Setting up Installer

Oracle FLEXCUBE Investor Servicing

Release 12.1.0.0.0

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FINANCIAL SERVICES

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1.   Setting up Oracle FLEXCUBE Installer

1.1   <u>Introduction</u>

Before installing Oracle FLEXCUBE, you need to set up Oracle FLEXCUBE Installer on the server. This document explains the methods of setting up the installer.

The Oracle FLEXCUBE Installer picks up the source files from the Source Directory and builds the enterprise archive file. The enterprise archive file is then deployed on the Application Server using the Application Server admin console.

1.2   <u>Scope of Installer</u>

Building Application	Application building describes the process of creating property file with the required plug-ins and corresponding plug-in related properties, It also explains the process of building an application.		**Mandatory installer components**
			JDK Path
Deploying Application	Application deployment will create the resources in the selected application server and deploy the selected application in the application server		JDK PATH Application sever home
	WEBLOGIC	Deploying application in weblogic will create the resources required for deployment of an application in the weblogic server and deploy the selected application in the weblogic.	
	WEBSPHERE	Deploying application in websphere will deploy the selected application in websphere.	
Database	This section describes the basic instructions for setting up the database, it explains the steps for Preparing schema from Baseline, compiling objects, loading static data setup and it also explains the step by step instructions for running Basic setup. It also explains the steps for Preparing schema from Baseline and loading data from dump and also explains the instructions for compiling objects and loading static data and imp dump		JDK path Oracle Home

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1.3 <u>Running Oracle FLEXCUBE Installer on Windows</u>

Source folder in the local system appears as below:
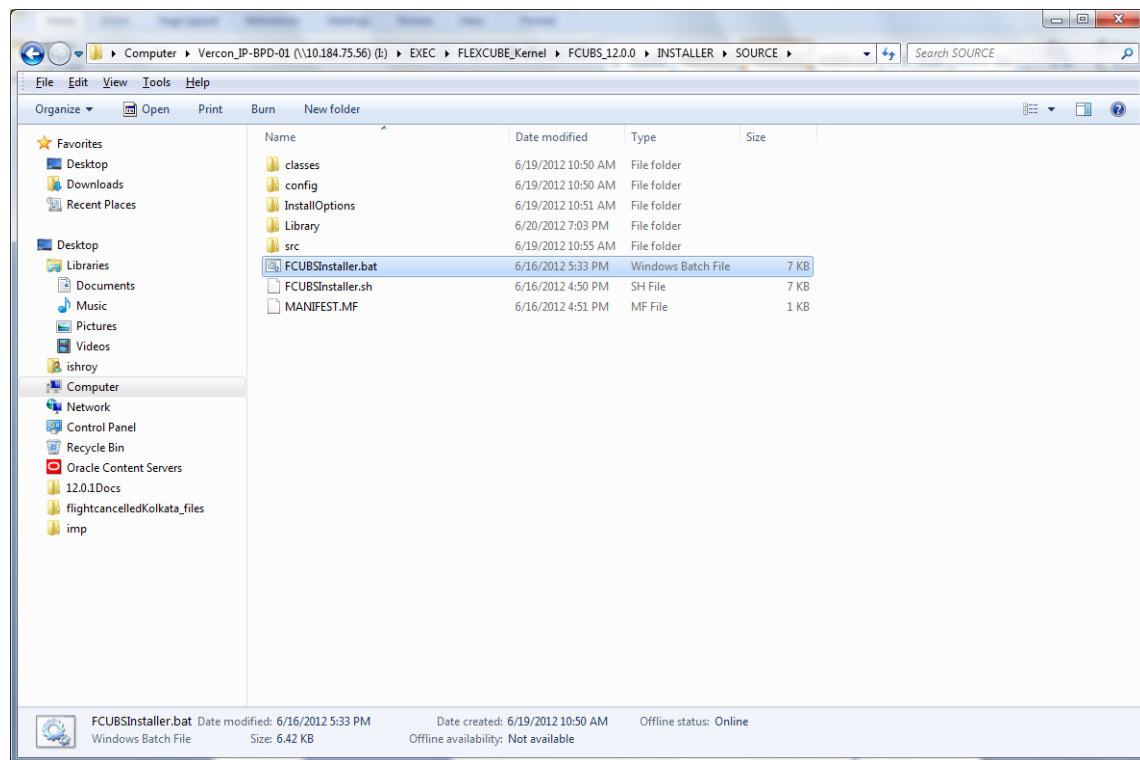
Follow the steps given below to run the installer in Windows:

1. Invoke the installer by double-clicking 'FCUBSInstaller.bat' from the installer source folder.

2. You get a prompt to enter the Java Home Path. Enter the Java Home Path and press 'Enter' key. This is a mandatory field and the value entered is validated.

3. You get a prompt to input Application Server Home Path. Enter the Application Server Home Path and press 'Enter' key. This is an optional field and the value entered is not validated.
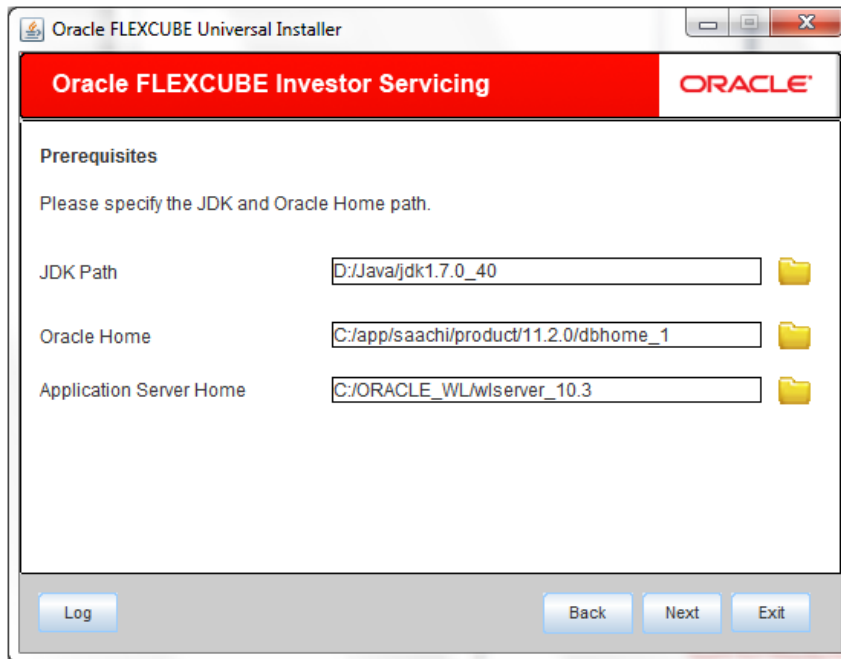
4. You get a prompt to input ORACLE Home Path. Enter the ORACLE Home Path and press 'Enter' key. This is an optional field and the value entered is not validated.

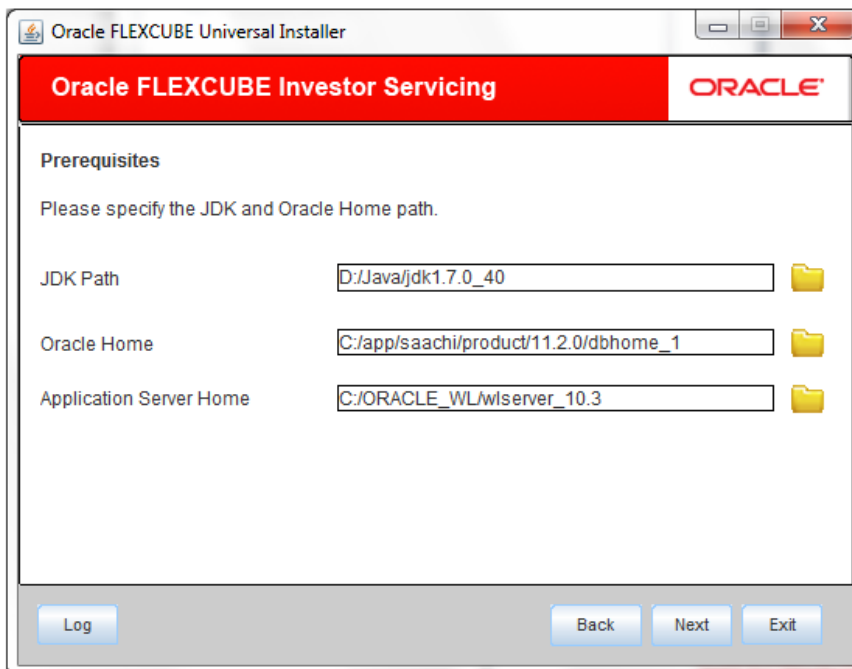5. The INSTALLER Welcome screen is displayed.

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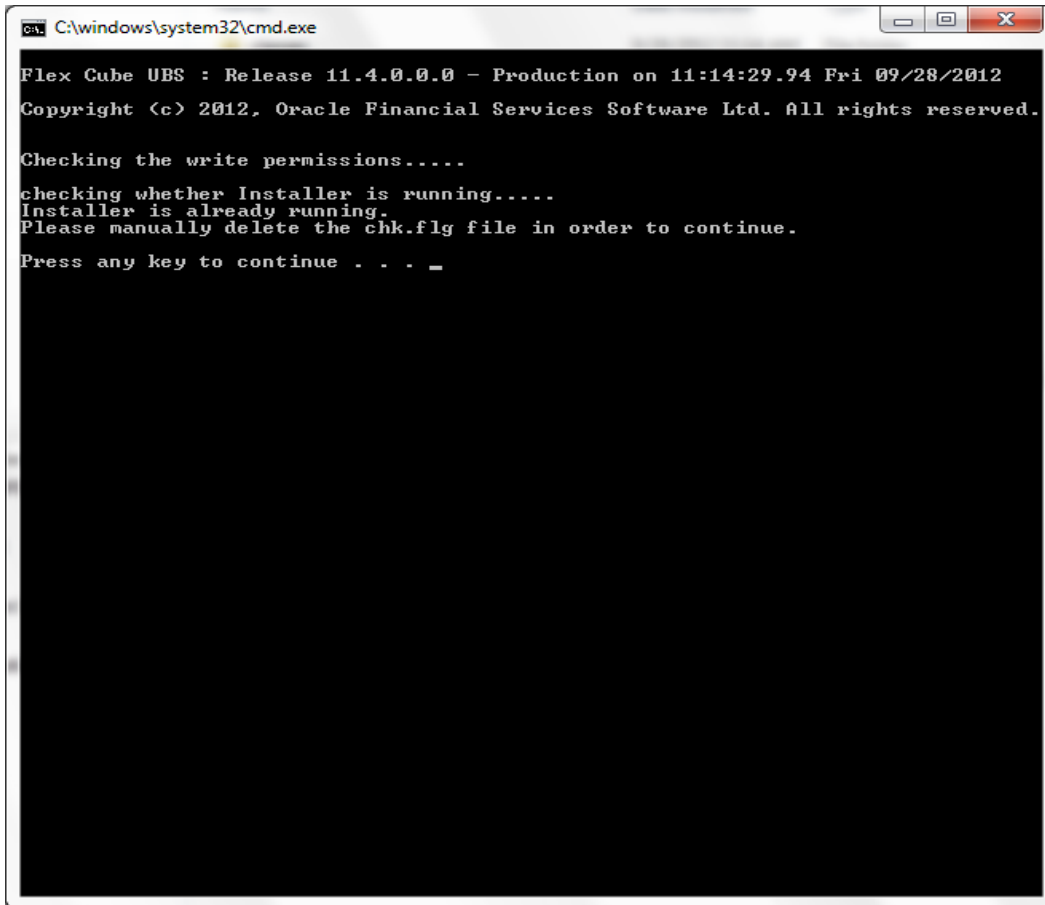6. Proceed with installation process.

    On the first time launch of the installer on a system, all the fields in the installer will be displayed according to the values entered by the user at the command line level and the same data is saved in env.properties.

   On subsequent launches of installer on the same machine, the installer will read the paths from env.properties and display in the respective fields.

🛑 If you re-launch the installer which was closed abruptly, the following screen is displayed.


In this case, you have to delete the file 'chk.flg', created in the installer sources and again re-launch the Installer.

1.4   Running Oracle FLEXCUBE Installer on UNIX/LINUX

This section describes the method to run Oracle FLEXCUBE Installer on UNIX/LINUX system.

1.4.1   Login to PUTTY

In order to run installer on UNIX machines, you need to login to the UNIX machine using PuTTy. Go to 'PuTTy Configuration' screen.

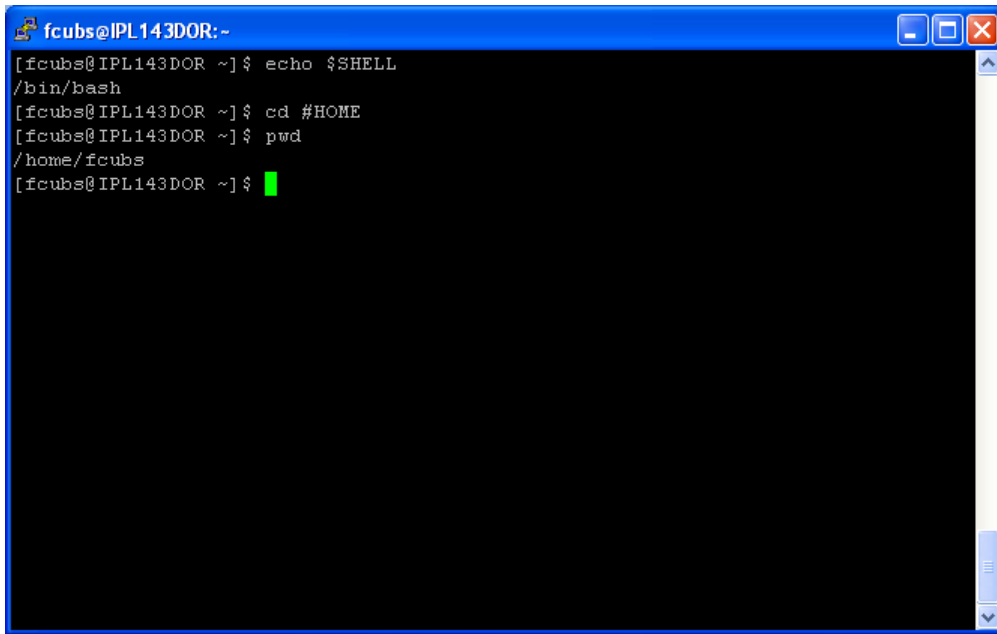ORACLE®
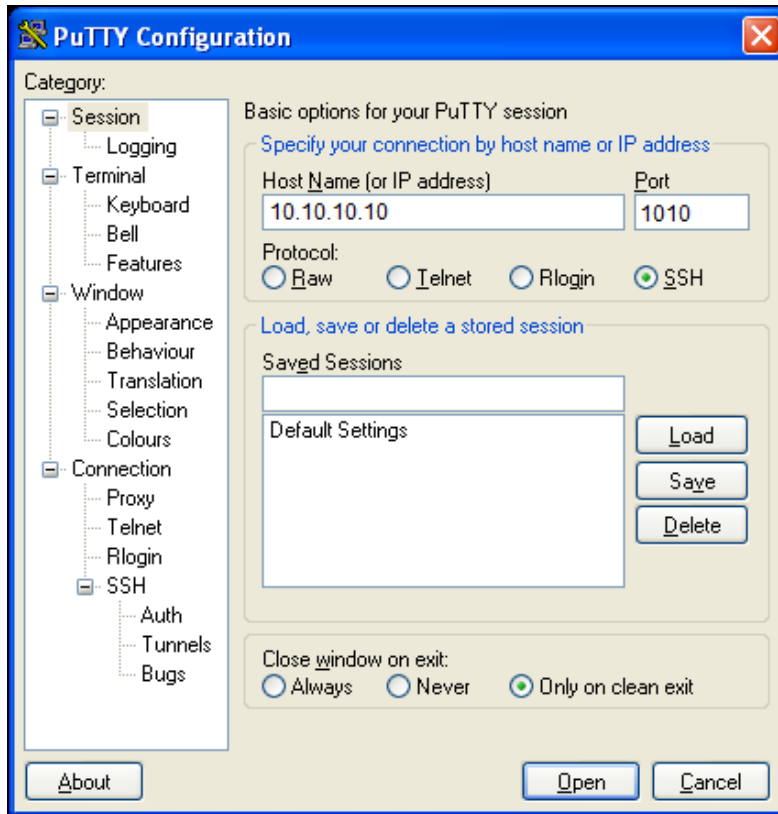
1. Specify the following details:

Host Name

Specify the host address of UNIX machine which you need to connect.

Protocol

Select SSH as the protocol.

2. Once you have provided these details, click 'Open'. You will be prompted for the login ID and password of the UNIX machine.

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3. Specify the login details:

You can check the current shell for the user in putty console using the following command.

echo $SHELL

In case the current shell is not bash, you need to set the shell to bash.

You can check the user home directory using the following command.

cd $HOME

$pwd

1.4.2 Running Oracle FLEXCUBE Installer through XManager

In order to run Oracle FLEXCUBE Installer on UNIX machine, you need to have the software called XManager. This section contains the settings required for running Oracle FLEXCUBE Installer through XManager on UNIX mahines.

Install XManager. You can find an icon 'Xstart' inside XManager folder. Double-click 'Xstart' icon in order to connect to the server. The following screen is displayed.

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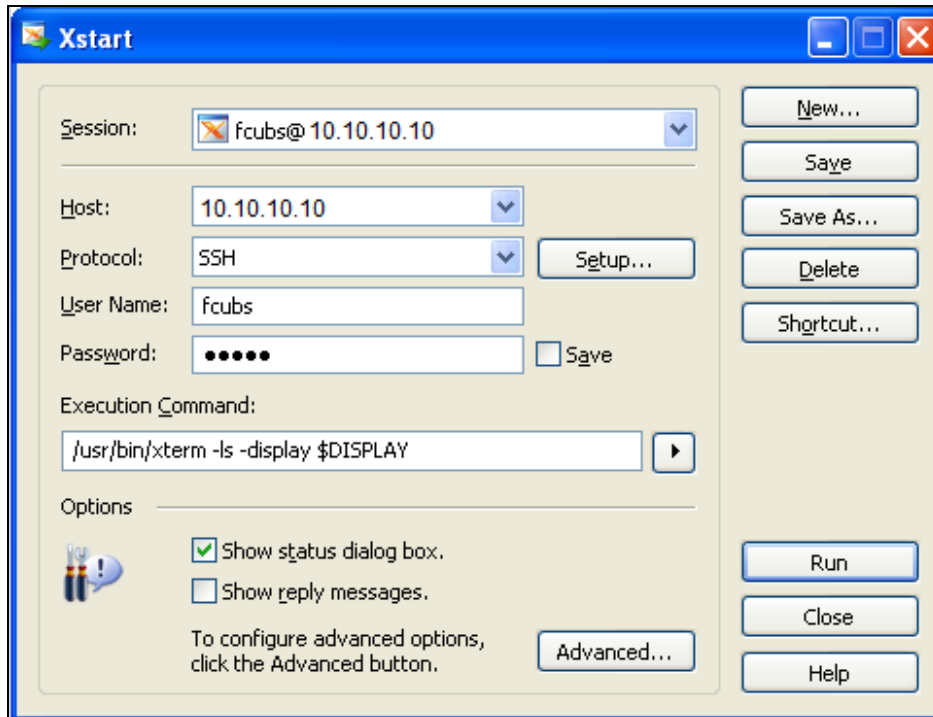
1. Specify the following details:

Session

Specify the session name.

Host

Specify the UNIX machine IP address.

Protocol

Specify the protocol based on the the operating system.

A few examples for the protocols for various operating systems are given below:

Operating System	Protocol
Oracle Enteprise Linux	SSH
IBM AIX	TELNET
Solaris	SSH
UNIX	SSH

User Name

Specify the UNIX user name.
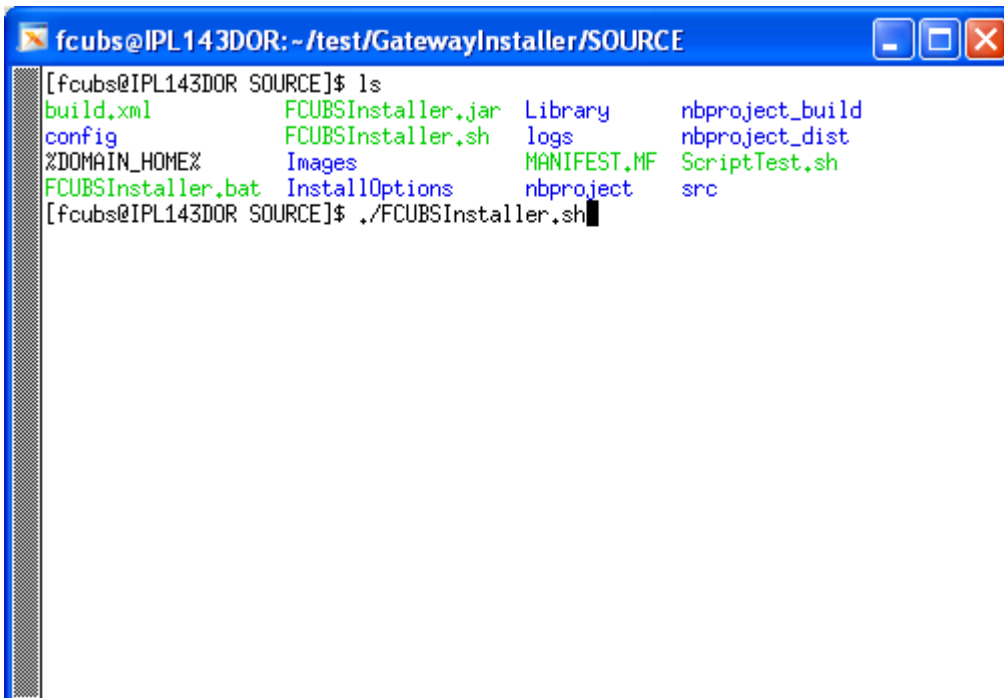
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Password

Specify the password for the UNIX user name.

Excution Command

Specify the execution command based on the operating system.

Operating System	Execution Command
Oracle Enteprise Linux	/usr/bin/xterm -ls -display $DISPLAY
IBM AIX	/usr/dt/bin/dtterm -ls -display $DISPLAY
Solaris	/usr/openwin/bin/xterm -ls -display $DISPLAY
UNIX	/usr/bin/X11/xterm -ls -display $DISPLAY

2. Once you have specified the details, click 'Run'. The Xstart Console window is displayed.

3. Use the following command to list the files present in the directory:

ls

In order to run the installer, you need to invoke the 'FCUBSInstaller.sh' file using the following command.

./FCUBSInstaller.sh OR **sh FCUBSInstaller.sh**
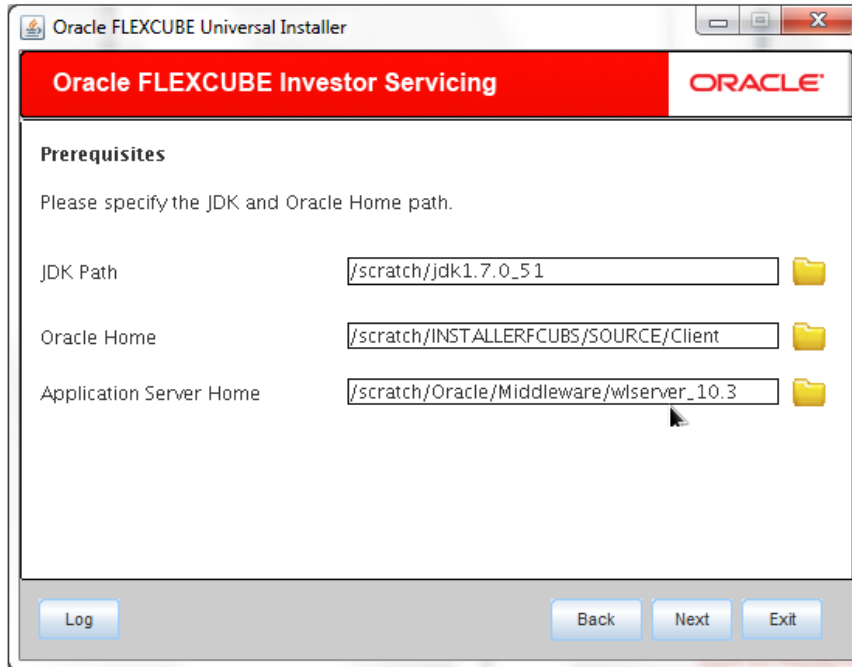
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The command starts the installer. The User will be prompted to enter the JAVA Home (mandatory), Application Server Home(Optional) AND ORACLE Home (Optional) after which the following screen is displayed.
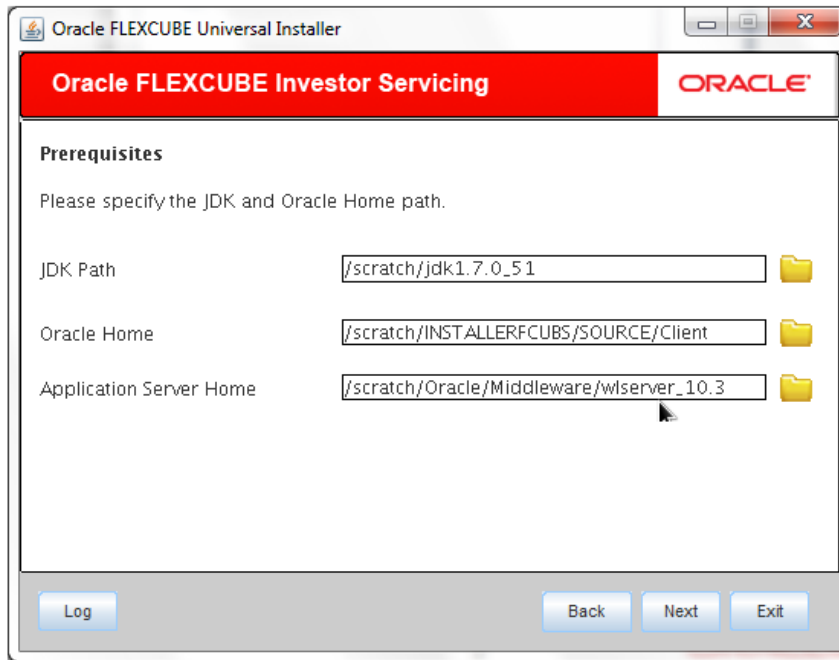
4. Proceed with installation process.

🛑 On the first time launch of the installer on a system, all the fields in the installer will be displayed according to the values entered by the user at the command line level and the same data is saved in env.properties.

On subsequent launches of installer on the same machine, the installer will read the paths from env.properties and display in the respective fields.

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5. Proceed with installation process.

The 'Installer folder and the Destination folder must be present in the UNIX/LINUX server with full access permissions.

2. Running Oracle FLEXCUBE Installer in Silent Mode

This section describes the method to run Oracle FLEXCUBE Installer in silent mode.

Following features are supported in silent mode:

1. EAR Build (FCIS, Gateway)

2. Deployment (FCIS, Gateway)

3. Data Base Installation

4. User Creation and Report DSN

5. Cross Schema Scripts

6. Internal Handoff Grants

In order to run Oracle FLEXCUBE Installer in silent mode, you need to modify/edit the following properties files with proper values:

Path: <INSTALLER>/config

- 'silentConfigBuild.properties' to build Application in silent mode
- 'silentConfigDatabase.properties' to setup Database in silent mode
- 'silentUserCreation_ReportsDSNproperties' to set up user creation and report DSN.
- 'silentAppDeployment.properties' to deploy application on Weblogic Server.
- 'silentWASDeployment.properties' to deploy application on Websphere Server.
- silentFCIS_CrossScript.properties for executing Cross Schema Scripts. This is mandatory post DB set up.
- silentFCIS_InternalHandsoffGrants.properties for executing Internal Handoff Grants.

<INSTALLER> - Refers to the complete folder path of the INSTALLER folder in the EXEC area(FCHOME).

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Follow the steps below given to run the installer in silent mode.
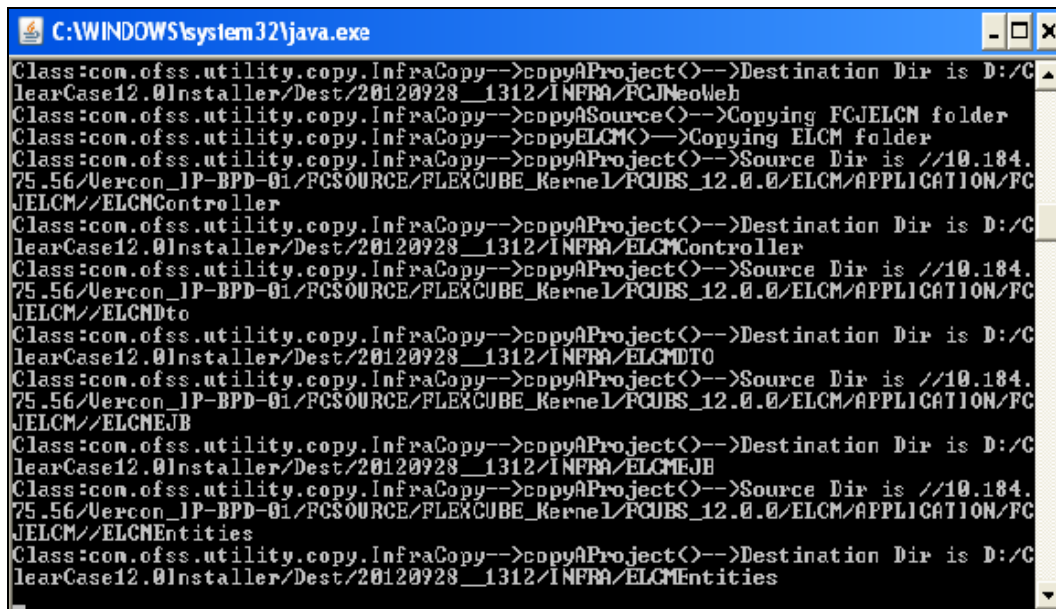
2.1.1 <u>Running Installer in Silent Mode in Windows</u>

In order to run the installer in silent mode in Windows, follow the steps given below.

1. In command prompt, navigate to the folder where the 'FCUBSInstaller.bat' is located.

2. Type the below command for

- EAR Build (FCIS,Gateway)
  FCUBSInstaller.bat /s AB <INSTALLER>/config/silentConfigBuild.properties

- Deployment on Weblogic Server
  FCUBSInstaller.bat /s AD <INSTALLER>/config/silentAppDeployment.properties

- Deployment on Websphere Server
  FCUBSInstaller.bat /s AD <INSTALLER>/config/silentWASDeployment.properties

- Data Base Installation
  FCUBSInstaller.bat /s DB <INSTALLER>/config/silentConfigDatabase.properties

- User Creation
  FCUBSInstaller.bat /s UC <INSTALLER>/config/
  silentUserCreation_ReportsDSN.properties

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- Report DSN
  FCUBSInstaller.bat /s RP <INSTALLER>/config/
  silentUserCreation_ReportsDSN.properties
  (the command should be given in a single line)

- Cross Schema Grant

  FCUBSInstaller.bat /s CS <INSTALLER>/config/silentFCIS_CrossScript.properties

- Internal HandsOff Grants

  FCUBSInstaller.bat /s IH <INSTALLER>/config/
  silentFCIS_InternalHandsoffGrants.properties

3. The following pop-up window shows the logs.

4. Once the installer finishes the task, this log window gets closed automatically.

2.1.2 Running Installer in Silent Mode in Linux

You can run Oracle FLEXCUBE IS Installer in silent mode using the following command:

🛑 The command should be given in a single line.

- EAR Build (FCIS,Gateway)
  sh FCUBSInstaller.sh /s AB <INSTALLER>/config/ silentConfigBuild.properties

- Data Base Installation
  sh FCUBSInstaller.sh /s DB <INSTALLER>/config/ silentConfigDatabase.properties

- Deployment on Weblogic Server
  sh FCUBSInstaller.sh /s AD <INSTALLER>/config/silentAppDeployment.properties

- Deployment on Websphere Server
  sh FCUBSInstaller.sh /s AD <INSTALLER>/config/silentWASDeployment.properties

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- User Creation
  sh FCUBSInstaller.sh /s UC
  <INSTALLER>/config/silentUserCreation_ReportsDSN.properties

- Report DSN
  sh FCUBSInstaller.sh /s RP <INSTALLER>/config/
  silentUserCreation_ReportsDSN.properties

- Cross Schema Grant

- sh FCUBSInstaller.sh /s CS <INSTALLER>/config/silentFCIS_CrossScript.properties

- Internal HandsOff Grants

- sh FCUBSInstaller.sh /s IH <INSTALLER>/config/
  silentFCIS_InternalHandsoffGrants.properties

Use the exact folder location instead of '<INSTALLER>' in the command.

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Installer Support Modes
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