Oracle® FLEXCUBE Investor Servicing

ODT EAR Building

Release 14.8.0.0.0
G32103-02
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Oracle FLEXCUBE Investor Servicing ODT EAR Building, Release 14.8.0.0.0

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Contents

Preface

Purpose i
Audience i
Documentation Accessibility i
Critical Patches ii
Diversity and Inclusion ii
Conventions ii
Screenshot Disclaimer ii
Acronyms and Abbreviations ii

1 Build EAR Files

1.1 Set up Open Development Tool 1

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Preface

Oracle FLEXCUBE Investor Servicing is a comprehensive mutual funds automation software from Oracle® Financial Servicing Software Ltd.©.

You can use the system to achieve optimum automation of all your mutual fund investor servicing processes, as it provides guidelines for specific tasks, descriptions of various features and processes, and general information.

This topic contains the following sub-topics:

- Purpose
- Audience
- Documentation Accessibility
- Critical Patches
- Diversity and Inclusion
- Conventions
- Screenshot Disclaimer
- Acronyms and Abbreviations

Purpose

This manual is designed to help acquaint you with the installation of **Oracle FLEXCUBE Investor Servicing** application.

Audience

This manual is intended for the following User/User Roles:

Table 1 Users and Roles

Users	Roles
Implementation team	Implementation of Oracle FLEXCUBE Investor Servicing
Presales team	Install Oracle FLEXCUBE Investor Servicing for demo purpose
Bank personnel	Who installs Oracle FLEXCUBE Investor Servicing

Documentation Accessibility

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Access to Oracle Support

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Critical Patches

Oracle advises customers to get all their security vulnerability information from the Oracle Critical Patch Update Advisory, which is available at Critical Patches, Security Alerts and Bulletins. All critical patches should be applied in a timely manner to ensure effective security, as strongly recommended by Oracle Software Security Assurance.

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

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.

Acronyms and Abbreviations

The list of the acronyms and abbreviations used are as follows:

Table 2 Acronyms and Abbreviations

Abbreviation	Description
FCIS	Oracle FLEXCUBE Investor Servicing
OEM	Oracle Enterprise Manager

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Table 2 (Cont.) Acronyms and Abbreviations

Abbreviation	Description
EMS	Electronic Messaging Service
EJB	Enterprise Java Bean
MDB	Message Driven Beans

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1

Build EAR Files

This topic explains the creation of .war file using ODT and setting up database for ODT installation.

Create the following property file before building the application.

This topic contains the following sub-topic:

- Set up Open Development Tool
  This topic explains the steps to set up the Open Development Tool Application.

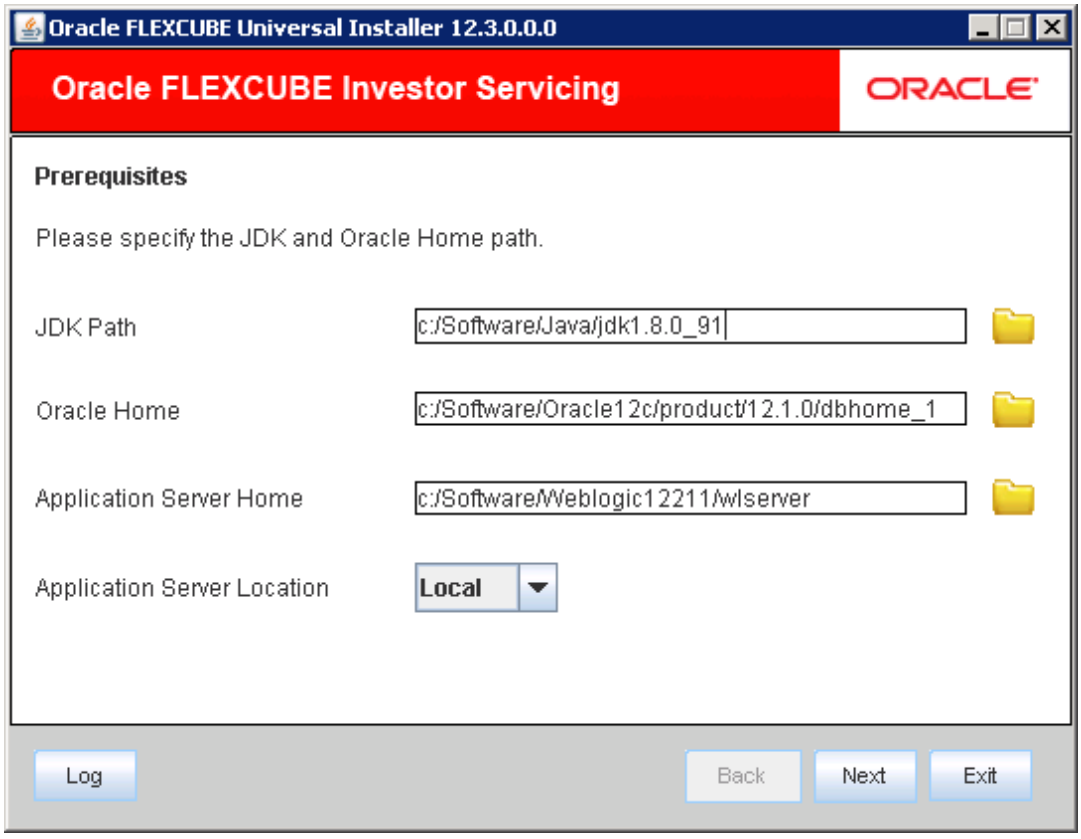
1.1 Set up Open Development Tool

This topic explains the steps to set up the Open Development Tool Application.

1. Start **Oracle FLEXCUBE Universal Installer**.

   The **Oracle FLEXCUBE Universal Installer** is displayed.

Figure 1-1 Oracle FLEXCUBE Universal Installer



2. On **Oracle FLEXCUBE Universal Installer** screen, enter the following details.

   Refer to the table for JDK and Oracle Home path.

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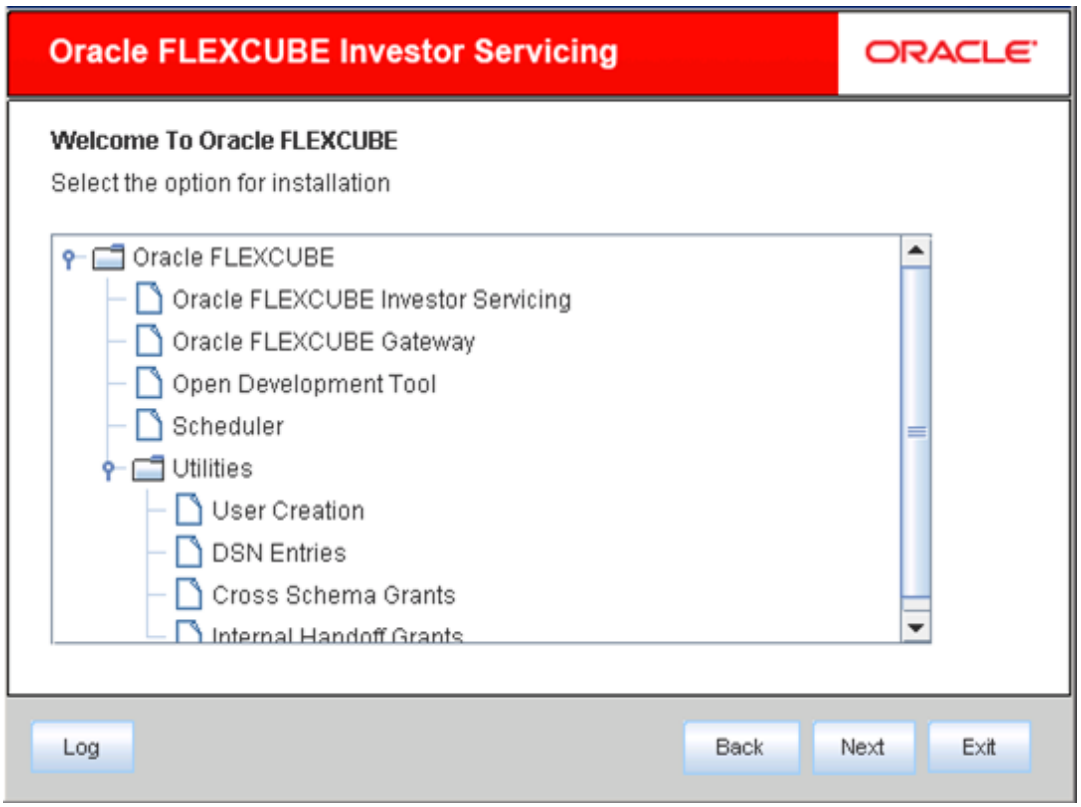
Table 1-1 JDK and Oracle Home path

Field	Description
JDK Path	Provide Home folder path of JDK1.8.
Oracle Home	Provide home folder path of Oracle Client or Database.
Application Server Home	Provide home folder path of Application Server.
Application Server Location	Select location of the application server either local or remote.

3. Click **Next** to select the option for installation.
4. Select **Open Development Tool** from the lists of **Oracle FLEXCUBE** options.

   The available options for installation are displayed.

Figure 1-2 Oracle FLEXCUBE_Open Development Tool



5. Click **Next** to choose **Oracle FLEXCUBE** component for installation.
6. Select **Build Application**.

   The available options **Property File**, **Database**, **Build Application**, and **Deploy Application** are displayed.

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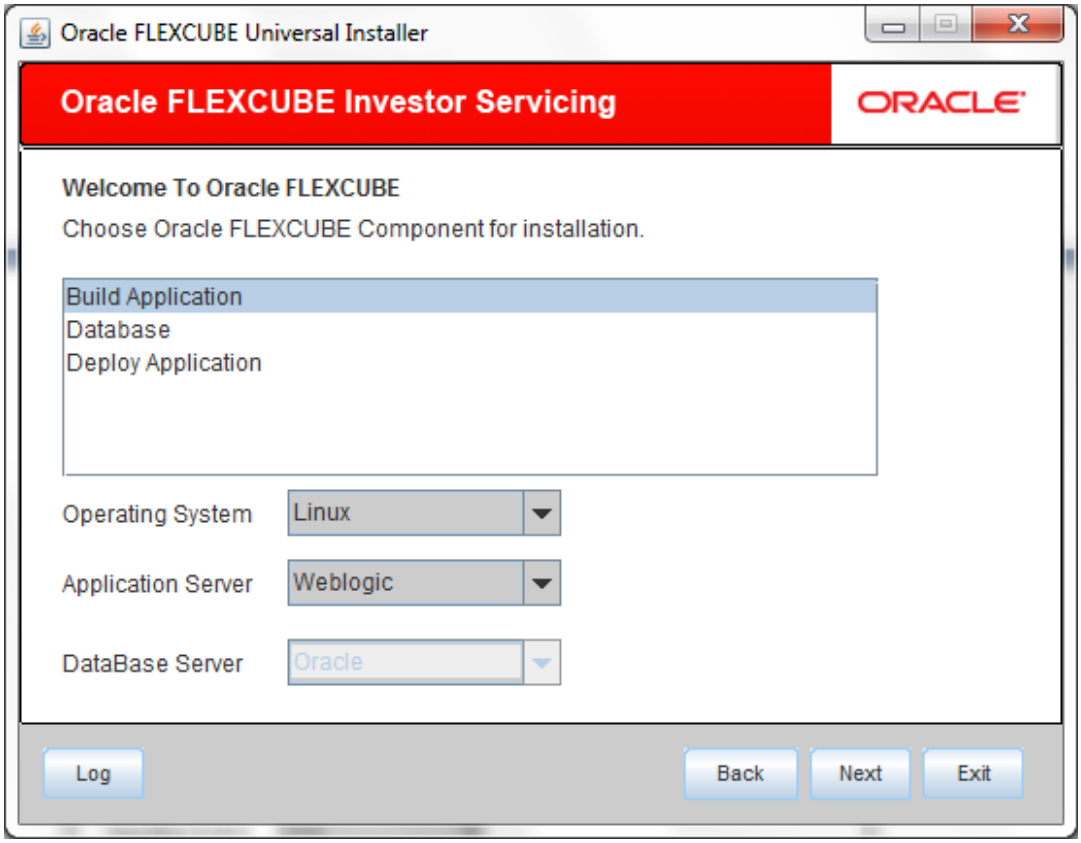
Figure 1-3 Build Application



7. Specify the operating system in which you are creating the property file. Choose the appropriate one from the drop-down list.
8. Specify the application server in which you are creating the property file. Choose the appropriate one from the drop-down list.
9. Specify the database server in which you are creating the property file. Choose the appropriate one from the drop-down list.
10. Specify the FC Home details and click **Next**.

    The following screen is displayed.

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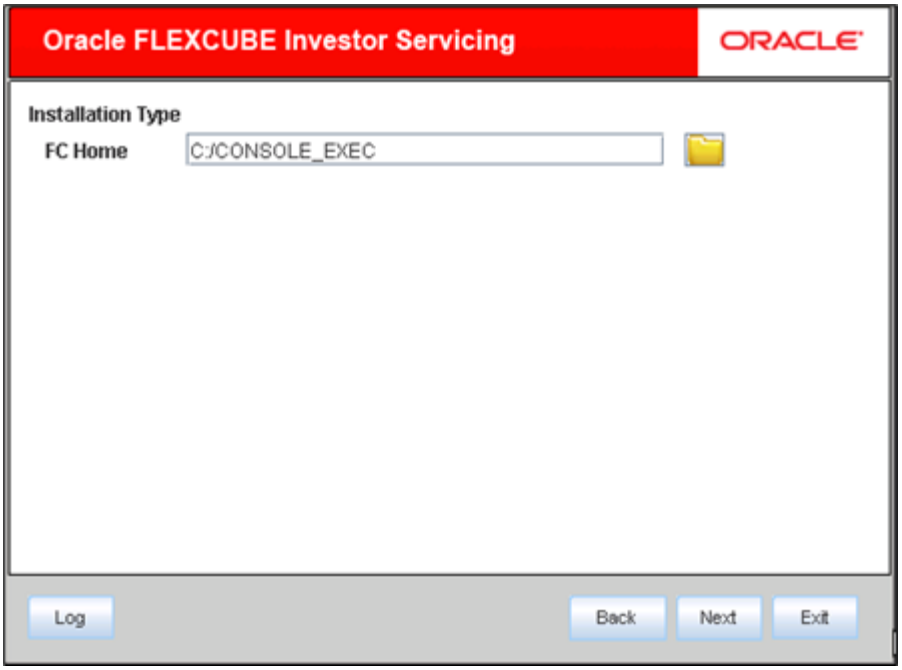
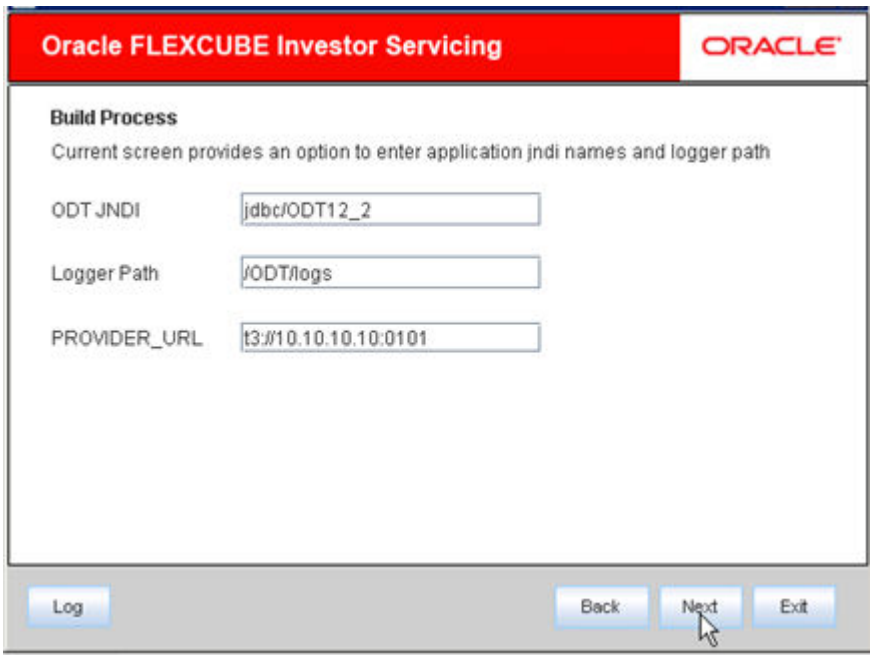
Figure 1-4 FC Home



11. Select the console type and click **Next**.

    The following screen is displayed.

Figure 1-5 Application JNDI Name



12. Specify the following details:
    a. **ODT JNDI:** Specify the JNDI for the ODT.
    b. **Logger Path:** Specify the path where the logs have to be written.

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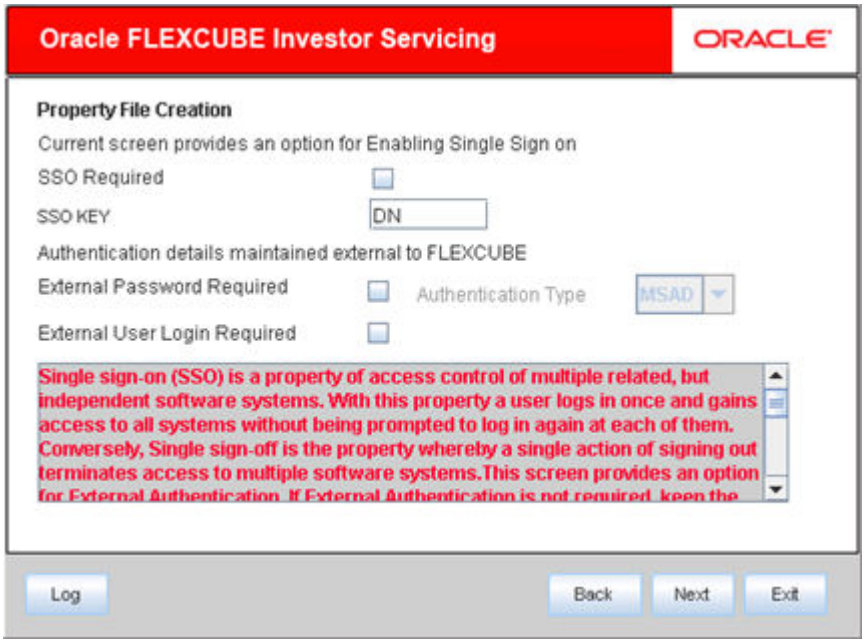
c. **Provider_URL:** Specify the provider URL.

13. In this screen, you are provided with an option to enable **Single Sign On**.

Figure 1-6 SIngle Sign On Details



14. On **Single Sign On** screen, enter the following details.

Refer to the table for Single Sign On details.

Table 1-2 Single Sign On details

Field	Description
SSO Required	Check this box to enable **Single Sign On (SSO)**. If you check this box, you need to enter the SSO Key.
SSO KEY	Specify the SSO key. If you have checked the box **SSO Required**, it is mandatory to specify the SSO key.

15. Select the **External Password Required** to allow the user login using MSAD/LDAP password irrespective of the user ID. This option is unchecked by default.

If you check this box, the user ID can be either the MSAD/LDAP user ID or the FCIS user ID. And the password can be MSAD/LDAP server password only.

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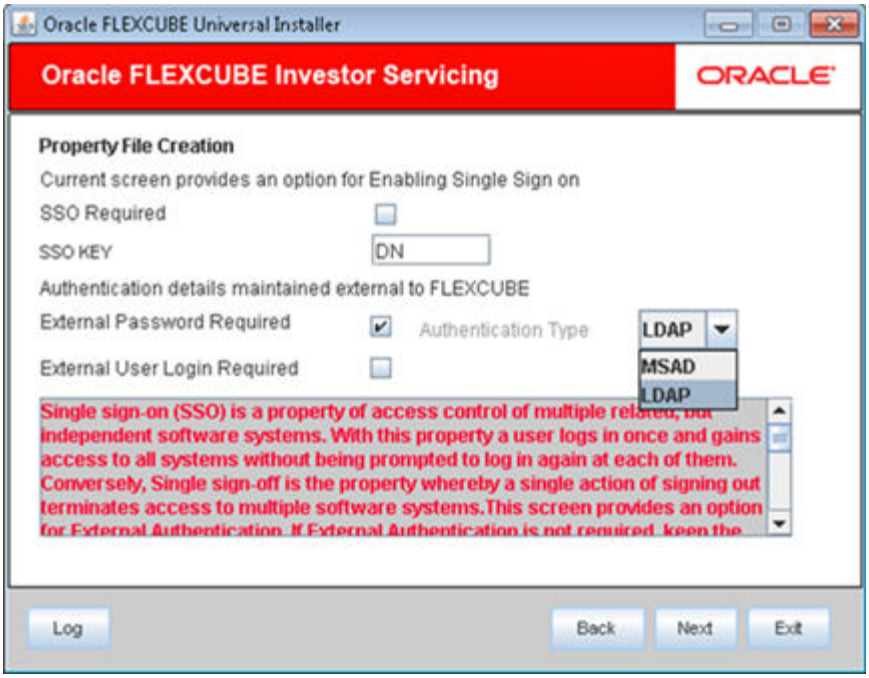
Figure 1-7 Authentication Details maintained external to FLEXCUBE



16. Select the **External User Login Required** to enable user login using MSAD/LDAP user ID.

    If you check this box, the user can log in using MSAD/LDAP server user ID as well as FCIS user ID.

17. Select the **Authentication Type** from the adjoining drop-down list. This is the type of external server that is used.

    The following options are available:

    - **Microsoft Active Directory (MSAD)** The default option is **MSAD**. However, you can change it.
    - **Lightweight Directory Access Protocol (LDAP)**

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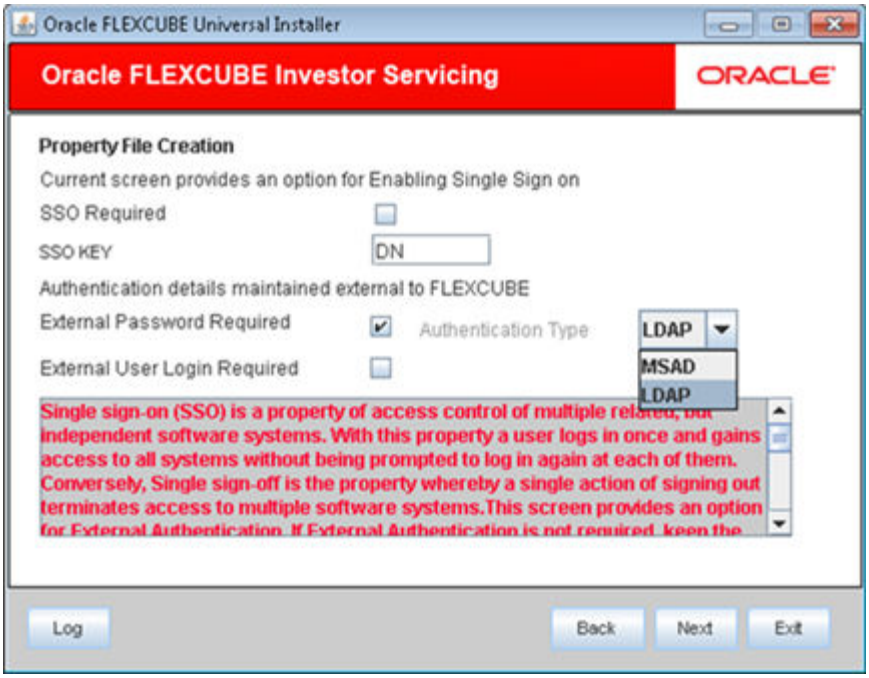
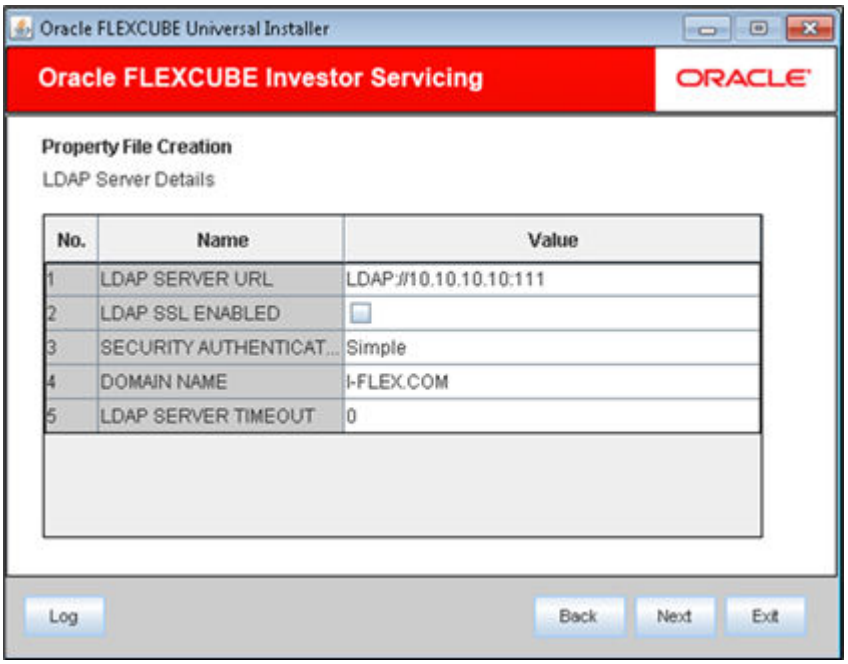
Figure 1-8 Authentication Type



18. Choose the **Authentication Type** as **LDAP** and click **Next**.

    The LDAP server details screen is displayed.

Figure 1-9 LDAP Server Details



19. On **LDAP Server Details** screen, enter the following details.

    Refer to the table for LDAP Server details.

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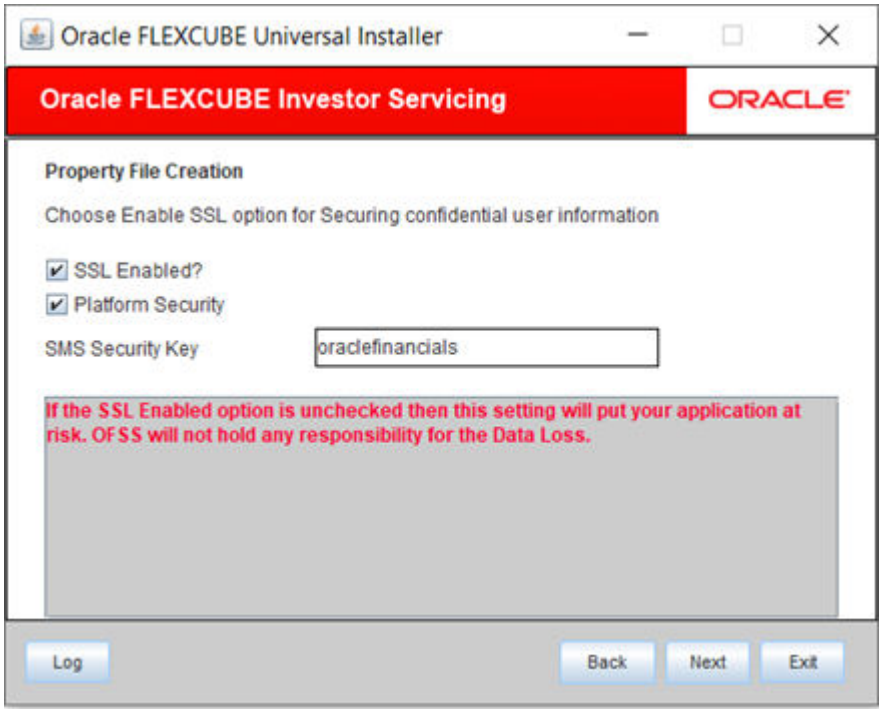
Table 1-3 LDAP Server details

Field	Description
LDAP Server URL	Specify the URL to access the LDAP server where the external user Ids or passwords are maintained.
LDAP SSL Enabled	Check this box if the LDAP server is SSL enabled. **Note**: If you check this box, then you need to specify the SSL port in the field **LDAP SERVER URL**.
Security Authentication Type	Depending on the authentication mechanism supported by the LDAP server, you need to select one of the following: • **Simple** • **Strong** **Note**: Different servers support different authentication mechanisms. By default, the security authentication type is **Simple**; however, you can change it.
Domain Name	Specify the domain name.
LDAP Server Timeout	Specify the LDAP server timeout in milliseconds. **Note**: • By default, the LDAP server timeout is zero; however, you can change this. • You must enter a positive integer value. For example, 1000, 10000, 5000, etc., • If the value specified is zero or less, it indicates that no read timeout is specified. Then, the wait for the response infinite until it is received.

20. Click **Next** after the LDAP server details are specified.

The following screen is displayed.

Figure 1-10 Enable SSL for Securing Confidential User Information



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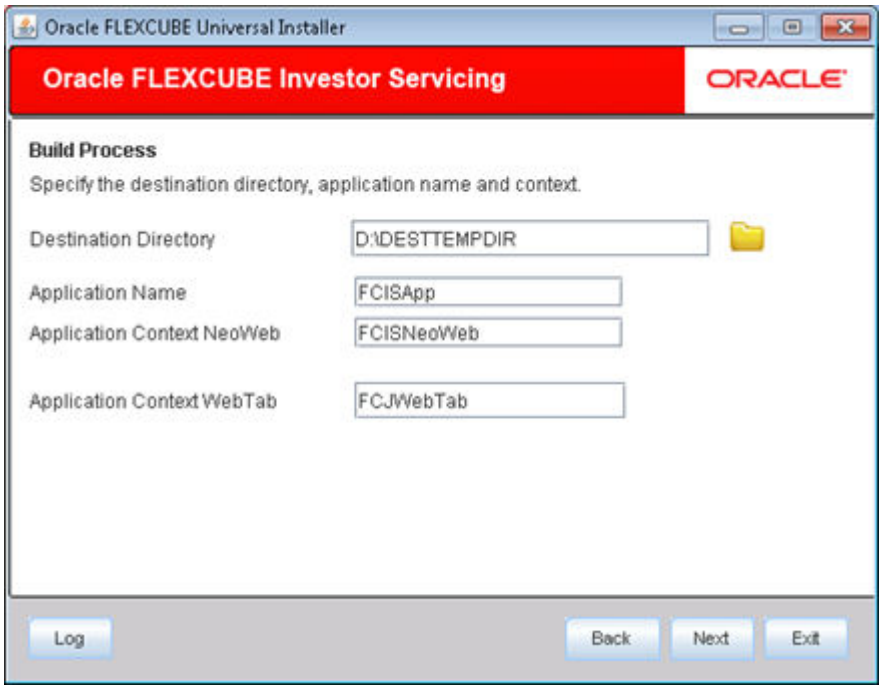
21. On the **Build Process** screen, specify the following details.

    Refer to the Build Process table.

Table 1-4 Build Process

Field	Description
Destination Directory	Specify the destination folder where EAR will be built.
Application Name	Specify the name of the application.

Figure 1-11 Application and Destination Details



22. Click **Next** to view the status of sources being copied.

    The following screen is displayed.

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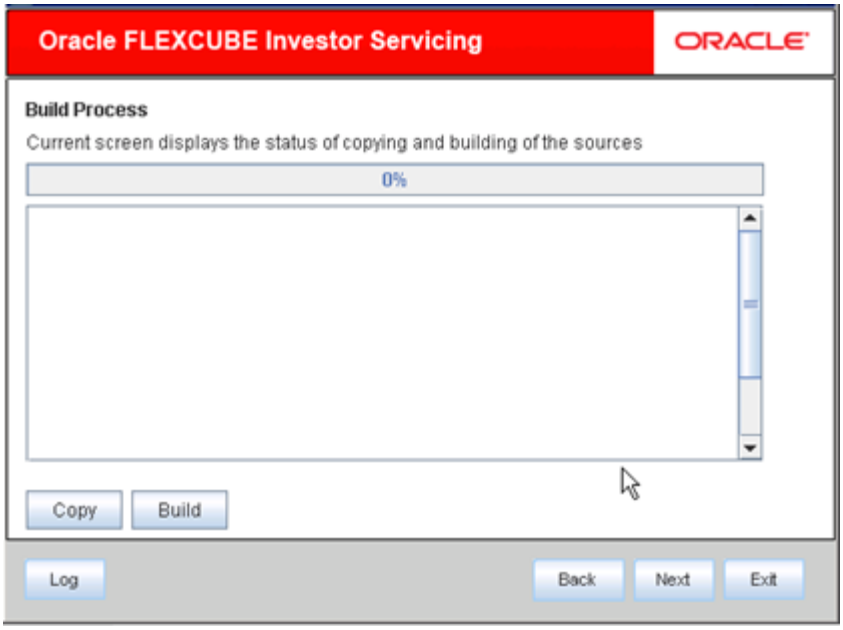
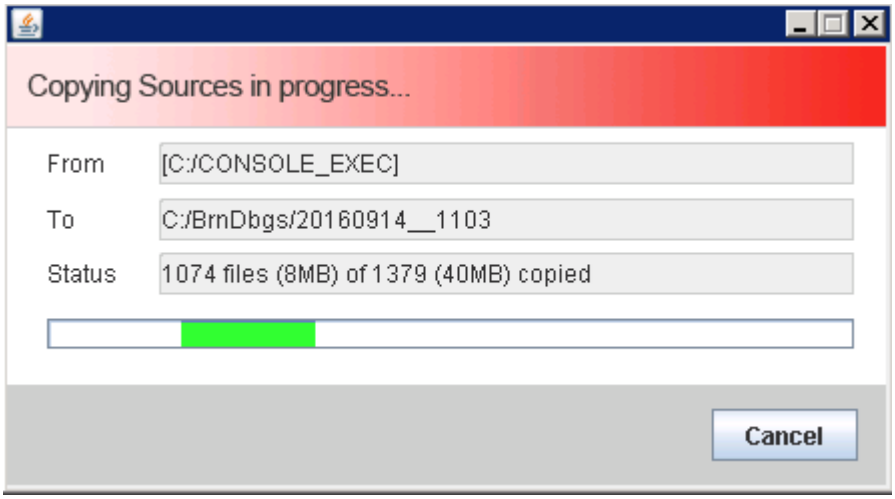
Figure 1-12 Status of sources being Copied



23. Click **Copy** button.

    The installer copies the files.

Figure 1-13 Click Copy



24. Click **Next** to view the status of sources being built.

    The following screen is displayed.

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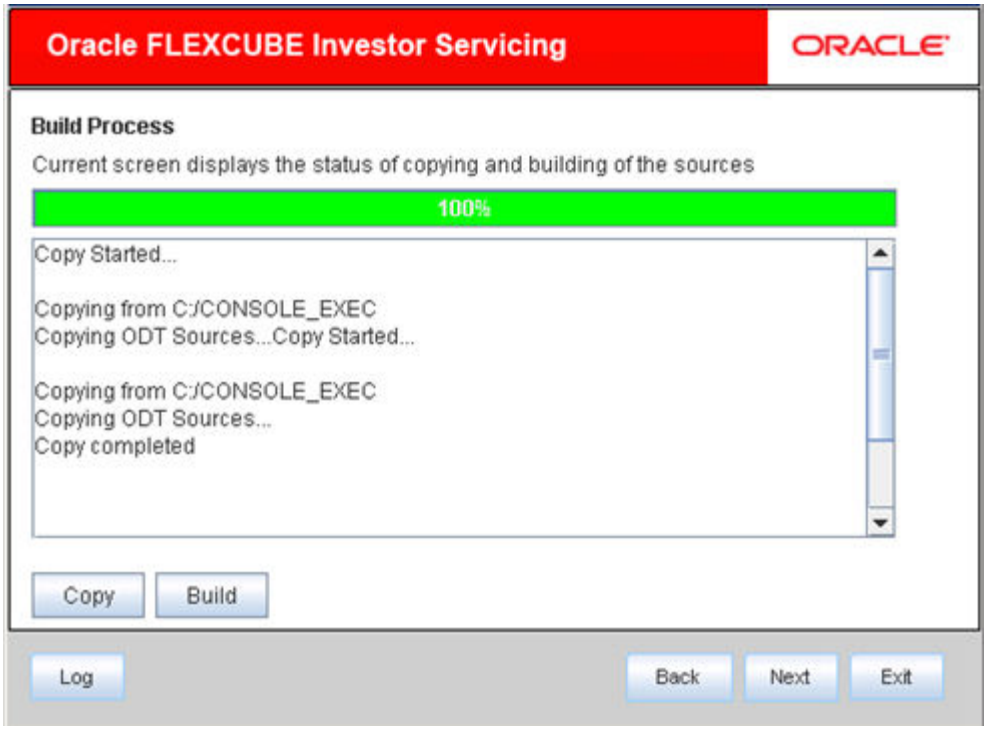
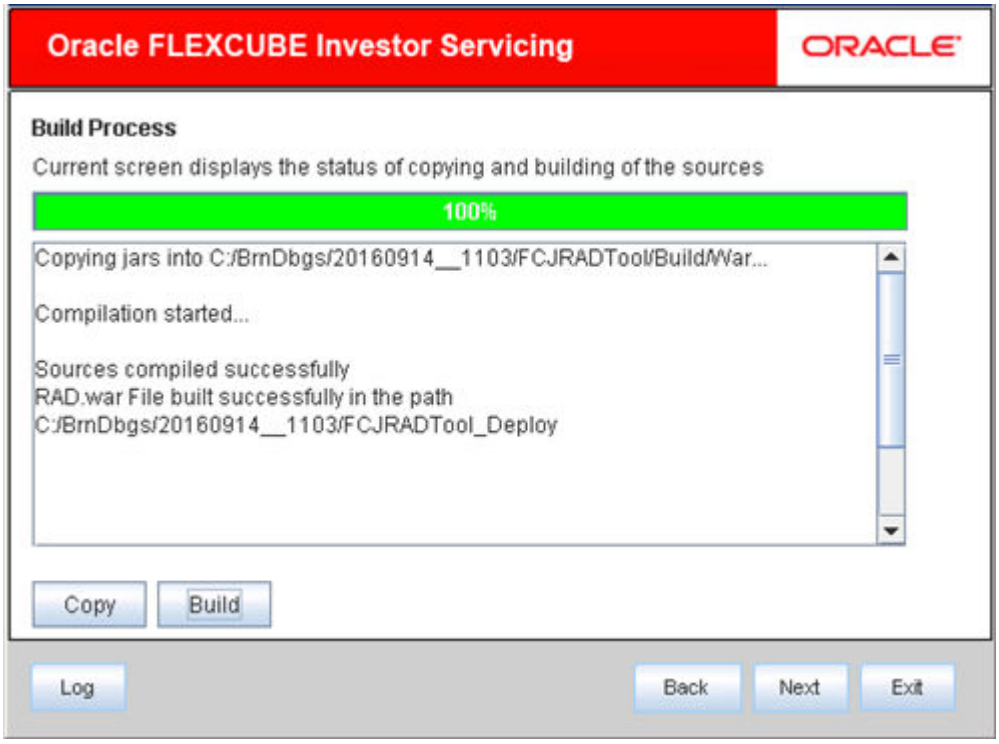
Figure 1-14 Status of sources being Copied



25. Click **Build** button to start the build process.

    The installer builds the source files.

Figure 1-15 Status of sources being Built



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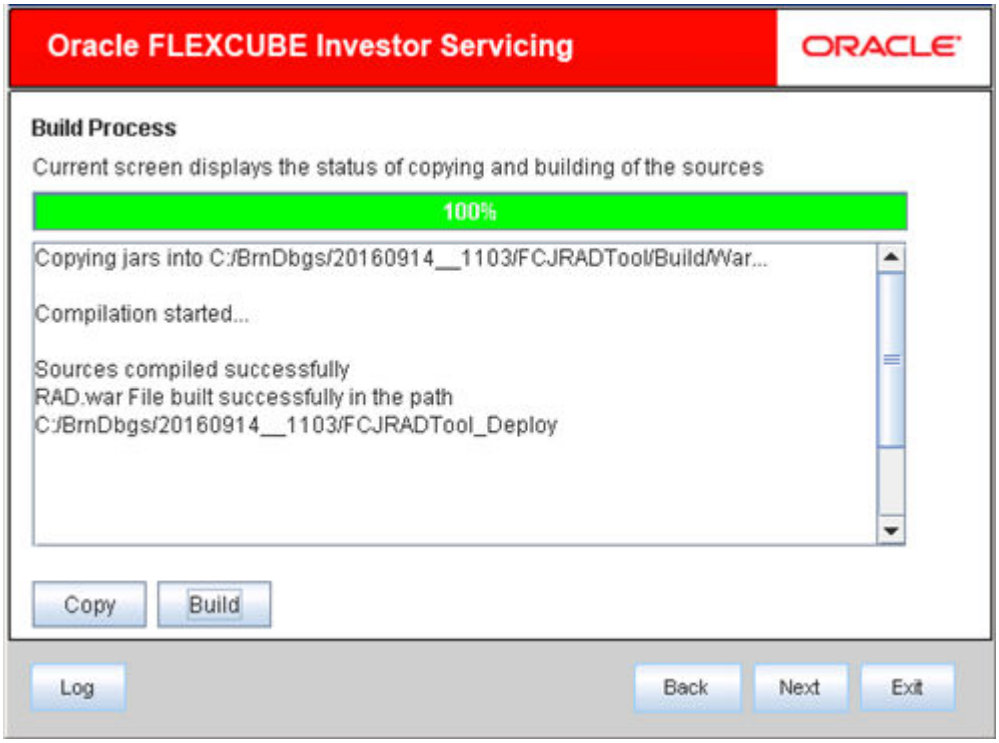
26. Click **Ok**.

    The following screen is displayed.

Figure 1-16 Status of sources being Built



This completes the file generation process using ODT.

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