Oracle FLEXCUBE Core Banking

Oracle FLEXCUBE-CORE RCU Installation Guide

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Introduction

This is the first step in installation of Oracle FLEXCUBE-CORE 5.2.0.0.0 release. Here we use Oracle 12C (version 12.1.0.2.0) Database server to setup a centralized repository for all the bank data. This database is updated online and real time by all the delivery channels such ad ATM, Telebanking, Bank Teller etc. This database is the key to “Any time, Anywhere Banking”.

This document is logically split in following Sections –

- Pre-requisites
- RCU Setup
- Run RCU

Pre-requisites

Note

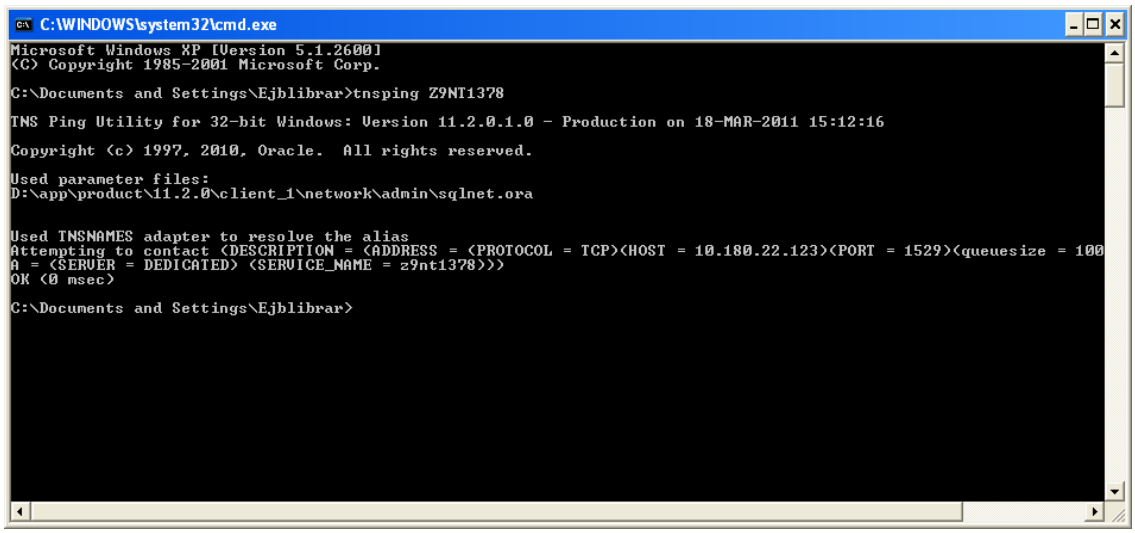
This document is to be used to load FLEXCUBE-CORE database objects into the Oracle Database. This script has to be run from a windows operating system with a client installation of Oracle 12c (based on the installation) present.

- Before running RCU (Repository Creation Utility) please make sure Database should be installed on Linux server with specific user, which have all required rights, where you want create the schemas.

- Please take the path of dbf file location.

Please contact of system administrator for above point.

Before starting this process, make sure that tnsnames.ora of the client installation has an entry for the DB Server on which objects are to be created; and you are able to **“tnsping”** that database server from the client machine.


C:\WINDOWS\system32\cmd.exe
Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.
C:\Documents and Settings\Ejblibrar>tnsping Z9NT1378
TNS Ping Utility for 32-bit Windows: Version 11.2.0.1.0 - Production on 18-MAR-2011 15:12:16
Copyright (c) 1997, 2010, Oracle. All rights reserved.
Used parameter files:
D:\app\product\11.2.0\client_1\network\admin\sqlnet.ora
Used TNSNAMES adapter to resolve the alias
Attempting to contact (DESCRIPTION = (ADDRESS = (PROTOCOL = TCP)(HOST = 10.180.22.123)(PORT = 1529)(queuesize = 100
A = (SERVER = DEDICATED) (SERVICE_NAME = z9nt1378)))
OK (0 msec)
C:\Documents and Settings\Ejblibrar>

RCU Setup

1 Copy the contents from the Oracle_FLEXCUBE_Core_Banking_5.2.0.0.0.zip file in to C or D drive (root Folder) on the computer. Right click on this file and select option to unzip the file with option as ‘Extract Here’. This will create a new folder ‘Relarea_Encrypted’ and extract the files under this folder.

2 Go to the path “Oracle_FLEXCUBE_Core_Banking_5.2.0.0.0\Relarea_Encrypted\flexcube\install\RCU\”, and select file ‘FLEXCUBE_RCU.zip’. Right click on this file and select option to unzip the file with option as ‘Extract Here’. This will create a new folder ‘RCU_HOME’ and extract the files under this folder.

3 Run the MoveFolders.bat from the “Oracle_FLEXCUBE_Core_Banking_5.2.0.0.0\Relarea_Encrypted\flexcube\install\RCU\”.

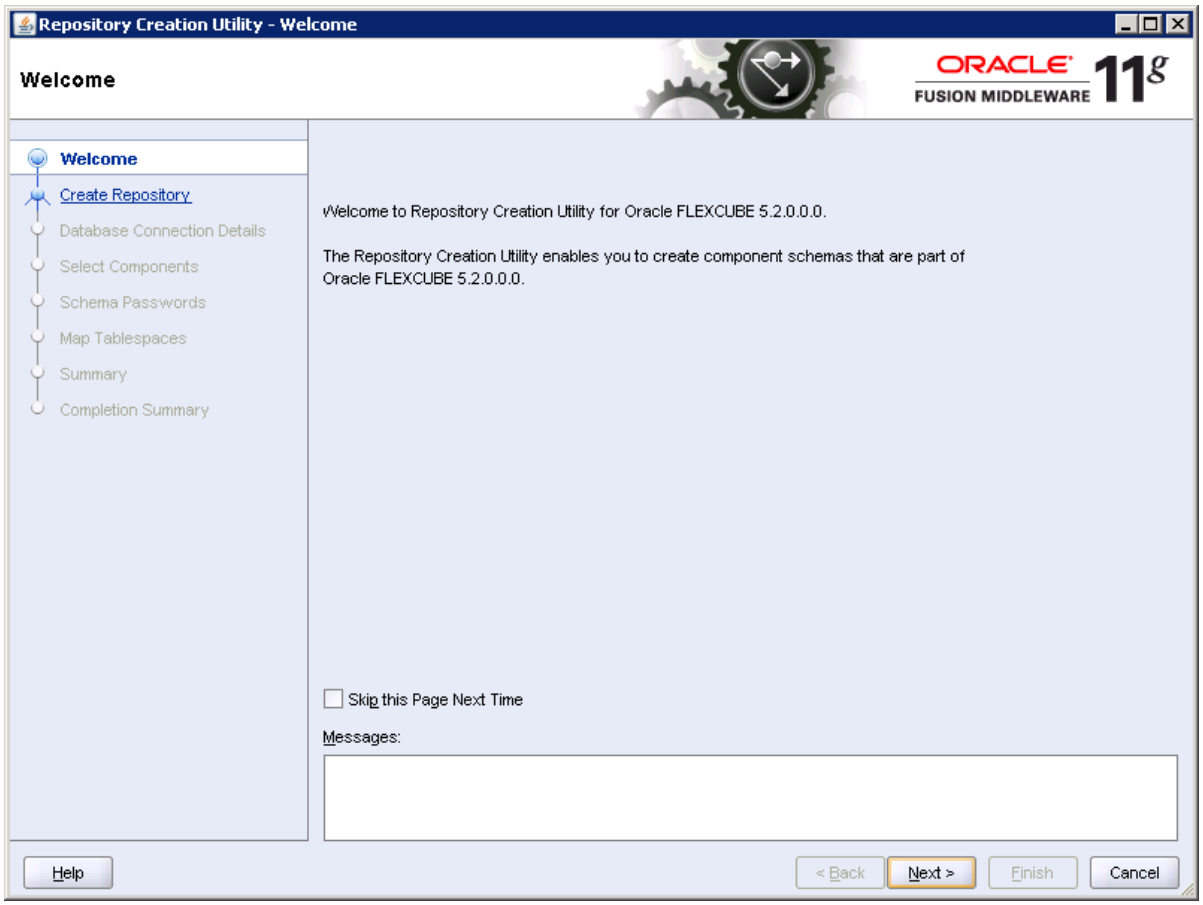
4 This bat file move the DB object from Relarea_Encrypted\flexcube to the RCU_HOME corresponding directory, where RCU pickups the files.

Running RCU

Run Rcu.bat from “Oracle_FLEXCUBE_Core_Banking_5.2.0.0.0\Relarea_Encrypted \flexcube\install\RCU\RCU_HOME\BIN\”.

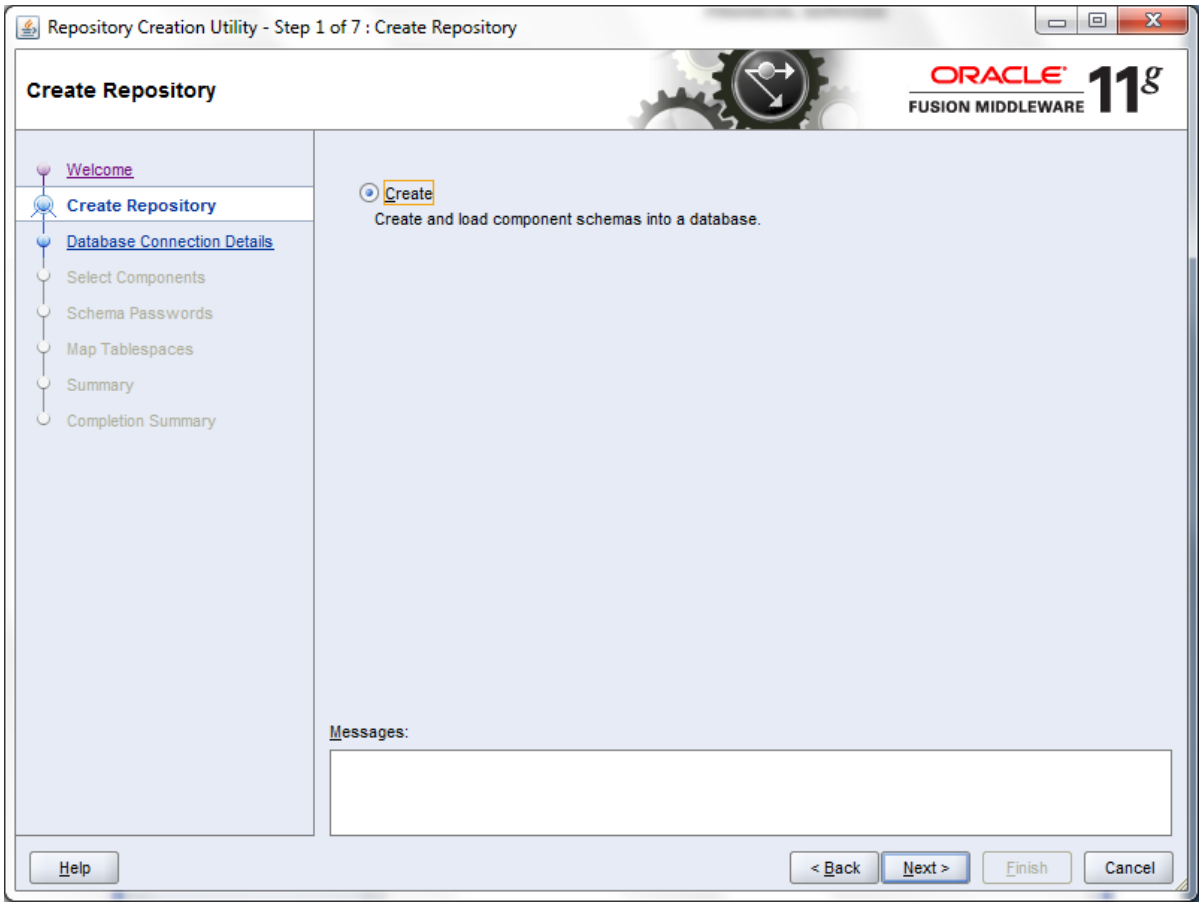
This will pop up a RCU Welcome Screen. Please follow the instructions as given below.

4.1 Welcome Screen



Click on ‘**Next’ button**

4.2 Create/Drop Repository



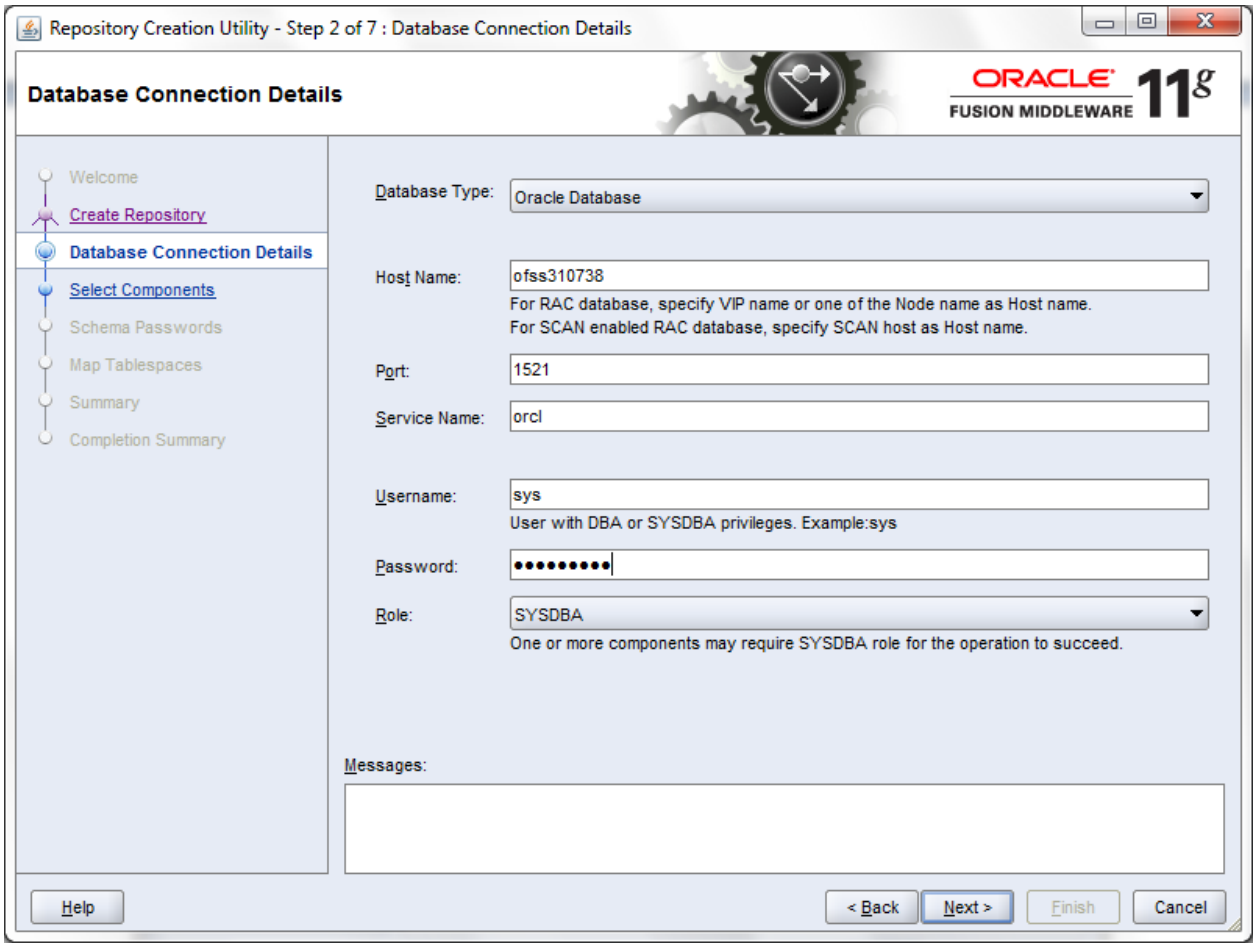
Create –To create a FLEXCUBE-CORE Single Schema

Click on '**Next' button**

4.3 Database Connection Details

Enter here DB Connection details.

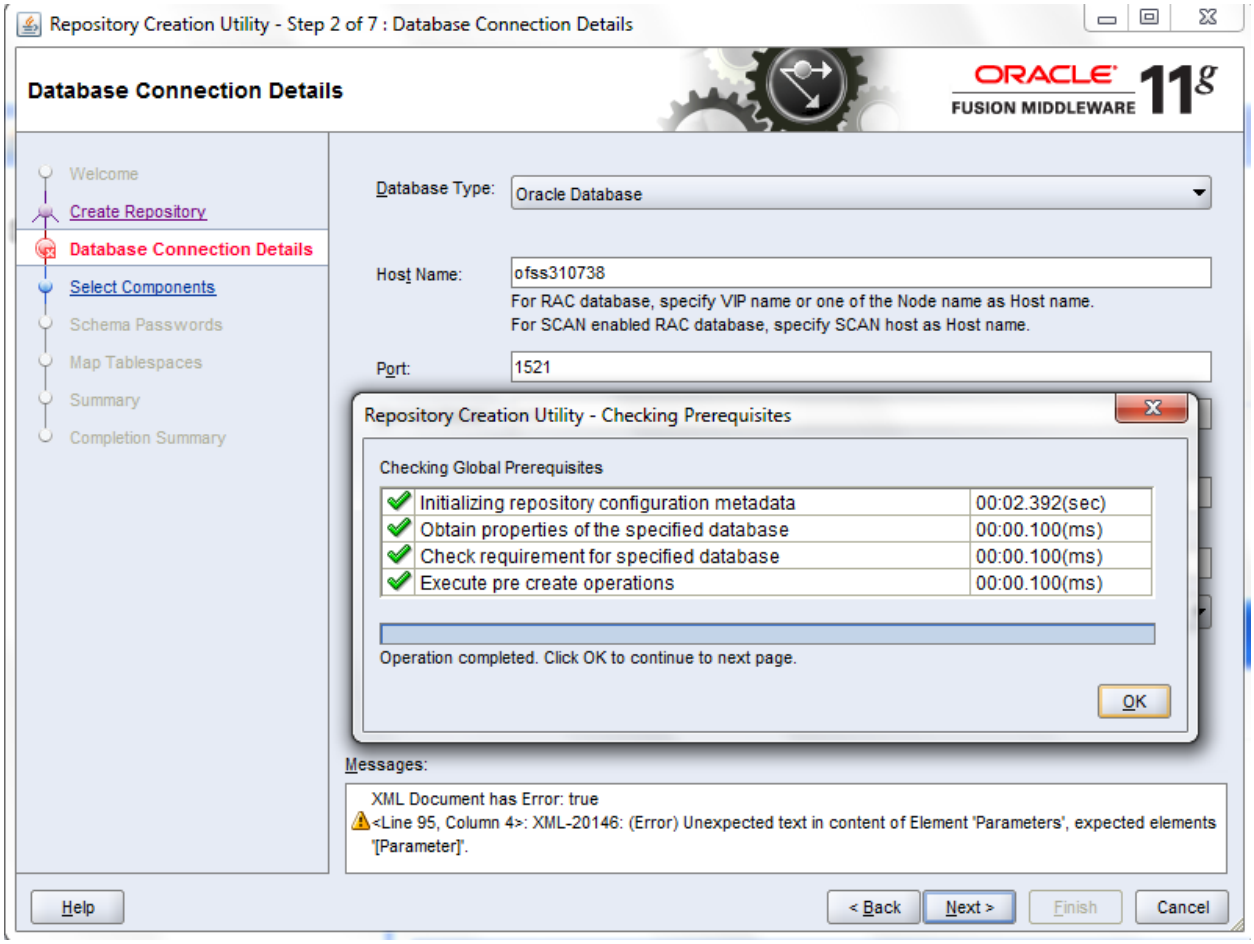
Please contact with system administrator for the input values.



*The username field should have a user with DBA or SYSDBA privileges.

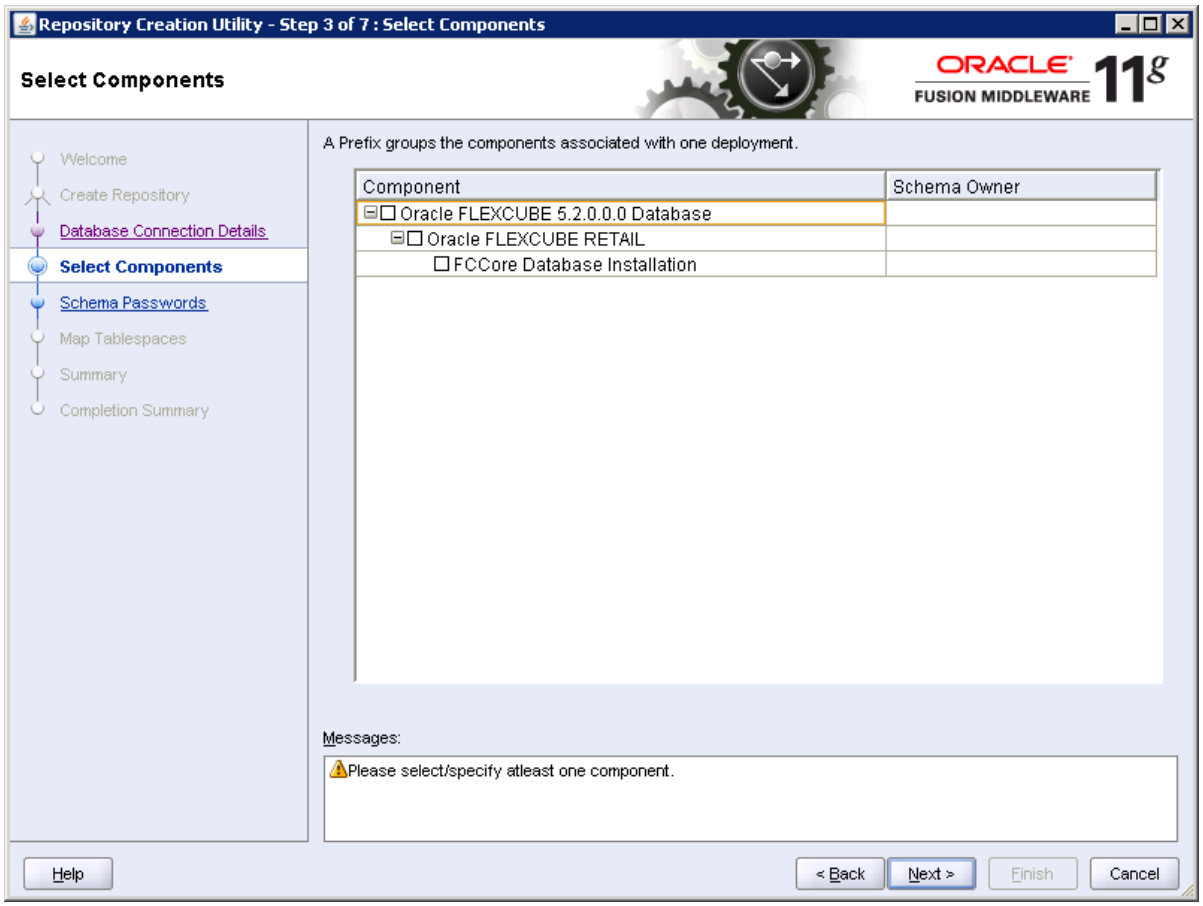
Click on '**Next' button**

4.4 Checking Prerequisites at the DB level



Click on '**OK' button**

4.5 Select Components



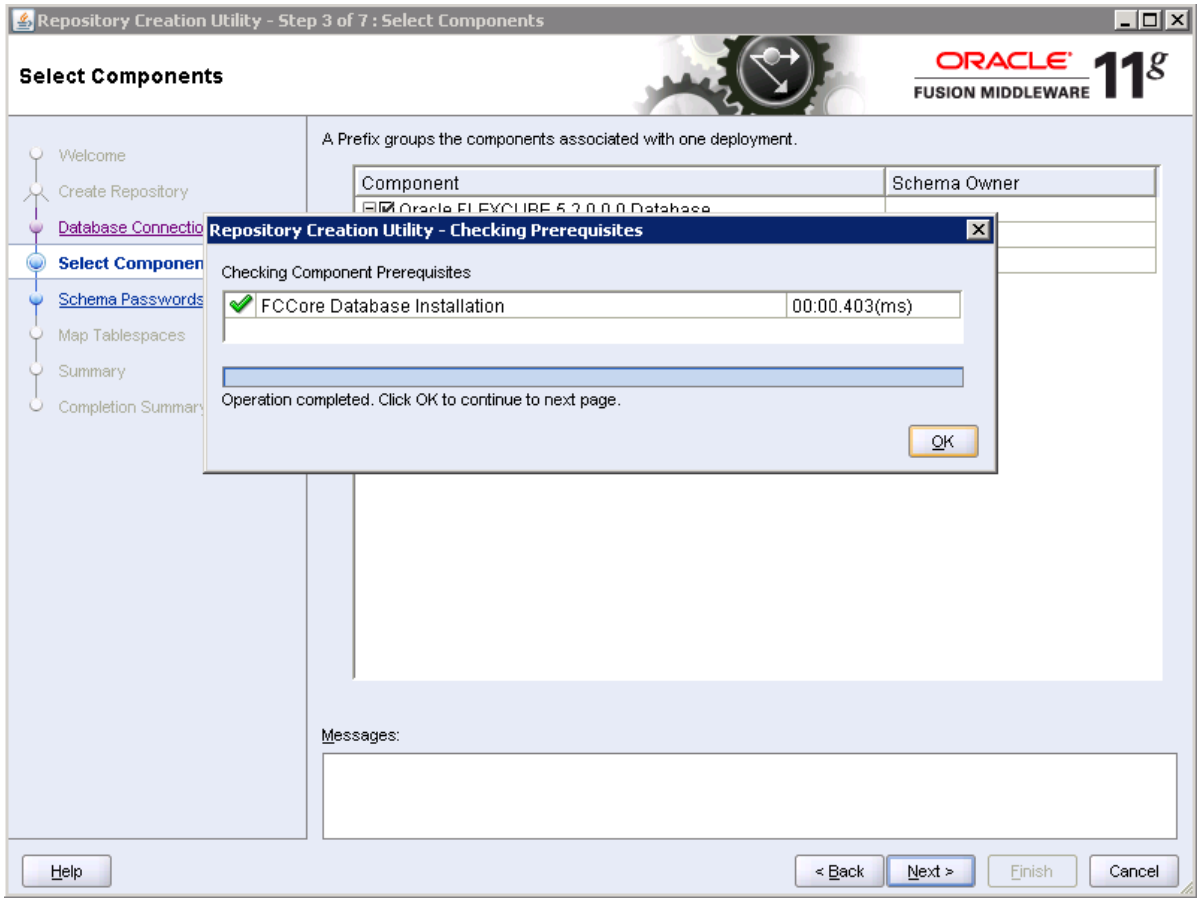
Please follow below.

- Select checkbox ‘Oracle FLEXCUBE 5.2.0.0.0 Database’.
- Select checkbox ‘Oracle FLEXCUBE RETAIL’.
- Select checkbox ‘FCCORE Database Installation’.
- Please input Host Schema name against field ‘FCCORE Database Installation’ under column Schema Owner.

* For FCR HOST Schema name please contact your system administrator.

Click on ‘**Next’ button**

4.6 Checking Prerequisites at the component level



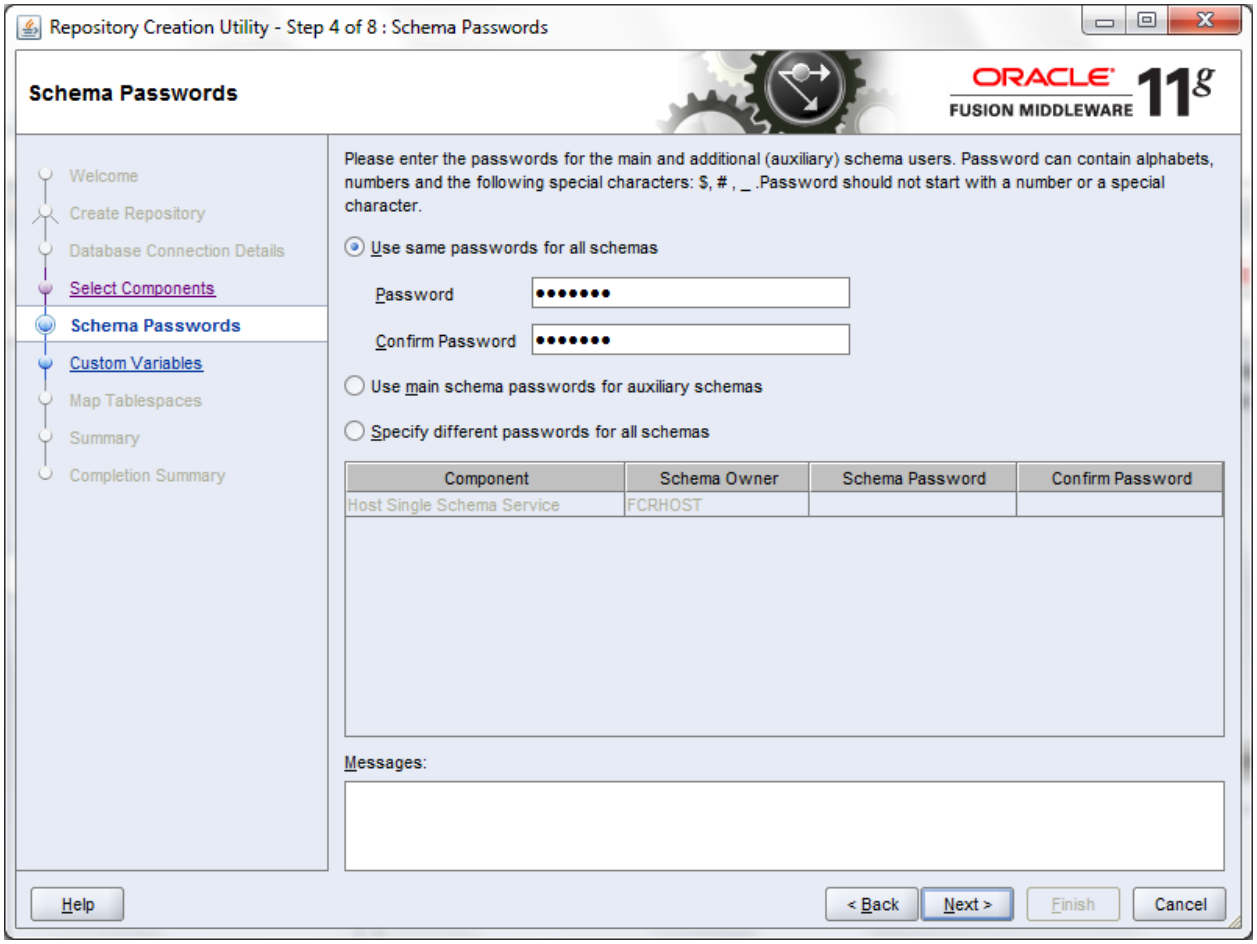
If the following component level pre-requisites are met, RCU progresses to the next screen.

It then checks if the Initial parameters at the instance (SYS) level meets the expected value.

Then checks if the Schema Owner entered by the USER is existing. If existing schema owner is present then RCU will prompt the USER that the SCHEMA exists. The user can ignore the message if he wishes to continue with the existing SCHEMA or you create put new schema name here.

Click on '**OK' button**

4.7 Schema Password Screen

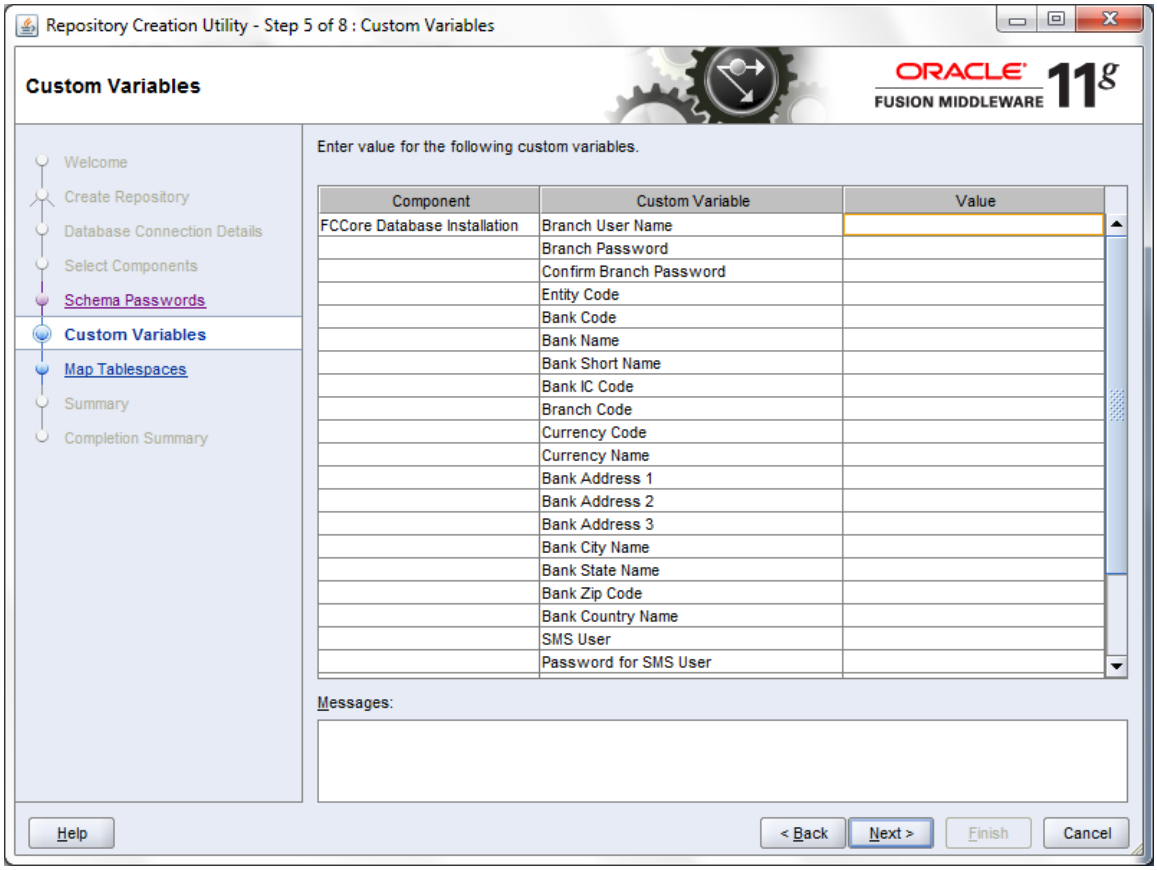


Please select option ‘use same passwords for all schemas’ and enter the desired password for new FC CORE Host Schema that has to be created. Please refer to previous screen (point 4.6) for Host Schema name.

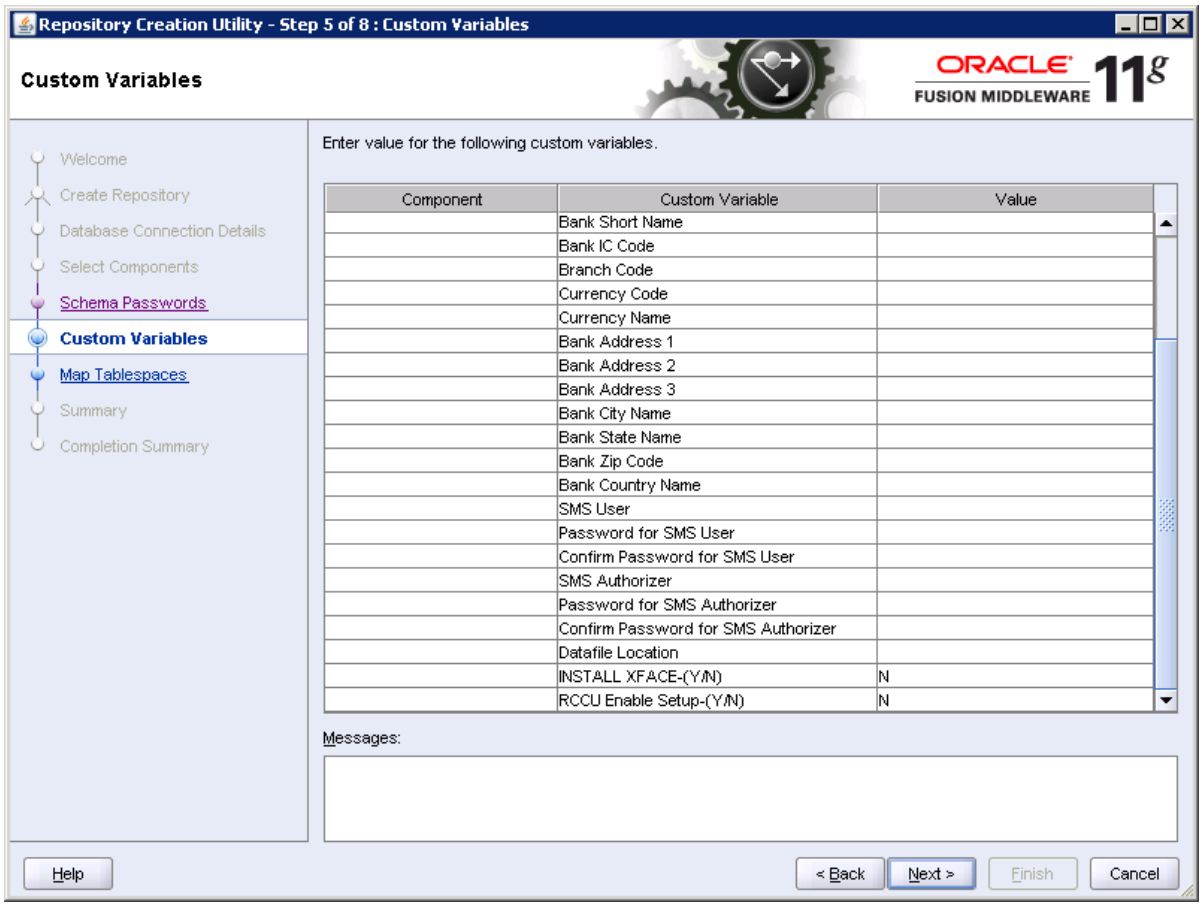
If user is using an existing Schema then enter the valid password of that Schema. Please contact your system administrator for Password details

Click on ‘**Next’ button**

4.8 Custom Variables



Please contact your system administrator/ supervisor for required details



Please enter the appropriate details against each field. For example given below

Branch User Name: Please put the Branch Schema Name here**.**

e.g. FCRBRANCH

Branch Password: Please put the Branch Schema Password here.

Confirm Branch Password: Please put the Branch Schema Password here.

Entity Code: Please put the Entity Code. (Numeric, 3)

e.g. 1

Bank Code: Please put the Bank Code. (Numeric, 5)

e.g. 1

Bank Name: Please put the Bank Name. (Alphabate, 120)

e.g. DEMO BANK OF CHINA

Bank Short Name: Please put the Bank Short. (Alphabet, 60)

e.g. DEMO BANK

Bank ID Code: Please put the Bank IC Code. (Numeric, 5)

e.g. 1

Currency Code: Please put the Currency Code.(Numeric, 5)

Currency Name: Please put the Currency Code.(Alphanumeric, 120)

Bank Address1: Please put the Bank Address 1. (Alphanumeric, 105)

Bank Address2: Please put the Bank Address 2. (Alphanumeric, 105)

Bank Address3: Please put the Bank Address 3. (Alphanumeric, 105)

Bank City Name: Please put the Bank City Name. (Alphanumeric, 105)

Bank State Name: Please put the Bank State Name. (Alphabet, 105)

Bank Zip Code: Please put the Bank Zip Code. Alphanumeric105)

Bank Country Name: Please put the Bank Country Name. (Alphabate, 105)

SMS User: Please put the System userID here. (Alphabate, 36) provide constraint for min/max value.

e.g. SYSUSER01

Password for SMS User: Please put the password for teller userID here provide constraint for min/max value, special character as per SMS Password policy.

e.g. QUALITY123

Confirm Password for SMS User: Please put the confirm password for teller userID here.

e.g. QUALITY123

SMS Authorizer: Please put the authorizer userID here.

e.g. SYSUSER02

Password for SMS Authorizer: Please put the password for authorizer userID here.

e.g. QUALITY123

Confirm Password for SMS Authorizer: Please put the confirm password for authorizer userID here.

e.g. QUALITY123

The SMS User and Authorizer will be used to create other user id's

While logging for the 1st time into FCCORE, system will prompt user to change the password.

Datafile Location: Please specify the datafile location present in the db machine where oracle home is present. (Please contact your system administrator/ supervisor for Data file location path)

Eg. /scratch/home/ora11/app/ora11/product/

Note : In case the database is installed on Windows , use '\\' instead of a '\' to denote the data file location.
Eg. C:\\app\\dbhome\\product\\

INSTALL XFACE(Y\N) : Enter Y to XFACE related db objects into the schema and N to proceed with the regular core installation.

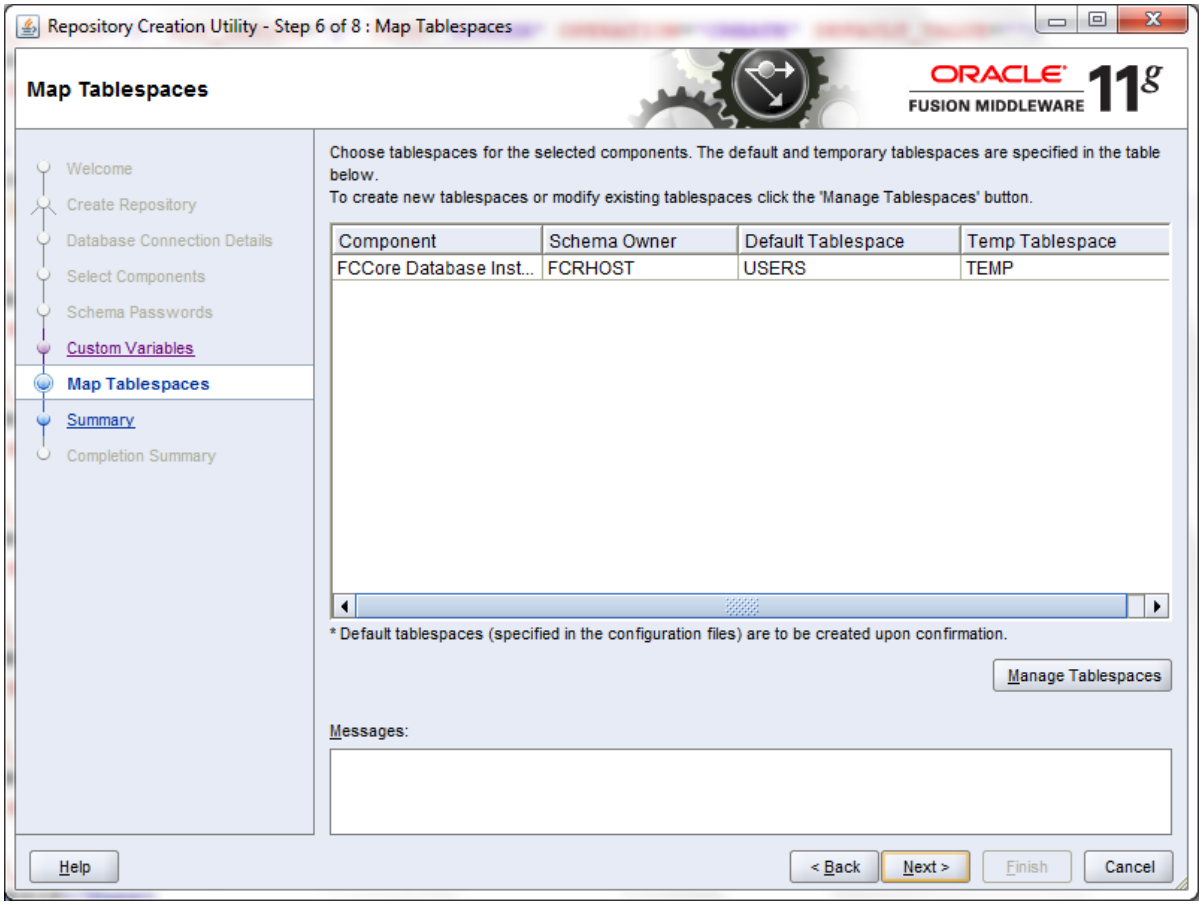
RCCU Enable Setup(Y\N) : Enter Y to enable the RCCU setup in the schema and N to proceed with the regular installation

Note : If we are using Bootstrap, please make sure you set the below values correctly in the RCU

- **Branch Code – 9999**
- **Currency Code – 156**
- **Bank Code – 1**
- **Bank IC Code -- 1**

Click on next button to proceed.

4.9 Map Table Spaces

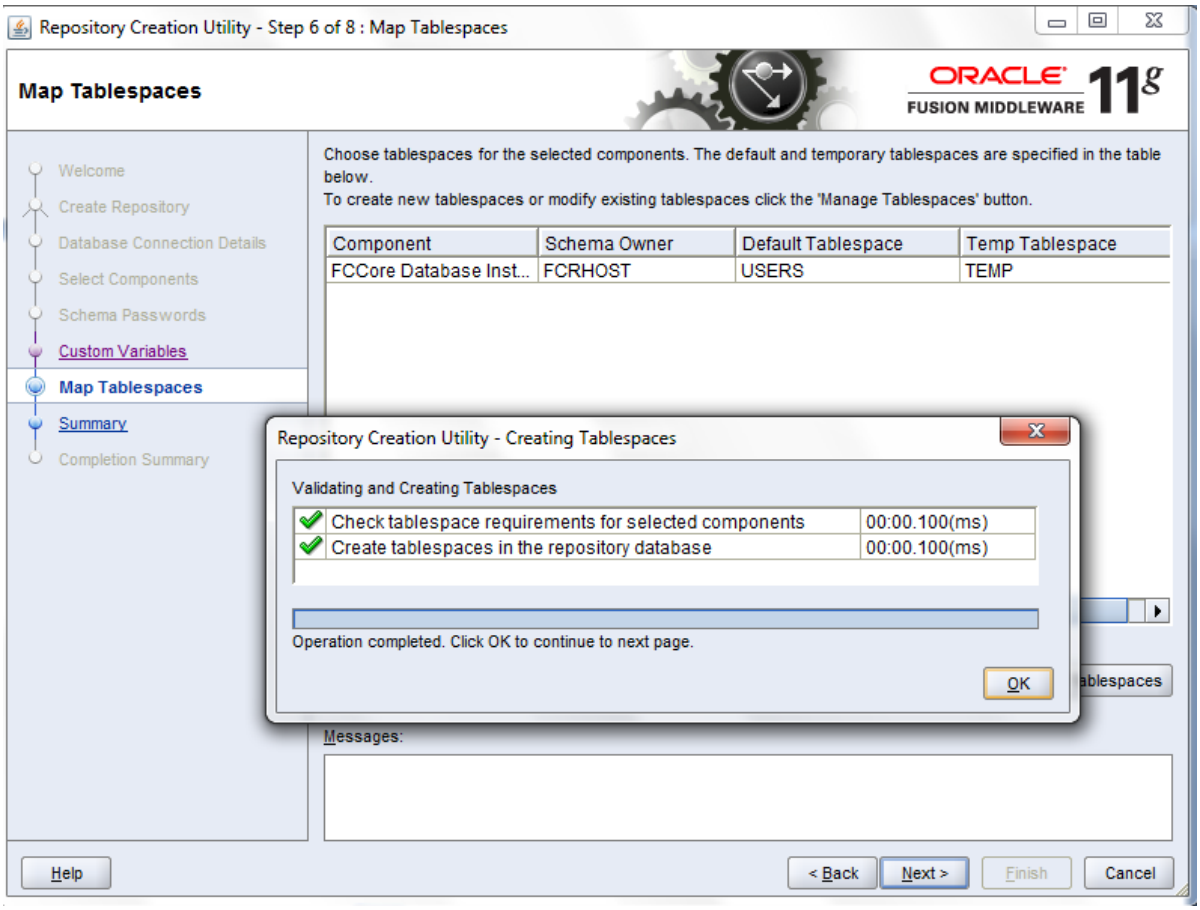


*Manage Tablespaces allows the user to change the name, size of the data files.

Click on “Manage Tablespaces” to modify the name and size of the data files corresponding to the table spaces.

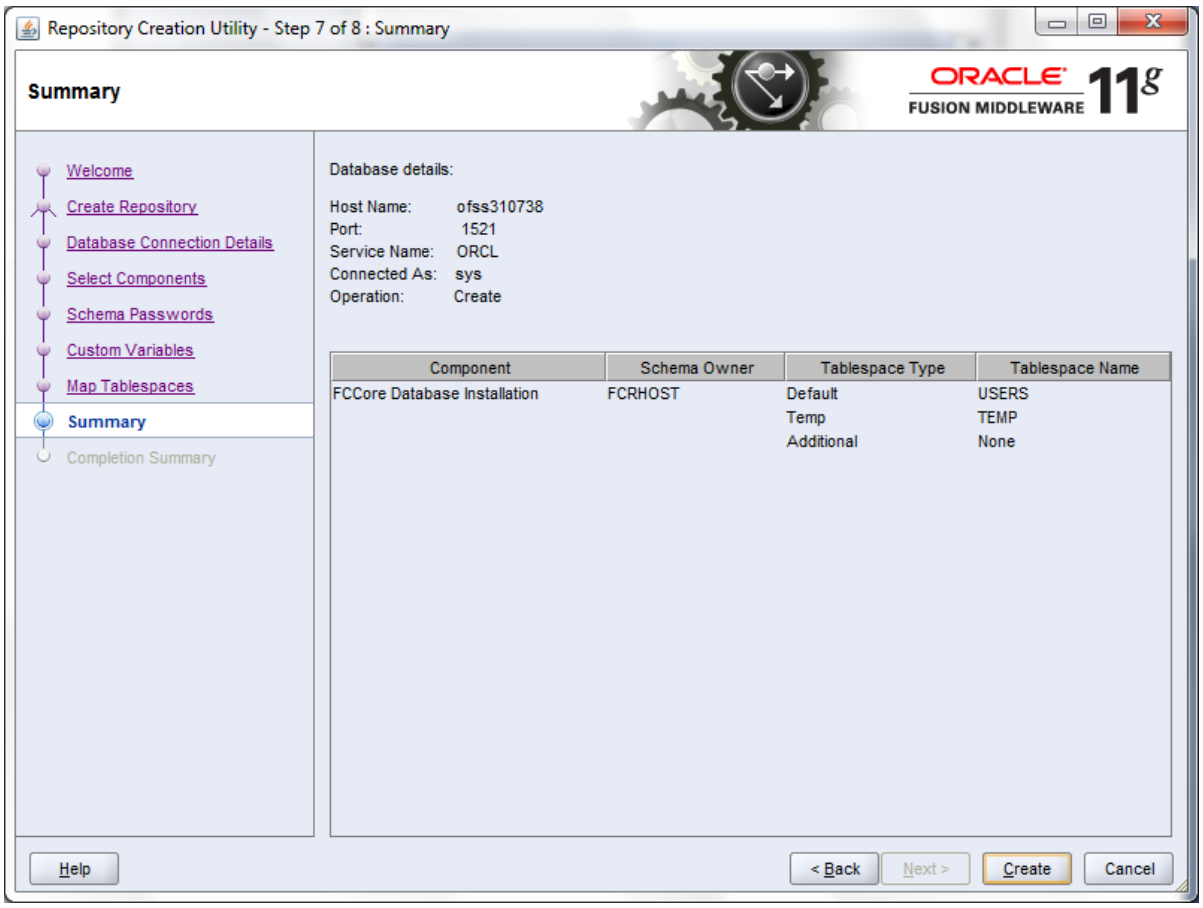
Click on Next button

This will create tablespaces.



Click on Ok button to continue to next page.

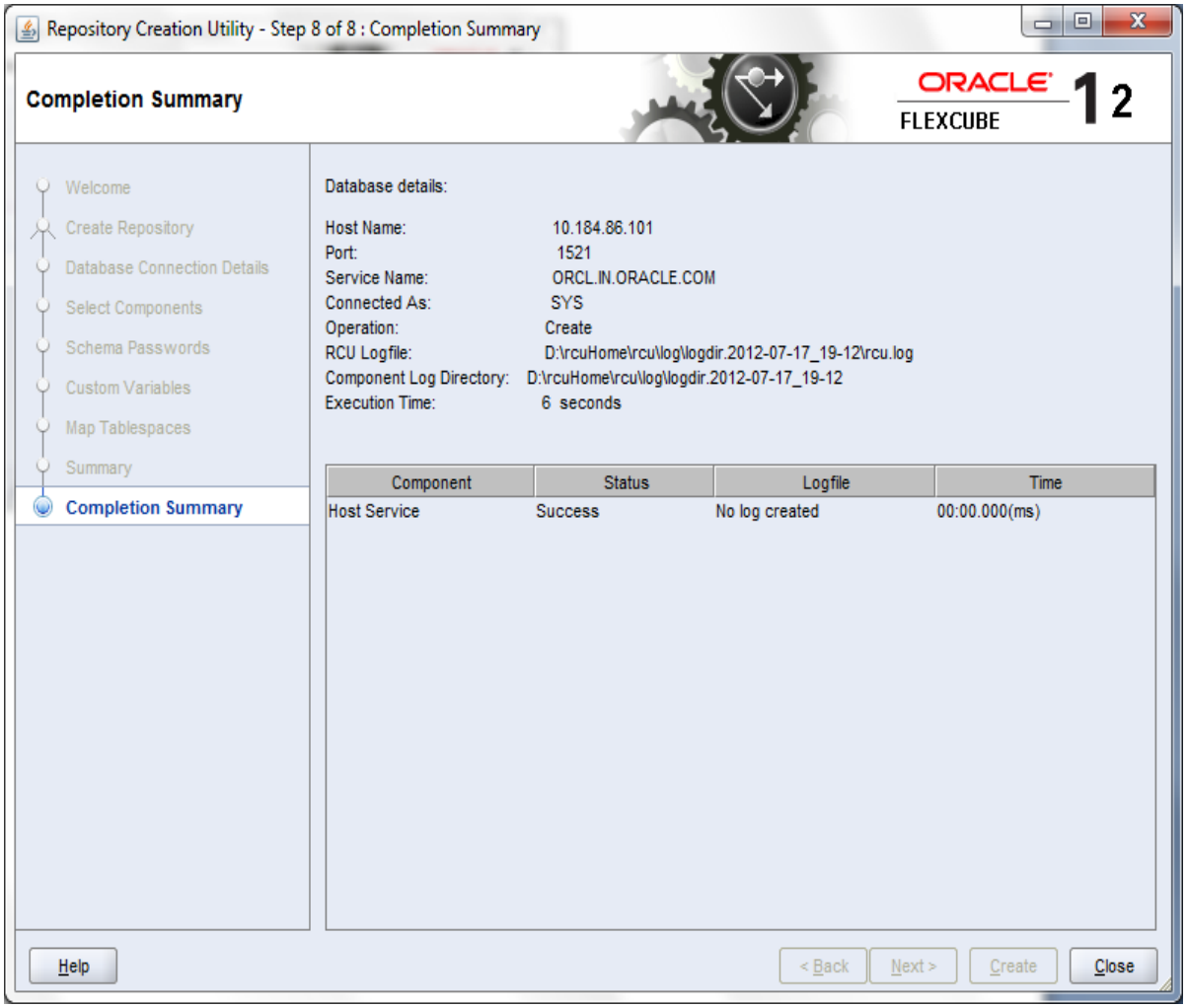
4.10 Summary Screen



*Click on “Create” to start the FLEXCUBE-CORE Database Schema installation.

Note: You may get some pop-ups , regarding ROLE_FINWARE or some other object-specific popups. Please ignore them and move on with the RCU run , as if these are not ignored , then RCU is stuck at the point of pop-up.

4.11 Completion Summary Screen



*Click on “Close” to exit RCU successfully.

Note: Once RCU run is complete, based on the data requirement on installation, you need to run bootstrap on the newly created database.

On running this utility, pre-determined data will get loaded into the product specifc tables.Please make sure to choose Product Only option while running it.

The bootstrap folder is present at the following path within Relarea_Encrypted(inside Installation zip) :
Relarea_Encrypted\flexcube\install\Utils\CommonSetup

The Doc to run bootstrap is present at the below path :

Relarea_Encrypted\flexcube\install\Utils\CommonSetup\others\documents\
FLEXCUBE Common Setup & Extract User Guide.doc