

ODT EAR Building  
Oracle FLEXCUBE Investor  
Servicing Release 14.7.2.0.0  
[May] [2023]



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# Table of Contents

- 1. ODT INSTALLATION ..... 1-1
  - 1.1 INTRODUCTION ..... 1-1
  - 1.2 INSTALLING ODT (OPEN DEVELOPMENT TOOL) ..... 1-1

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# 1. ODT Installation

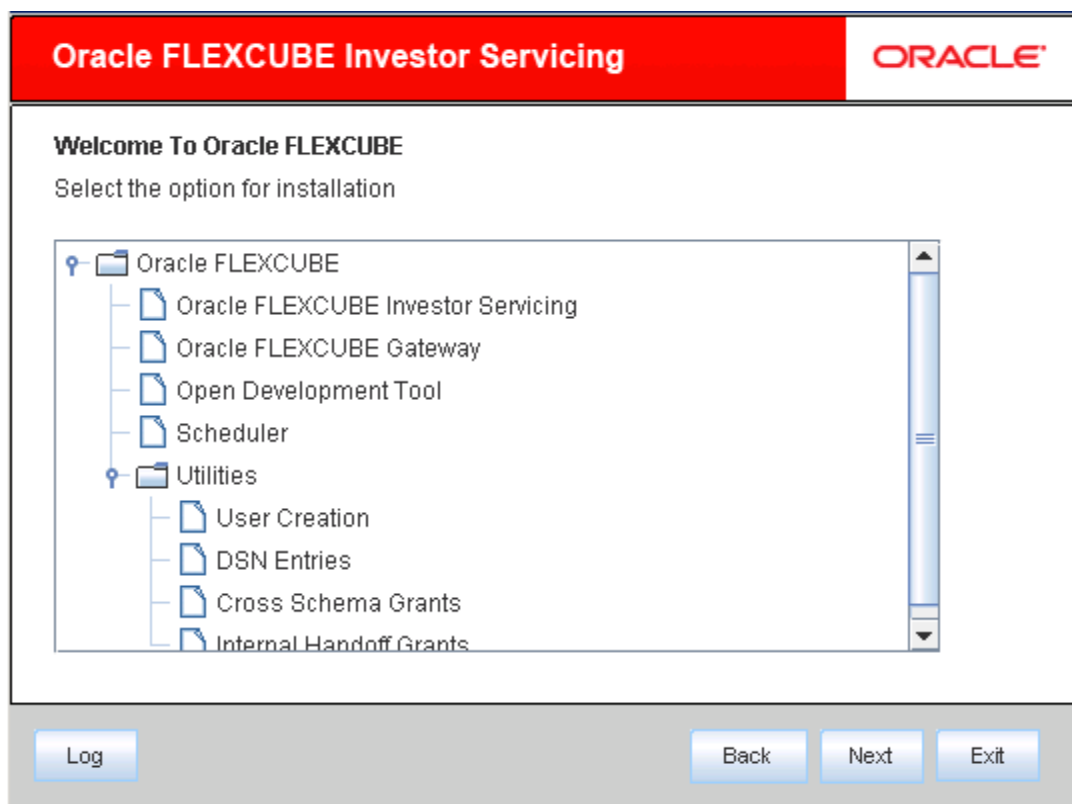
## 1.1 Introduction

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

## 1.2 Installing ODT (Open Development Tool)

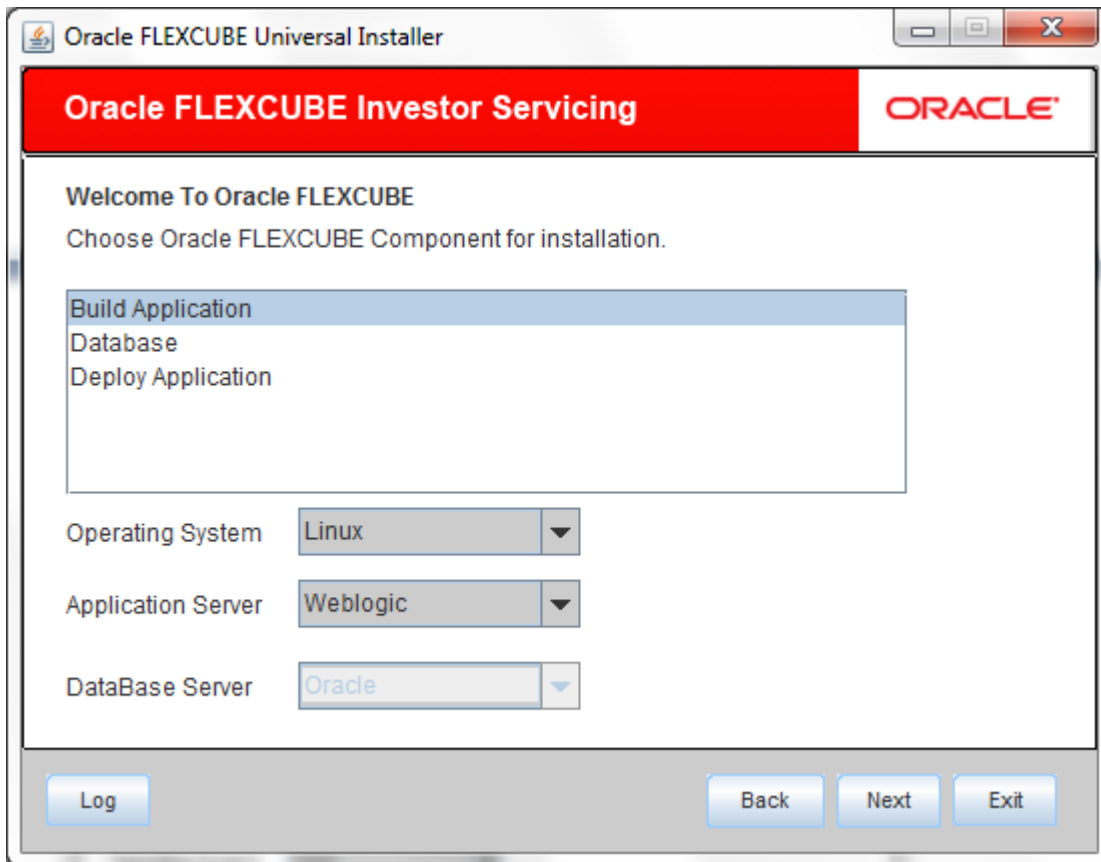
To install ODT, follow the steps given below:

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



2. Click 'Open Development Tool'.

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



4. Select 'Build Application' as Oracle FLEXCUBE component for installation.
5. Specify the following details.

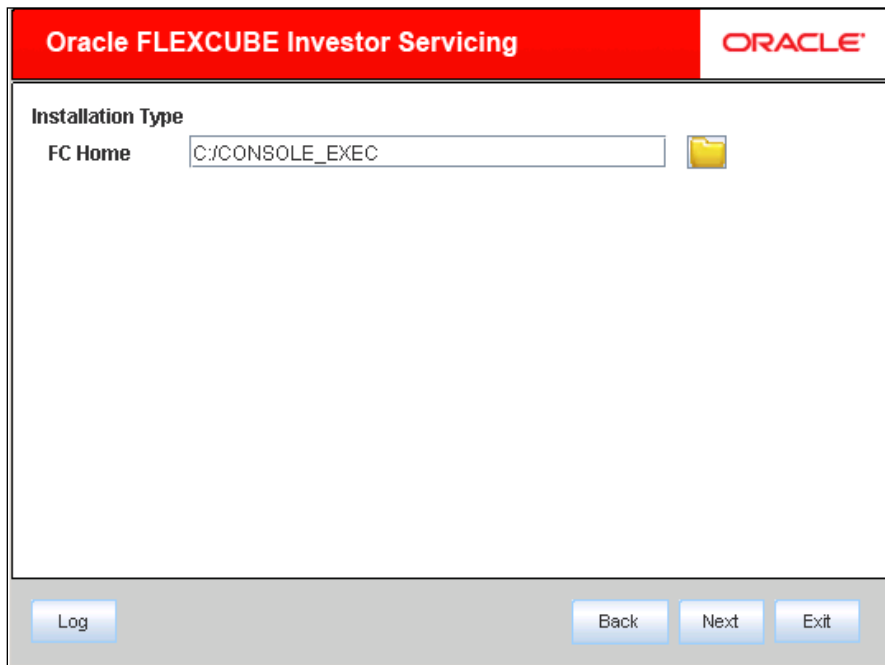
#### **Operating System**

Specify the operating system in which you are installing Oracle FLEXCUBE.

#### **Application Server**

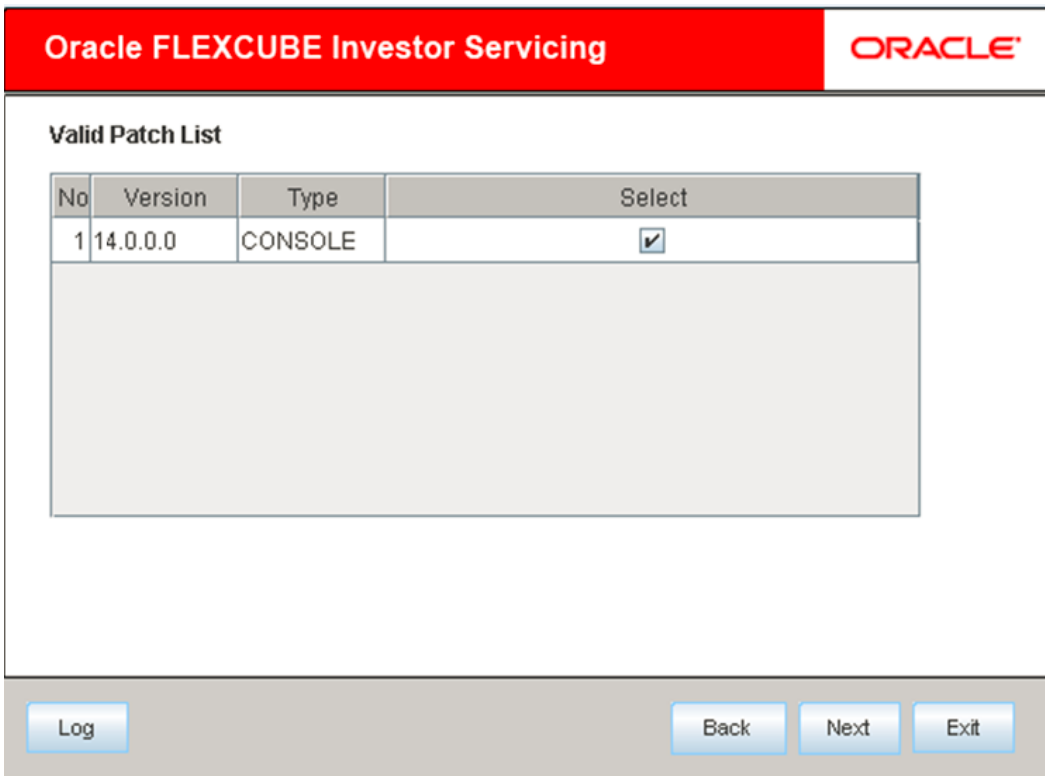
Specify the application server on which you are installing Oracle FLEXCUBE.

Click 'Next'. The following screen is displayed.



The screenshot shows the 'Installation Type' screen of the Oracle FLEXCUBE Investor Servicing application. The title bar is red with 'Oracle FLEXCUBE Investor Servicing' and the Oracle logo. The main area has a label 'Installation Type' and a sub-label 'FC Home' next to a text box containing 'C:/CONSOLE\_EXEC'. To the right of the text box is a yellow folder icon. At the bottom, there is a 'Log' button on the left and 'Back', 'Next', and 'Exit' buttons on the right.

6. Browse for CONSOLE\_EXEC path and click 'Next'. The following screen is displayed:



The screenshot shows the 'Valid Patch List' screen of the Oracle FLEXCUBE Investor Servicing application. The title bar is red with 'Oracle FLEXCUBE Investor Servicing' and the Oracle logo. The main area has a label 'Valid Patch List' above a table. The table has four columns: 'No', 'Version', 'Type', and 'Select'. It contains one row with the values '1', '14.0.0.0', 'CONSOLE', and a checked checkbox. Below the table is a large empty rectangular area. At the bottom, there is a 'Log' button on the left and 'Back', 'Next', and 'Exit' buttons on the right.

No	Version	Type	Select
1	14.0.0.0	CONSOLE	<input checked="" type="checkbox"/>

7. Select the Console type and click Next. The following screen is displayed:

**Oracle FLEXCUBE Investor Servicing** **ORACLE**

**Build Process**  
Current screen provides an option to enter application jndi names and logger path

ODT JNDI

Logger Path

PROVIDER\_URL

8. Specify the following details.

**ODT JNDI**

Specify the JNDI for the ODT.

**Logger Path**

Specify the path where the logs have to be written.

**Provider\_URL**

Specify the provider URL.

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

The screenshot shows the 'Oracle FLEXCUBE Investor Servicing' window with the 'Property File Creation' tab selected. The window has a red header bar with the Oracle logo. The main content area contains the following elements:

- Property File Creation**: Section header.
- Current screen provides an option for Enabling Single Sign on**: Instructional text.
- SSO Required**: A checkbox that is currently unchecked.
- SSO KEY**: A text input field containing the value 'DN'.
- Authentication details maintained external to FLEXCUBE**: Instructional text.
- External Password Required**: A checkbox that is currently unchecked.
- Authentication Type**: A dropdown menu currently showing 'MSAD'.
- External User Login Required**: A checkbox that is currently unchecked.
- Help Text**: A scrollable text area containing the following text: "Single sign-on (SSO) is a property of access control of multiple related, but independent software systems. With this property a user logs in once and gains access to all systems without being prompted to log in again at each of them. Conversely, Single sign-off is the property whereby a single action of signing out terminates access to multiple software systems. This screen provides an option for External Authentication. If External Authentication is not required, keep the".
- Buttons**: At the bottom, there are four buttons: 'Log', 'Back', 'Next', and 'Exit'.

10. If you check the box, then click 'Next' and the following screen is displayed:

### External User Login Required

Check this box to enable user login using MSAD/LDAP user ID.

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

### Authentication Type

Select the authentication type from the adjoining drop-down list. This is the type of external server that is used. You can select one of the following options:

- MSAD (Microsoft Active Directory)
- LDAP (Lightweight Directory Access Protocol)

By default, 'MSAD' is selected.

The default option is MSAD; however, you can change it.

If you check the box, then the installer navigates to the following screen on clicking 'Next' button

The screenshot shows a window titled 'Oracle FLEXCUBE Universal Installer 14.4.0.0.0'. The main header is 'Oracle FLEXCUBE Investor Servicing' with the ORACLE logo. The section is 'Property File Creation' with the sub-section 'LDAP Server Details'. It contains a table with 5 rows and 3 columns: No., Name, and Value.

No.	Name	Value
1	LDAP SERVER URL	LDAP://10.10.10.10:111
2	LDAP SSL ENABLED	<input type="checkbox"/>
3	SECURITY AUTHENTICAT...	Simple
4	DOMAIN NAME	I-FLEX.COM
5	LDAP SERVER TIMEOUT	0

At the bottom, there are buttons for 'Log', 'Back', 'Next', and 'Exit'.

Specify the following details:

#### 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 (in most cases)
- 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.

This is an external authentication window. If external authentication is not required, then uncheck all the options and click 'Next'. The following screen is displayed:

The screenshot shows a window titled "Oracle FLEXCUBE Investor Servicing" with the Oracle logo in the top right corner. The main content area is titled "Property File Creation" and contains the instruction "Choose Enable SSL option for Securing confidential user information". Below this, there are two checked checkboxes: "SSL Enabled?" and "OPSS Available". A red warning box contains the text: "If the SSL Enabled option is unchecked then this setting will put your application at risk. OFSS will not hold any responsibility for the Data Loss." Below the warning box, there is a section for "OPSS" with a checkbox for "CSF" and a description: "A credential store is used for secure storage of credentials. CSF is used to access and perform operations on the credential store. The Credential Store Framework enables to manage credentials securely". At the bottom of the window, there are four buttons: "Log", "Back", "Next", and "Exit". A mouse cursor is pointing at the "Next" button.

Oracle FLEXCUBE Investor Servicing ORACLE

**Property File Creation**

Choose Enable SSL option for Securing confidential user information

☒ SSL Enabled?


☒ OPSS Available

If the SSL Enabled option is unchecked then this setting will put your application at risk. OFSS will not hold any responsibility for the Data Loss.

OPSS ☐ CSF : A credential store is used for secure storage of credentials. CSF is used to access and perform operations on the credential store. The Credential Store Framework enables to manage credentials securely


Log Back Next Exit

Check both the options and click 'Next'. The following screen is displayed:



**Oracle FLEXCUBE Investor Servicing** **ORACLE**

**Build Process**  
Specify the destination directory, application name

Destination Directory  

Application Name

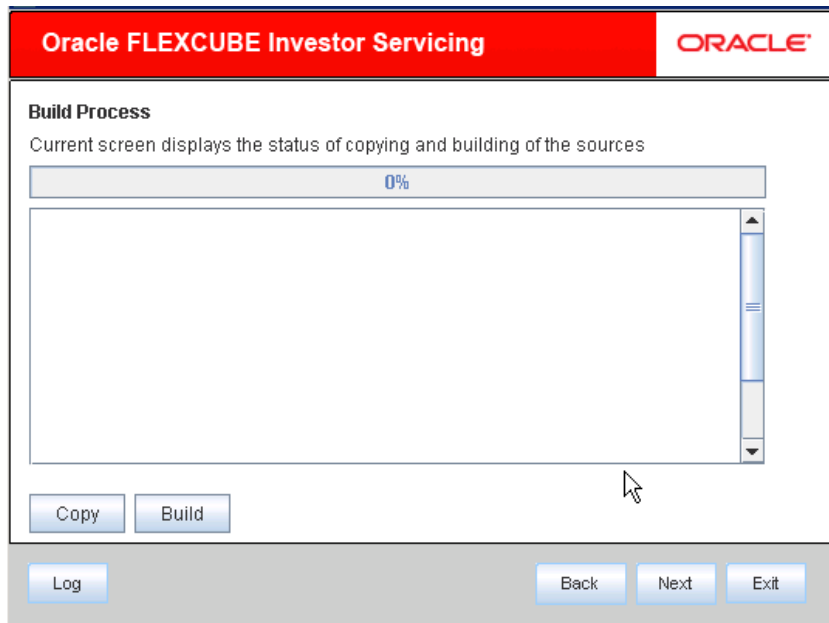
### **Destination Directory**

Specify the destination directory. You can use the directory icon to browse to the source directory location.

### **Application Name**

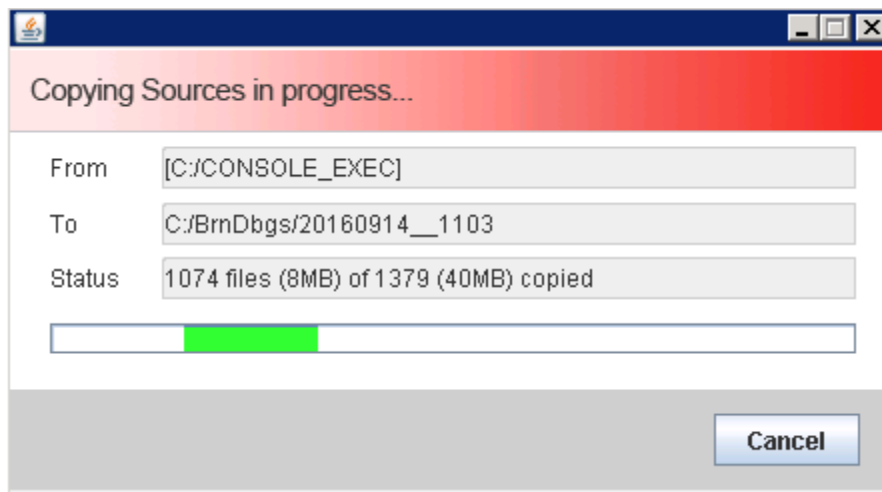
Specify the desired name for the application. For example,: RAD.

Click 'Next'. The following screen is displayed.

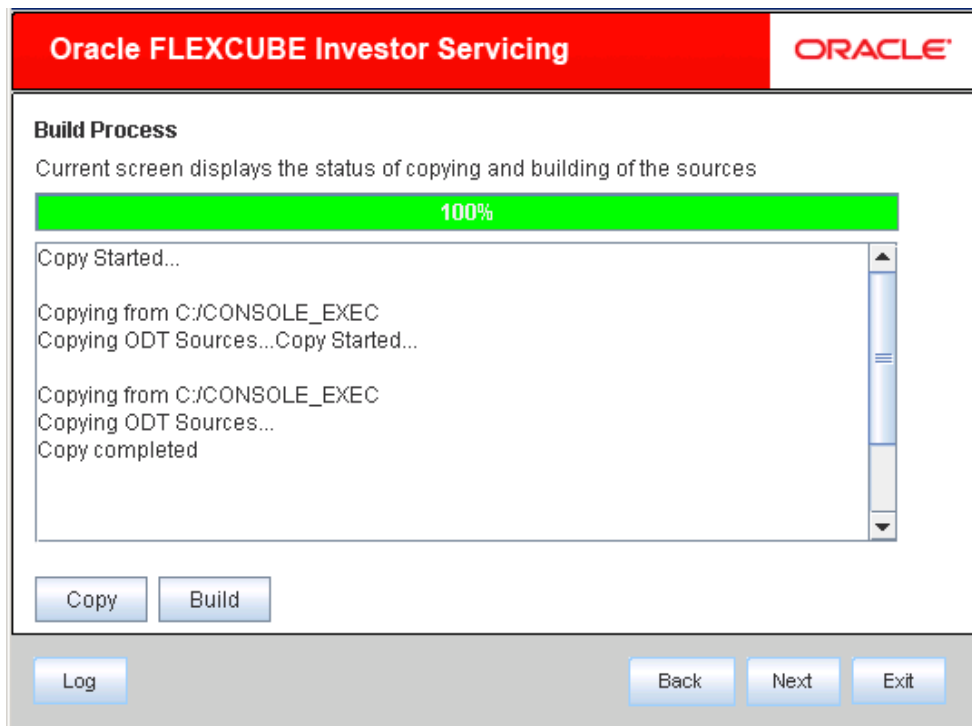


You can select all the source directories in this screen. The Installer will copy the sources from the multiple locations into the destination directory. You can have consolidated sources in the destination directory.

Click 'Copy' button to copy sources to the destination location. The following screen is displayed:

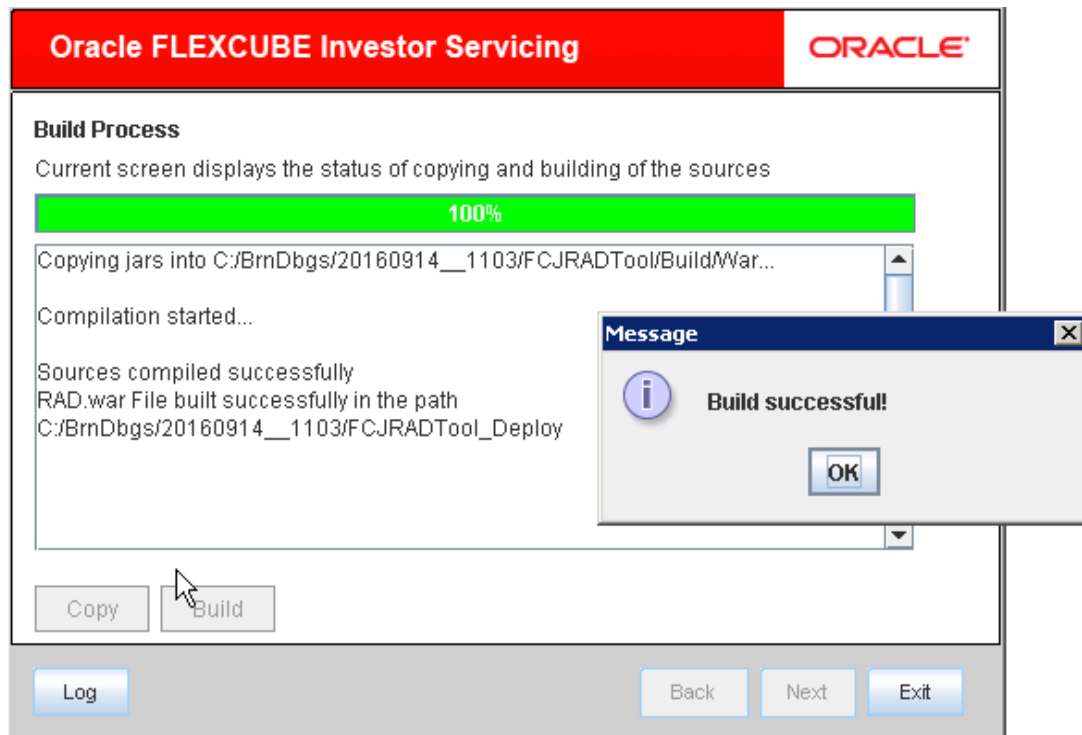


Once the copying process is done, the following screen is displayed:

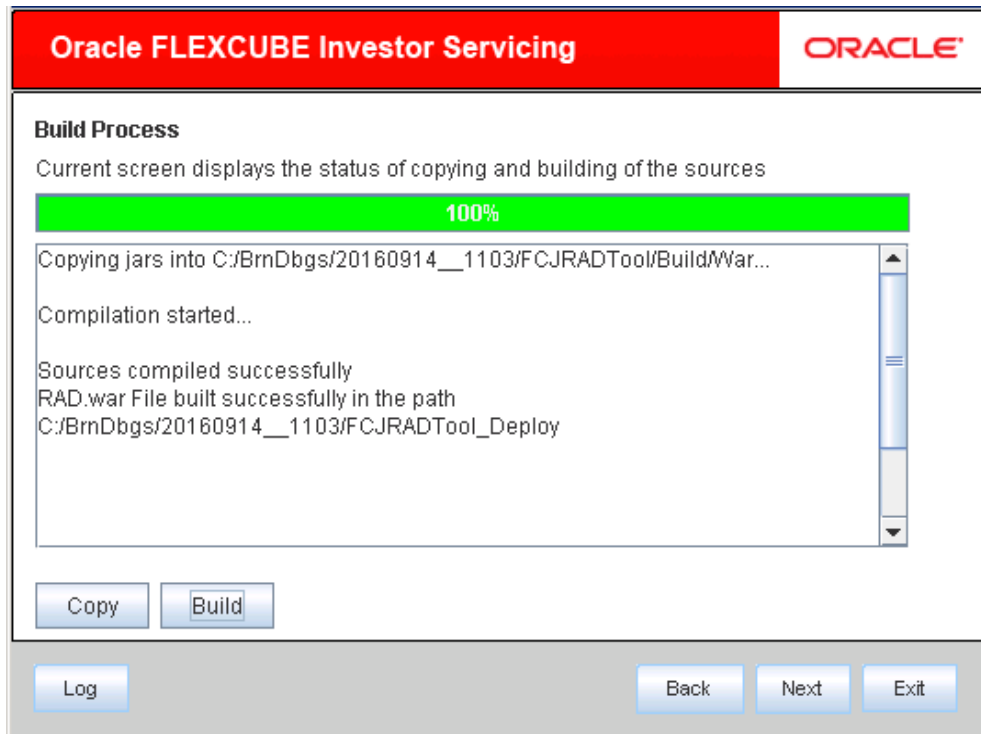


Click 'Build' button to build the war file in the destination location.

The system displays the following screen when the copying is complete.



Click OK. The following screen is displayed:





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