

ODT EAR Building
Oracle FLEXCUBE Investor Servicing
Release 14.4.0.0.0
[July] [2020]



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1. ODT Installation

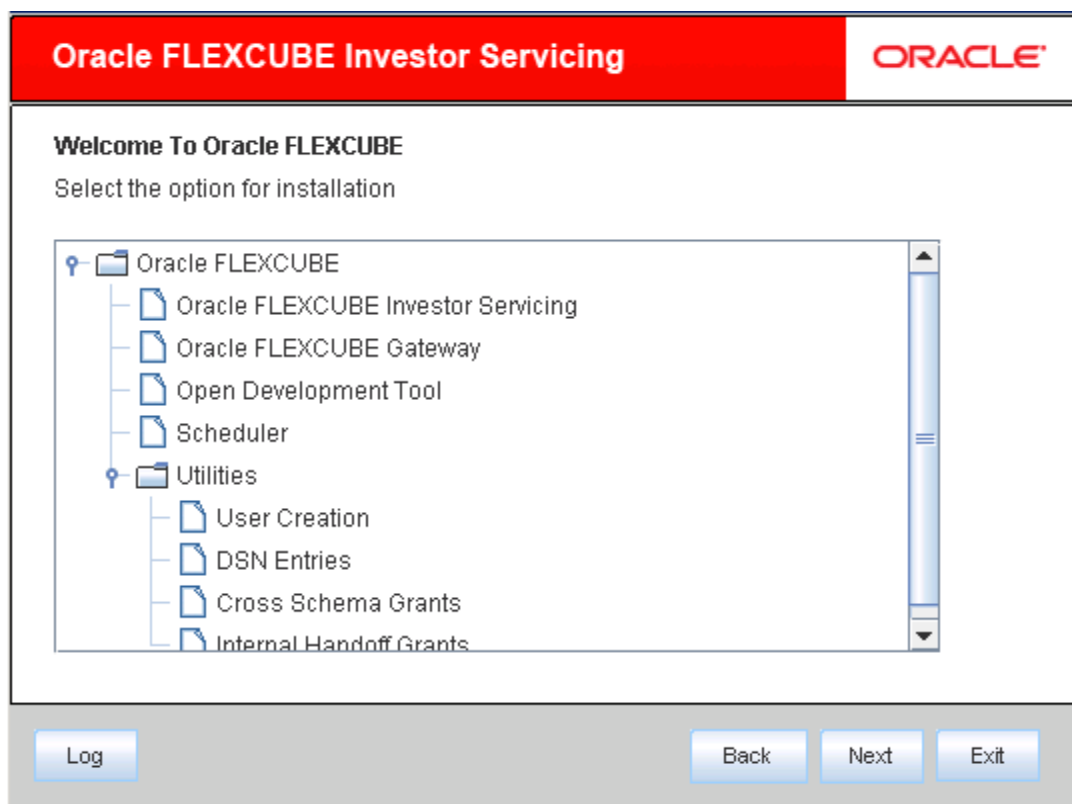
1.1 Introduction

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)

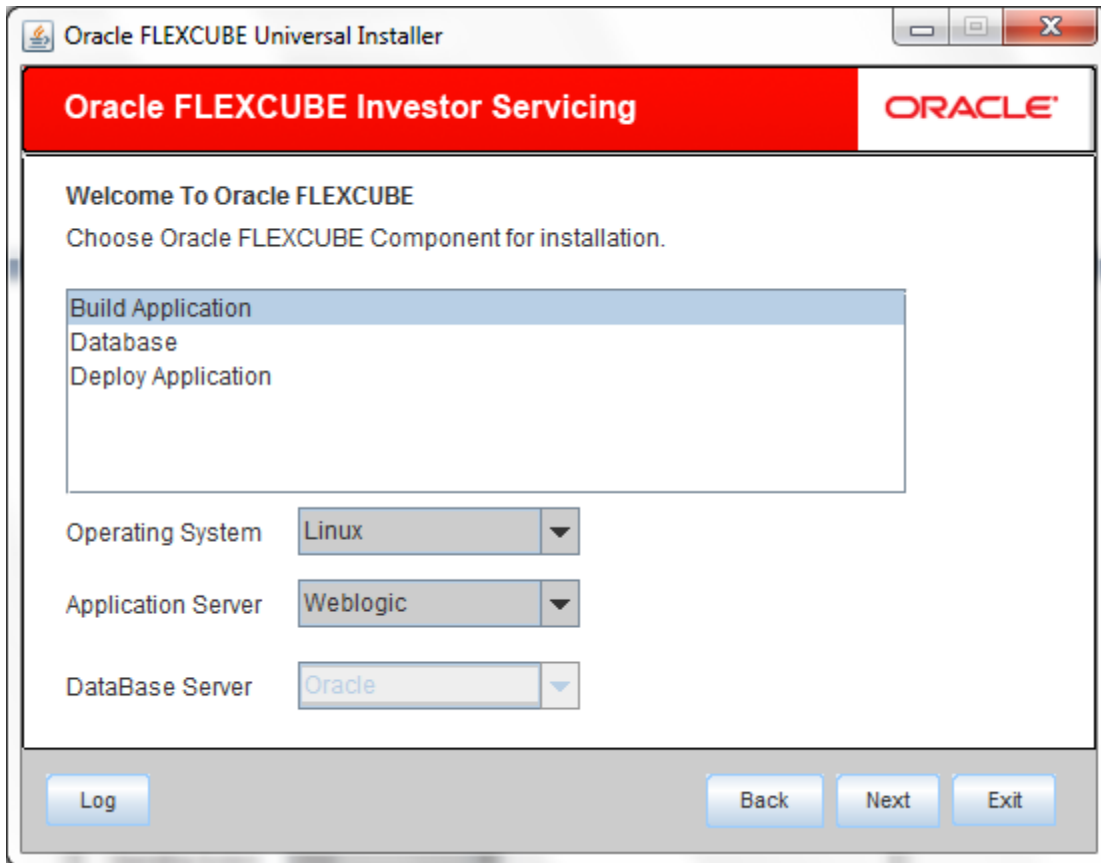
To install ODT, follow the steps given below:

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.

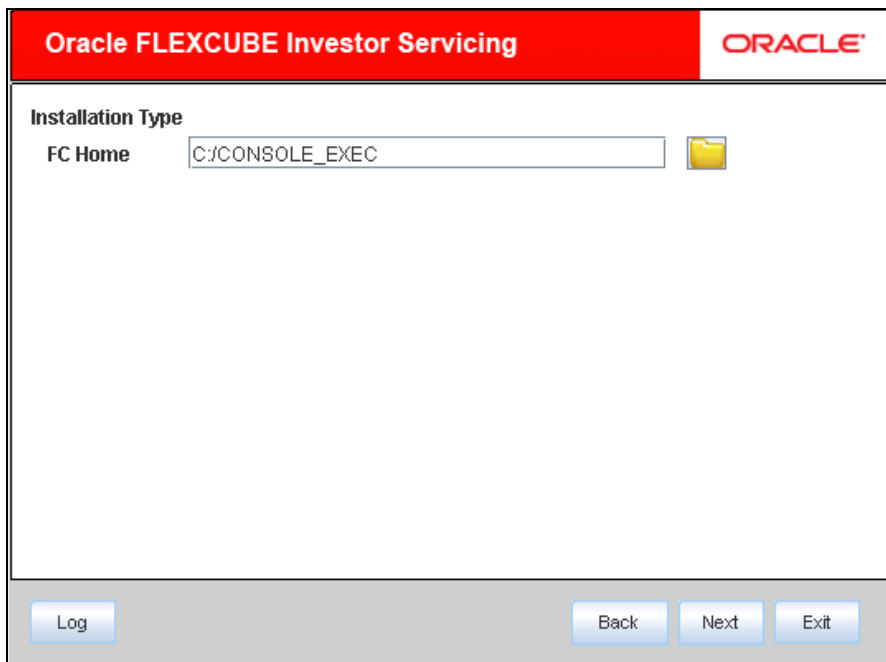
Operating System

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

Application Server

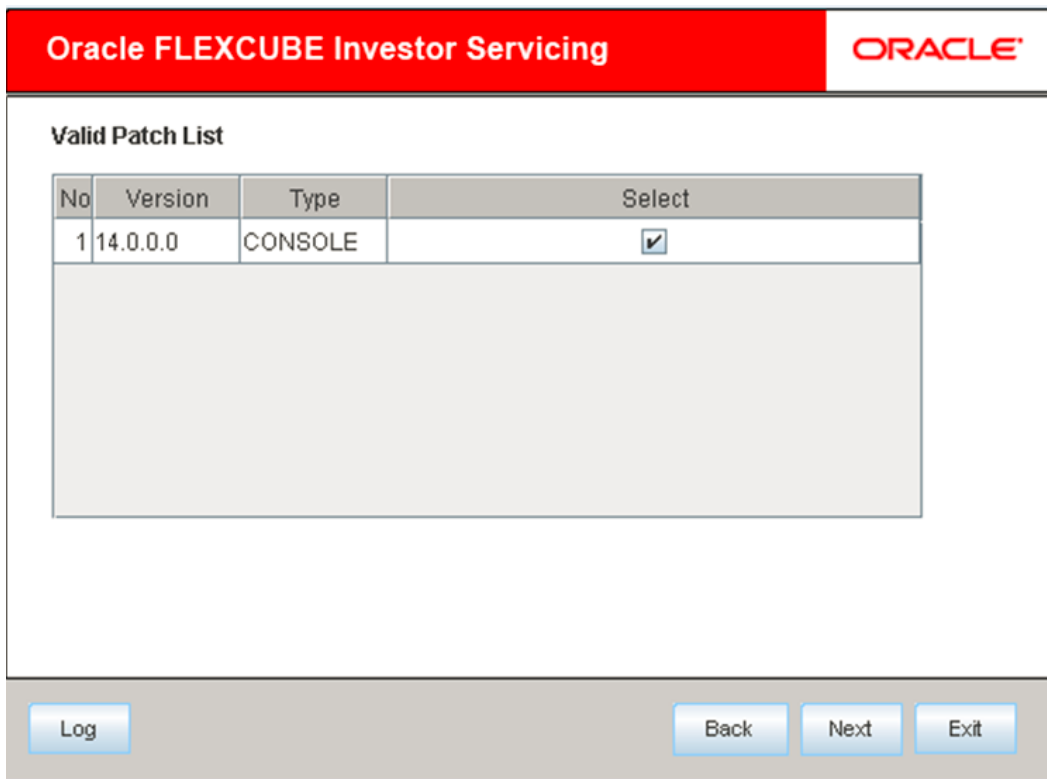
Specify the application server on which you are installing Oracle FLEXCUBE.

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 input field containing 'C:\CONSOLE_EXEC'. To the right of the input field is a yellow folder icon. At the bottom, there is a grey bar with four buttons: 'Log', 'Back', 'Next', and 'Exit'.

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 grey bar with four buttons: 'Log', 'Back', 'Next', and 'Exit'.

| 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 'Property File Creation' window in Oracle FLEXCUBE Investor Servicing. The window has a red header bar with the text 'Oracle FLEXCUBE Investor Servicing' and the 'ORACLE' logo. The main content area is titled 'Property File Creation' and contains the following elements:

- A description: 'Current screen provides an option for Enabling Single Sign on'.
- A checkbox labeled 'SSO Required' which is currently unchecked.
- A text input field labeled 'SSO KEY' containing the text 'DN'.
- A label 'Authentication details maintained external to FLEXCUBE'.
- A checkbox labeled 'External Password Required' which is unchecked.
- A label 'Authentication Type' followed by a dropdown menu showing 'MSAD'.
- A checkbox labeled 'External User Login Required' which is unchecked.
- A scrollable text box 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'.

At the bottom of the window, 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

| 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 |

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:

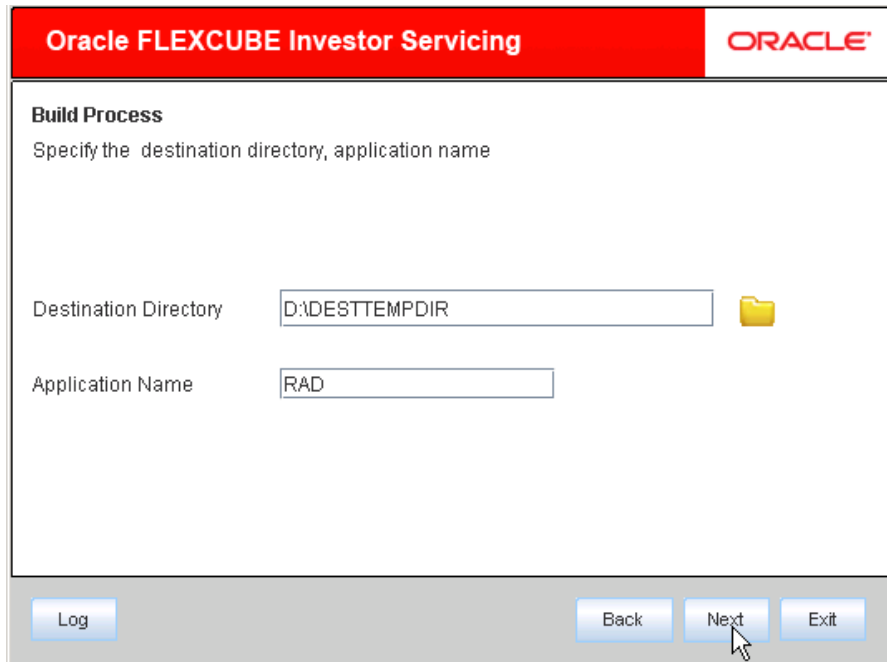
- By default, the LDAP server timeout is zero; however, you can change this.
- You must enter a positive integer value. For example, 1000, 10000, 5000, etc.

- 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.

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



The screenshot shows a software window titled "Oracle FLEXCUBE Investor Servicing" with the Oracle logo in the top right corner. The main area is titled "Build Process" and contains the instruction "Specify the destination directory, application name". There are two input fields: "Destination Directory" with the text "D:\DESTTEMPDIR" and a yellow folder icon to its right, and "Application Name" with the text "RAD". At the bottom, there is a grey bar containing four buttons: "Log", "Back", "Next", and "Exit". A mouse cursor is pointing at the "Next" button.

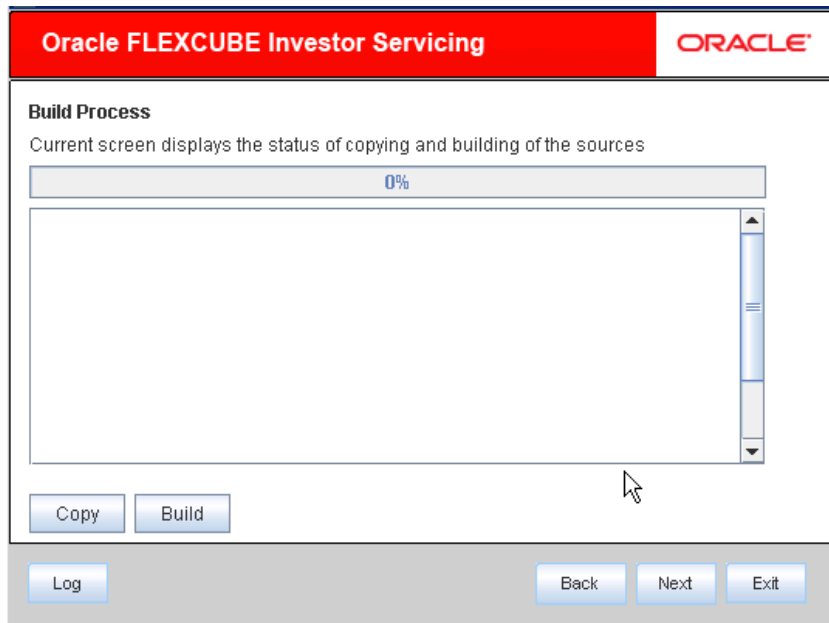
Destination Directory

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

Application Name

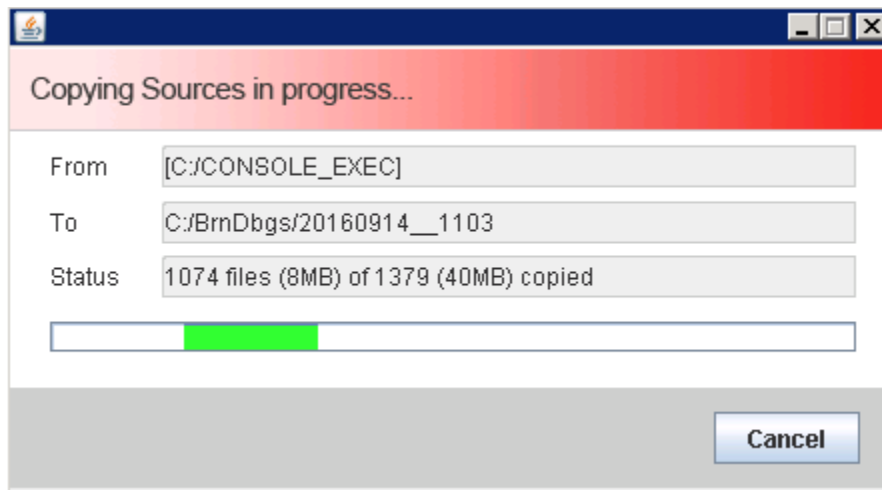
Specify the desired name for the application. For example,: RAD.

Click 'Next'. The following screen is displayed.

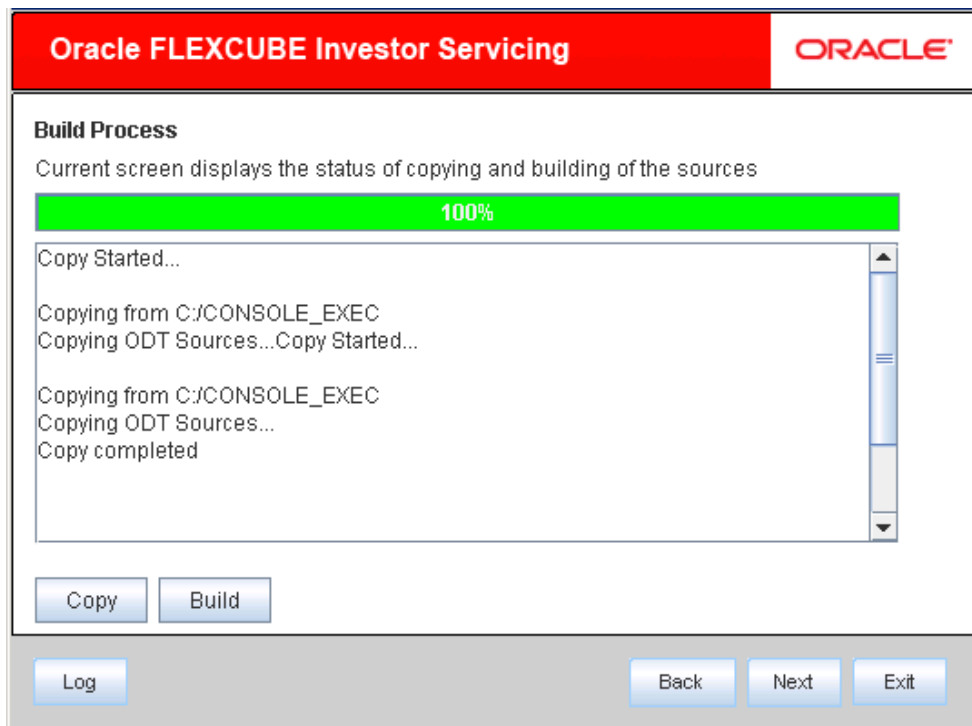


You can select all the source directories in this screen. The Installer will copy the sources from the multiple locations into the destination directory. You can have consolidated sources in the destination directory.

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

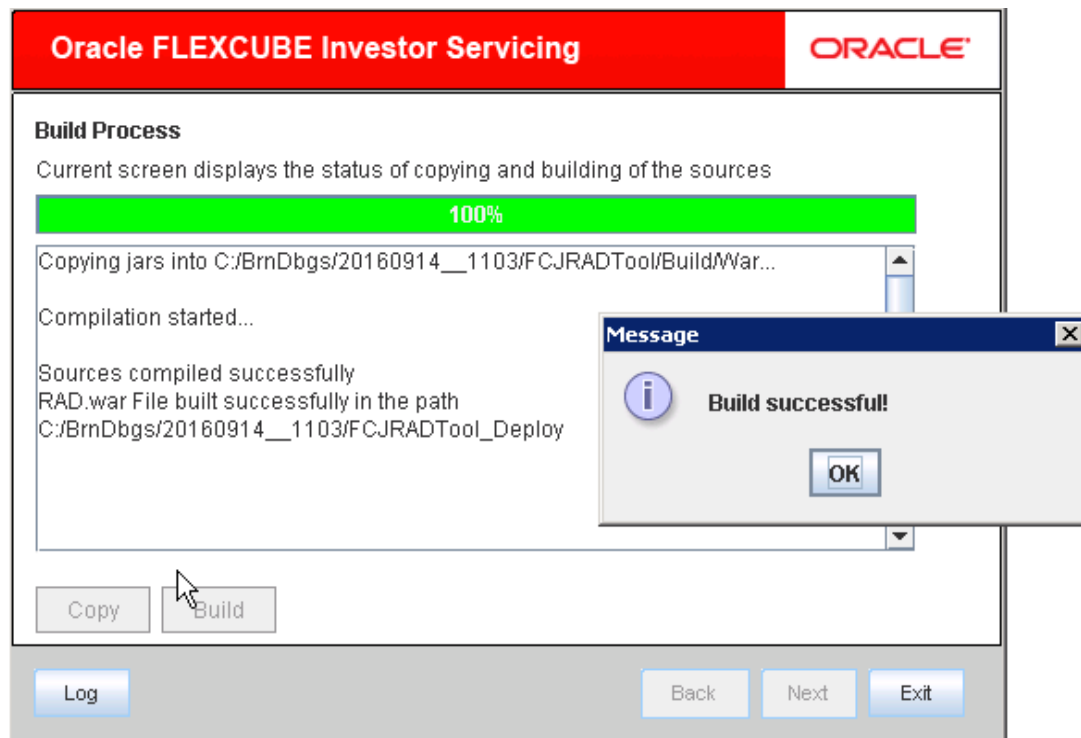


Once the copying process is done, the following screen is displayed:

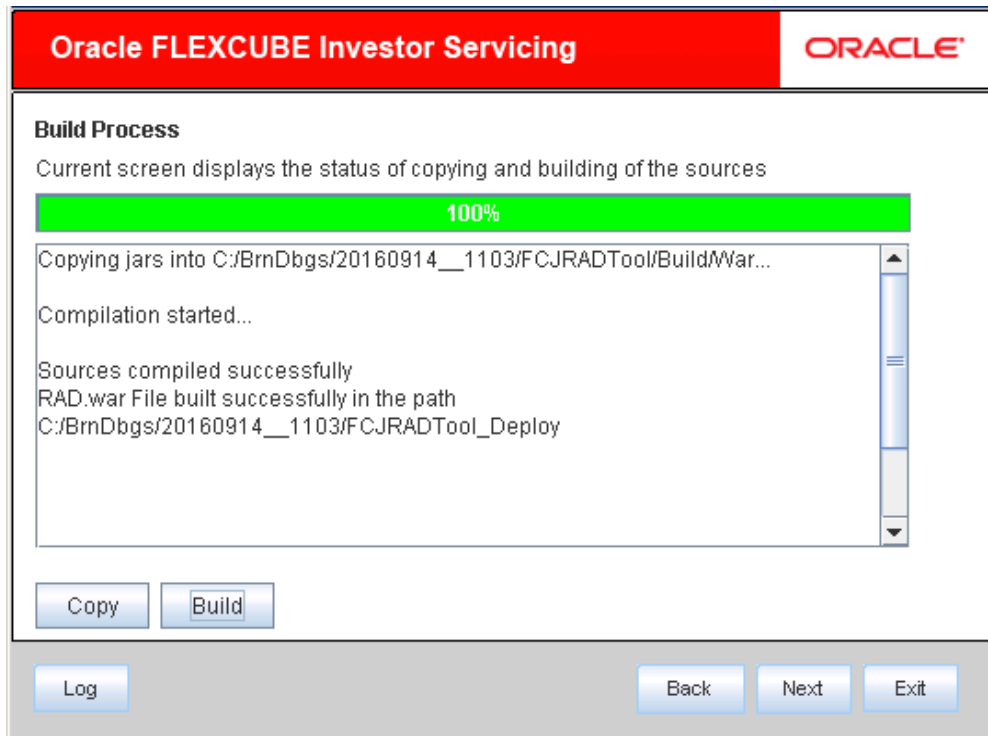


Click 'Build' button to build the war file in the destination location.

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



Click OK. The following screen is displayed:





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