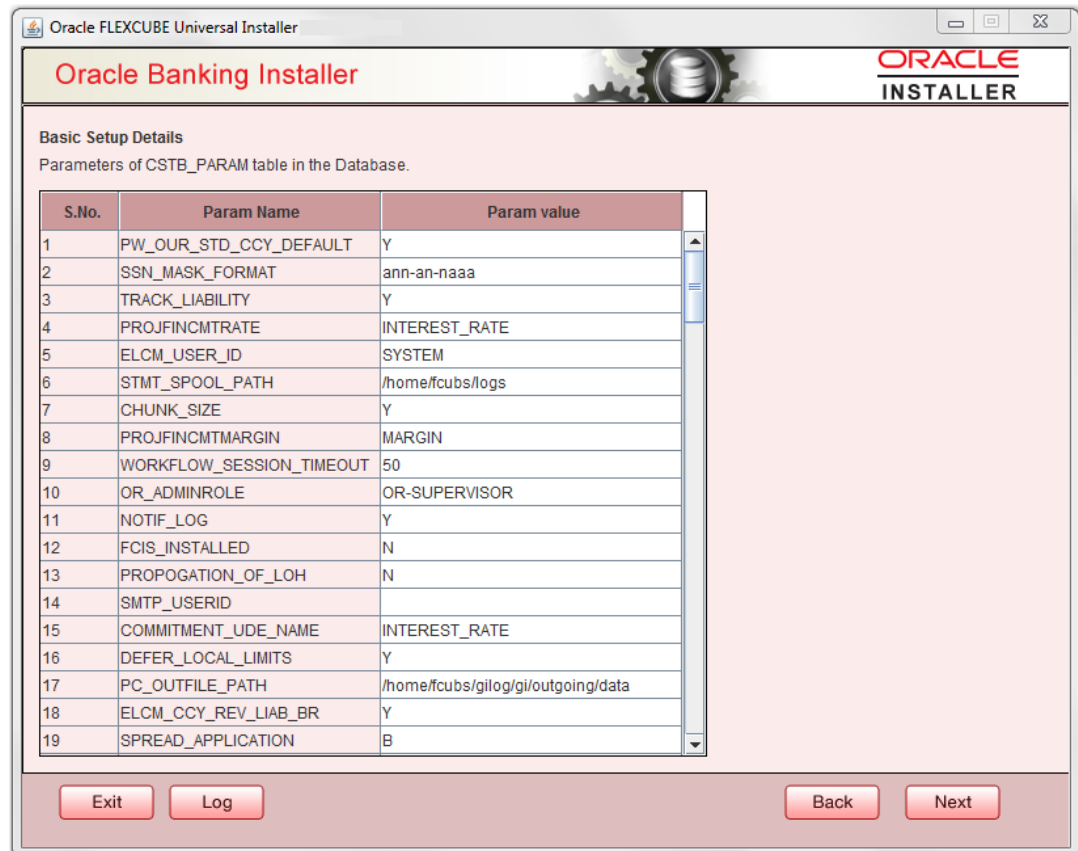
☐ Same as SMS Schema

Test Connection

Exit Log Back Next

Field	Description
<b>User Name</b>	Specify the user name to access the schema.
<b>Password</b>	Enter the schema password.
<b>Service Name</b>	Provide service name of database.
<b>IP Address</b>	Specify the IP address of the system where the database schema is installed. <div>  <b>Note:</b> IP Address should be same as mentioned in the TNSnames.ora </div>
<b>Port</b>	Specify the port number.
<b>TNS Connect Descriptor</b>	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/fcjddevDS' Give the Schema Details for the Entity1. Here Compile In All Entities Field is 'N'. (As using the Single Entity Concept).

- Click **'Next'** and the following screen is displayed:



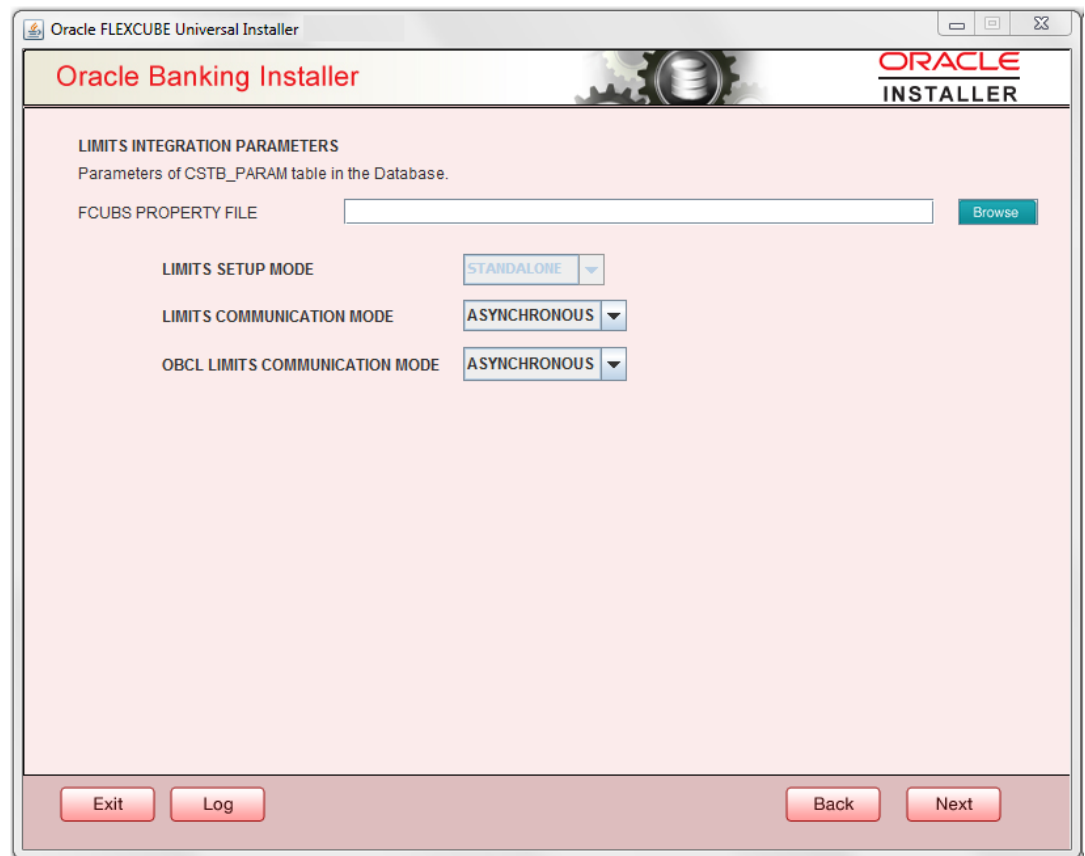
- Screen displays basic setup details for table 'CSTB\_PARAM'.

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 :

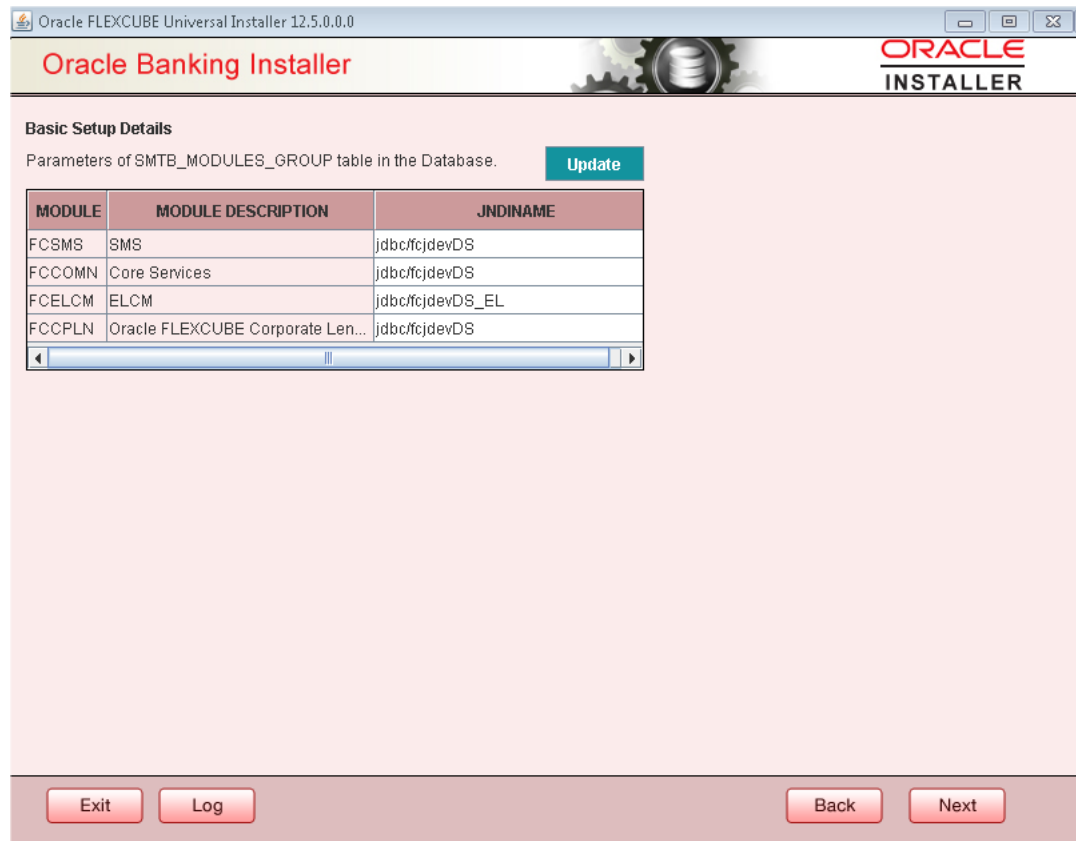
Create or replace directory dir\_name as 'directory\_path';

- 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.



- Click 'Next'. The following screen is displayed.

The screenshot shows the 'Oracle Banking Installer' window. The title bar reads 'Oracle FLEXCUBE Universal Installer 12.5.0.0.0'. The window has a header with the Oracle logo and 'INSTALLER'. The main content area is titled 'Basic Setup Details' and 'Basic Details for bank and branch'. It contains two columns of input fields. The left column includes 'Bank Code' (CH0), 'Bank Name' (City Head Office), 'Branch Code' (000), 'Country Code' (empty), and 'Country Description' (empty). The right column includes 'Cheque Number Mask' (NNNN), 'Host Code' (HOST1), 'Process Deployment' (BPEL dropdown), and 'TimeZone' (Asia/Calcutta). Below these fields, there is a note: 'Basic details about dates. The Date Format must be yyyy/mm/dd.' followed by five date input fields: 'Input Date' (2018/04/20), 'Current Business Date' (2018/04/20), 'Previous Business Date' (2018/04/19), 'Next Business Date' (2018/04/21), and 'Next To Next Business Date' (2018/04/22). At the bottom, there are four buttons: 'Exit', 'Log', 'Back', and 'Next'.

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

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

- Click 'Next'. The following screen is displayed.

Oracle FLEXCUBE Universal Installer 12.5.0.0.0

## Oracle Banking Installer

ORACLE  
INSTALLER

### Basic Setup Details

Currency Details.

Local Currency Code: USD

Local Currency Name: US DOLLAR

Current Fin Cycle: 2011

Current Fin Period: QT1

ISO Currency Code: 294


☐ External Password

No	User Name	Password or LDAP User name
1	ADMINUSER1	••••••••
2	ADMINUSER2	••••••••

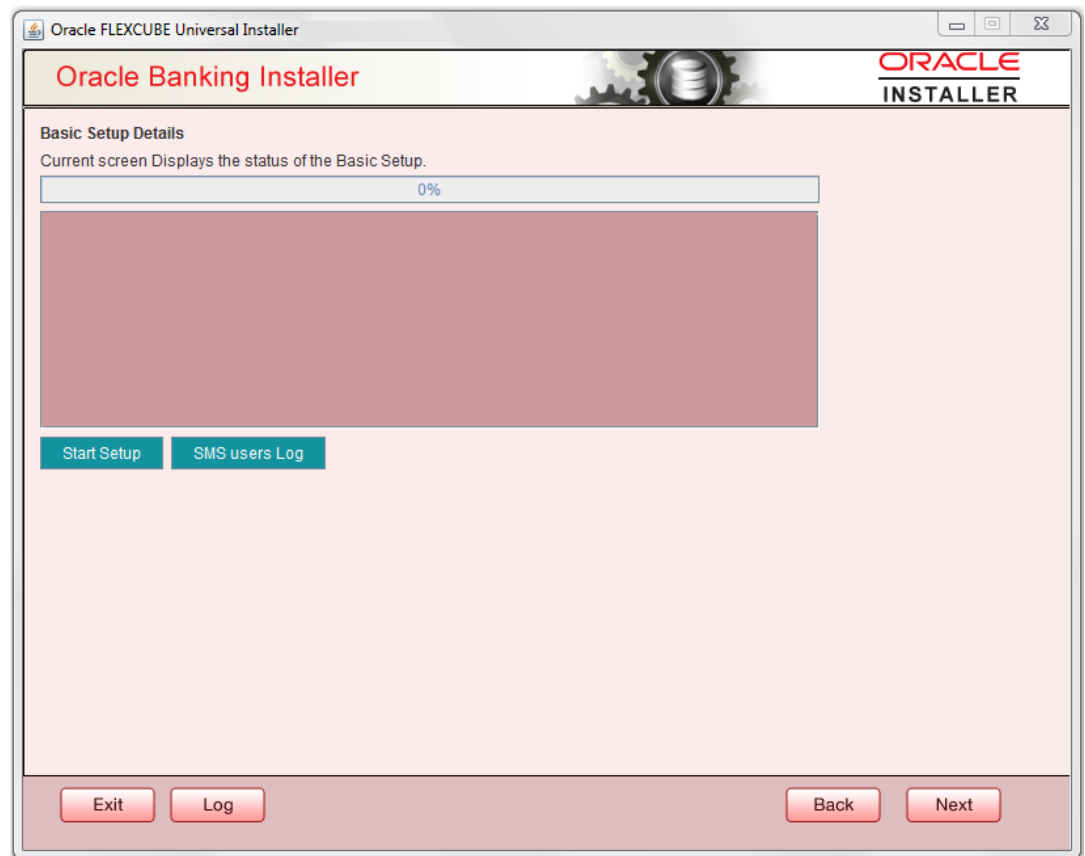
Exit Log Back Next

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

Field	Description
<b>Local Currency Code</b>	Enter Local Currency Code.
<b>Local Currency Name</b>	Enter Local Currency Name.
<b>Current Fin Cycle</b>	Enter Current Financial Cycle (any year from 2011 to 2050).
<b>Current Fin Period</b>	Enter Current Financial Period (QT1 to QT4,M01 to M12)
<b>ISO Currency Code</b>	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.
<b>External Password</b>	Check this box to specify the external password.
<b>User Name</b>	Displays the user name. Change the user name if required.

Field	Description
<b>Password or LDAP User Name</b>	<p>Specify the password and it is mandatory. You can use the following characters in the password:</p> <ul style="list-style-type: none"> <li>• Alphabets in uppercase</li> <li>• Alphabets in lowercase</li> <li>• Numerals</li> </ul>  <p>You cannot use ' _ ' (underscore) in the password.</p>

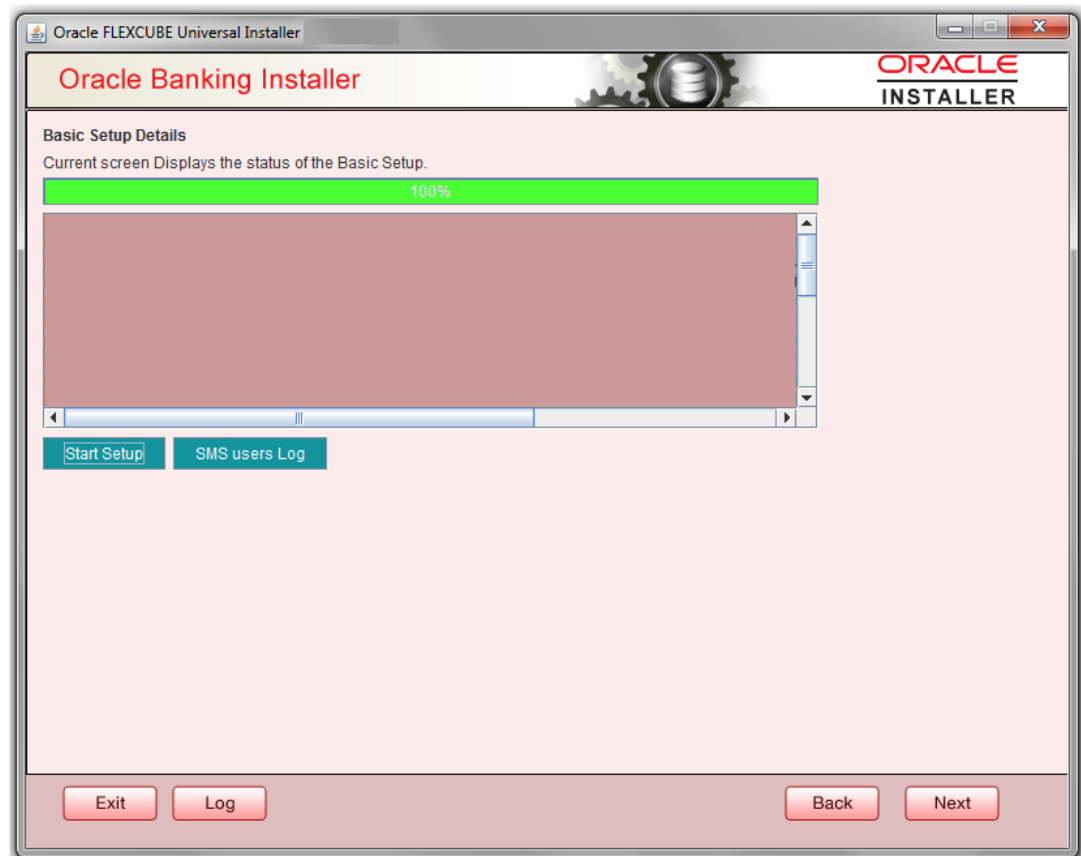
10. Click '**Next**' and the following screen is displayed:



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>
<IS_ROUTE_REQ>IS_ROUTE_REQ</IS_ROUTE_REQ>
```

---

```

<CONNECTION_NAME>CONNECTION_NAME</CONNECTION_NAME>
<CORRELATION_PATTERN>CORRELATION_PATTERN</CORRELATION_PATTERN>
<MSG_XCHANGE_PATTERN>MSG_XCHANGE_PATTERN</MSG_XCHANGE_PATTERN>
<MSG_ID>MSG_ID</MSG_ID> <CORREL_ID>CORREL_ID</CORREL_ID>
<GEN_REQ_MSG_REF>GEN_REQ_MSG_REF</GEN_REQ_MSG_REF>
<GEN_RESP_MSG_REF>GEN_RESP_MSG_REF</GEN_RESP_MSG_REF>
<SOURCE_USER>SOURCE_USER</SOURCE_USER>
<IS_RESP_Q_MSG_ID_REQ>IS_RESP_Q_MSG_ID_REQ</IS_RESP_Q_MSG_ID_REQ>
<RESP_Q_MSG_ID>RESP_Q_MSG_ID</RESP_Q_MSG_ID>
<RESP_Q_CORREL_ID>RESP_Q_CORREL_ID</RESP_Q_CORREL_ID>
<BRN_APP_DATE>BRN_APP_DATE</BRN_APP_DATE>
<FC_TRN_REF_NO>FC_TRN_REF_NO</FC_TRN_REF_NO>
<ERR_CODE>ERR_CODE</ERR_CODE>
<ERR_PARAM>ERR_PARAM</ERR_PARAM>
<XSD_NAME>XSD_NAME</XSD_NAME>
<XSD_VAL_REQD>XSD_VAL_REQD</XSD_VAL_REQD>
<FORMAT>FORMAT</FORMAT>
</COMM_DET>
<MSG_PROC_DET>
<UBSCOMP>UBSCOMP</UBSCOMP>
<SOURCE>SOURCE</SOURCE>
<SERVICE>SERVICE</SERVICE>
<OPERATION>OPERATION</OPERATION>
<SOURCE_OPERATION>SOURCE_OPERATION</SOURCE_OPERATION>
<USERID>USERID</USERID>
<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>
<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>
<IS_ROUTE_REQ>IS_ROUTE_REQ</IS_ROUTE_REQ>
<CONNECTION_NAME>CONNECTION_NAME</CONNECTION_NAME>
<CORRELATION_PATTERN>CORRELATION_PATTERN</CORRELATION_PATTERN>
<MSG_XCHANGE_PATTERN>MSG_XCHANGE_PATTERN</MSG_XCHANGE_PATTERN>
<MSG_ID>MSG_ID</MSG_ID>
<CORREL_ID>CORREL_ID</CORREL_ID>
<GEN_REQ_MSG_REF>GEN_REQ_MSG_REF</GEN_REQ_MSG_REF>
<GEN_RESP_MSG_REF>GEN_RESP_MSG_REF</GEN_RESP_MSG_REF>
<SOURCE_USER>SOURCE_USER</SOURCE_USER>
<IS_RESP_Q_MSG_ID_REQ>IS_RESP_Q_MSG_ID_REQ</IS_RESP_Q_MSG_ID_REQ>
<RESP_Q_MSG_ID>RESP_Q_MSG_ID</RESP_Q_MSG_ID>
<RESP_Q_CORREL_ID>RESP_Q_CORREL_ID</RESP_Q_CORREL_ID>
<BRN_APP_DATE>BRN_APP_DATE</BRN_APP_DATE>
<FC_TRN_REF_NO>FC_TRN_REF_NO</FC_TRN_REF_NO>
<ERR_CODE>ERR_CODE</ERR_CODE>
<ERR_PARAM>ERR_PARAM</ERR_PARAM>
<XSD_NAME>XSD_NAME</XSD_NAME>
<XSD_VAL_REQD>XSD_VAL_REQD</XSD_VAL_REQD>
<FORMAT>FORMAT</FORMAT>
<DISTRIBUTED_INSTALLATION>DISTRIBUTED_INSTALLATION</
DISTRIBUTED_INSTALLATION>
</COMM_DET>
<MSG_PROC_DET>
<UBSCOMP>UBSCOMP</UBSCOMP>
<SOURCE>SOURCE</SOURCE>
<SERVICE>SERVICE</SERVICE>

```

---

---

```

<OPERATION>OPERATION</OPERATION>
<SOURCE_OPERATION>SOURCE_OPERATION</SOURCE_OPERATION>
<USERID>USERID</USERID>
<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;
/
```