Oracle Financial Services Asset Liability Management Applications Pack

Language Pack Installation & Configuration Guide

Version 8.0.0.0.0

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FINANCIAL SERVICES

DOCUMENT CONTROL

Version Number	Revision Date	Changes Done
Version 1.0	May 2015	Created document to capture OFSALM Application Language Pack 8.0.0.0.0 Release patch update procedure.
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Executive Summary

This document includes the necessary instructions to install the OFSALM Application Pack (Langauge Pack) 8.0.0.0.0 and perform the required post update configurations. The latest copy of this guide can be accessed from OTN Documentation Library.

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1 OFSALM Application Pack (Langauge Pack) 8.0.0.0.0 Release

This document describes the necessary steps to install and configure 8.0.0.0.0 (Language Pack) and enable the UI of OFSALM Application Pack in different languages in addition to US-English. The language Packs supported in this release are *Simplified Chinese, Traditional Chinese, French, German, Indonesian, Italian, Japanese, Korean, Portuguese, Russian, Spanish, Thai, French Canada, Arabic, Hebrew, Turkish,* and *Vietnamese*.

1.1 Pre Installation Requirements

- OFSALM Application Pack 8.0.0.0.0 has to be successfully installed before proceeding with this installation.

- Check the locale installed.

  To check the locale installed, execute the following command:

  ```
  locale -a | grep -i 'en_US.utf'
  ```

  Based on the operating system, the following output is displayed:

  - Linux : en_US.utf8

  - AIX : EN_US.UTF-8

  - Solaris : en_US.UTF-8

1.1.1 Additional Information

Based on the version of OFS AAI Application Pack in the setup, the following additional patches should be installed:

OFS AAI Pack Version	Patches/ Instructions
8.0.0.0.0	Download and install patch for BUG # **21221216**: CONSOLIDATED 1-OFF FOR LP ON OFS AAAI 8.0.0.0.0 BUG # **21327328**: ERROR EXECUTING SCRIPT DURING LP INSTALLATION Bug # **21422713:** METADATA BROWSER APPLICATION LIST GETTING DISPLAYED IN ENGLISH

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OFS AAI Pack Version	Patches/ Instructions
8.0.0.1.0	Download and install patch for BUG # **21221246**: CONSOLIDATED 1-OFF FOR LP ON OFS AAAI 8.0.0.1.0 BUG # **21339774**: ERROR EXECUTING SCRIPT DURING LP INSTALLATION BUG # **21500033**: METADATA BROWSER APPLICATION LIST GETTING DISPLAYED IN ENGLISH

Note: These patches are applicable for OFS AAI and OFS AAAI.

1.2   How to Apply this Language Pack Release?

Refer to the following instructions to install the contents of this Language Pack.

1.   Login to https://support.oracle.com/ and search for 21611099 under the *Patches & Updates* tab.

2.   Download the Oracle Financial Services ALM Pack v8.0.0.0.0 Language Pack Release #1 archive file from MOS and copy it to your OFSAA server in **Binary** mode.

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3. Stop all the OFSAA Services. For more information, refer to the *Start/Stop Infrastructure Services* section in <u>Oracle Financial Services Asset Liability Management Application Pack Installation Guide Release 8.0.0.0.0</u> available at OTN library.

4. If you have Unzip utility, skip to the next step. Download the Unzip utility (OS specific) and copy it in **Binary** mode to the directory that is included in your PATH variable, typically **$HOME** path or directory in which you have copied the 8.0.1.0.0.

   • Uncompress the unzip installer file using the command:

   ```
   uncompress unzip_<os>.Z.
   ```

   > **NOTE:**   In case you notice an error message "**uncompress: not found [No such file or directory]**" when the package is not installed, contact your administrator.

   • Give Execute permission to the file using the command:

   ```
   chmod 751 unzip_<os>.
   ```

   For example, `chmod 751 unzip_sparc.Z`

5. Extract the contents of the OFSALM Application pack (language pack) 8.0.0.0.0 archive file using the following command:

   ```
   unzip <os> <name of the file to be unzipped>
   ```

   For example, `unzip aix OFS_ALM_8.0.0.0.0_LP_GENERIC.zip`

6. Grant permissions 755 for Installation and Download directory.

7. Navigate to `OFS_ALM/bin` directory. The Language Pack installation is supported in both **GUI Mode** and **Silent Mode**. Begin the Language Pack installation by executing **Setup.sh** file in either of the following options:

   o **./setup.sh GUI** - The GUI mode of installation requires certain prerequisite configurations to be performed. For more information, refer to <u>Configuration for GUI Mode Installation</u>.

   o **./setup.sh SILENT** - The SILENT mode of installation does not require a simulator. You need to set the installation parameters in `OFS_ALM/conf/ silent.props` file and execute the command. For more information, refer to the <u>Silent Mode Installation</u> section.

   For information on Language Pack *Code* and its *Properties*, refer to the <u>Supported Language Pack Details</u> section.

   Note the following:

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- An Installation log is generated in the path `OFS_ALM/logs` folder. You can ignore ORA-00942 and ORA-00955 errors in log file. In case of any other errors, contact Oracle Support.

- You should not use process-interrupting commands like Ctrl+C or Ctrl+Z, which may terminate the process abruptly.

8. Post successful installation of the Language Pack, perform the configurations as explained in the Post Installation Configuration section.

9. Delete the existing EAR/WAR file available in `$FIC_HOME/ficweb` folder.

10. Generate **EAR/WAR** file and redeploy the application onto your configured web application server. For more information, refer to *Appendix C* in the Oracle Financial Services Asset Liability Management Application Pack Installation Guide Release 8.0.0.0.0 available at OTN Documentation library.

11. Once the Language Pack has been installed successfully and post installation configurations are performed, **restart** all the OFSAA services. For more information, refer to *Appendix D* in the Oracle Financial Services Asset Liability Management Application Pack Installation Guide Release 8.0.0.0.0 available at OTN Documentation library.
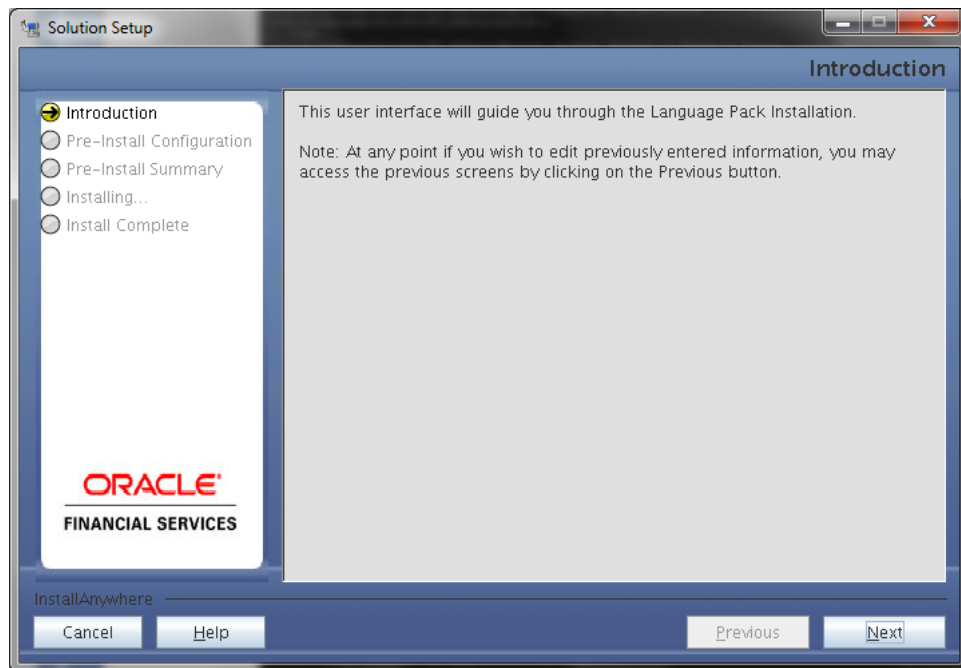
1.2.1 GUI Mode Installation

In GUI mode of installation, you can to enter the Installation parameters through the wizard.

To install Language Pack in GUI mode, follow below steps:

1. To begin Oracle Financial Services Asset Liability Management Application pack (Language pack) installation, execute the `setup.sh` file with argument as `./setup.sh` **GUI**.
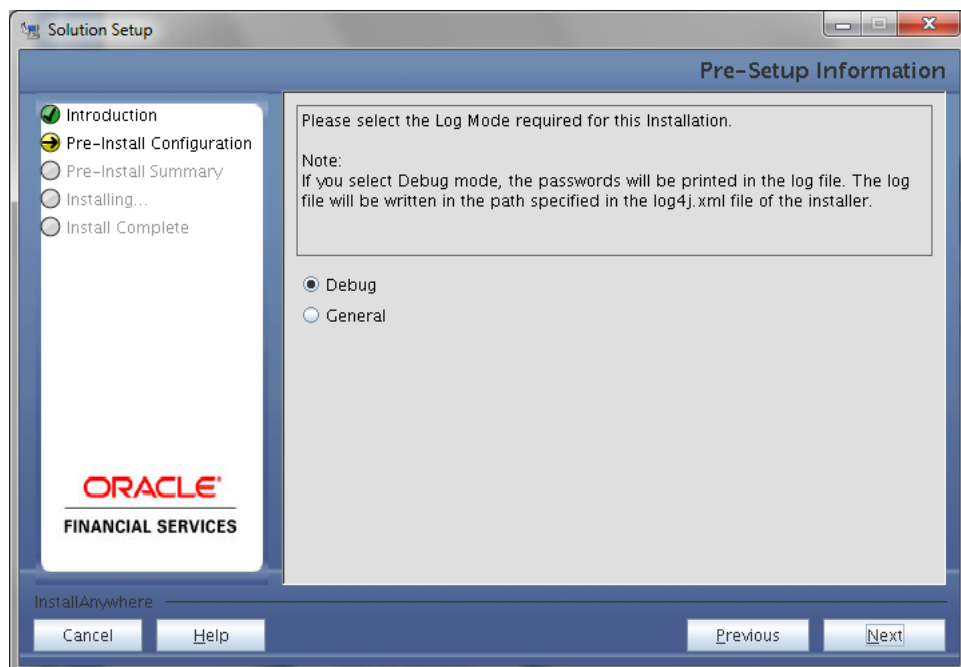

NOTE: Remove the control M characters in Setup.sh before execution, if required. You might have control M characters, if you are extracting the Installer in Windows and moving the same to Unix after download.

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2. After initialization, the *Introduction* screen is displayed.
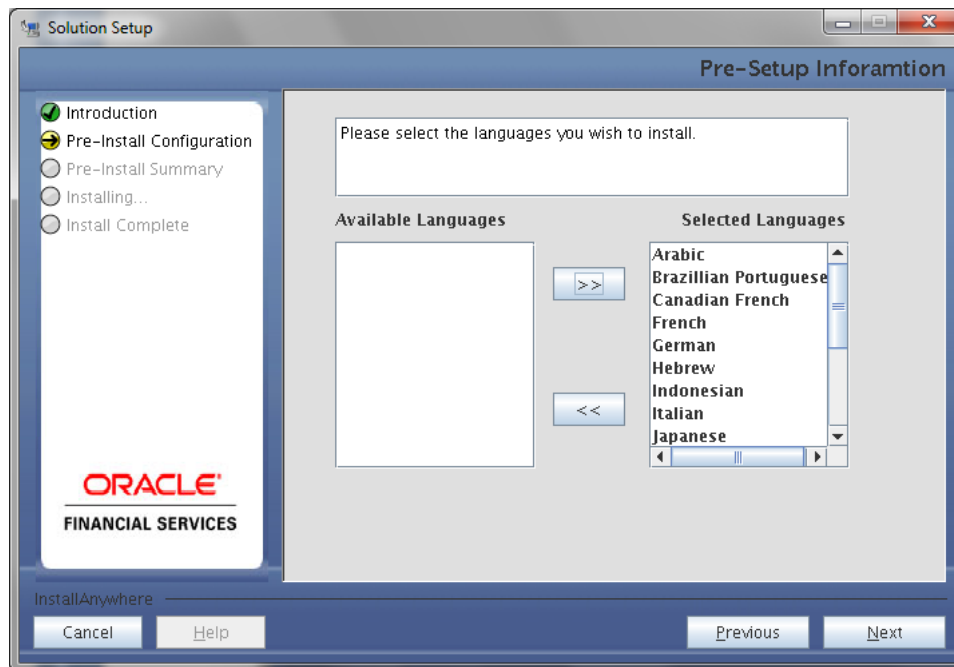
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Click **Next**.

3. Select the log mode for this installer. If Debug is selected, then Passwords will be printed in the log file specified in the log4j.xml file of the installer.
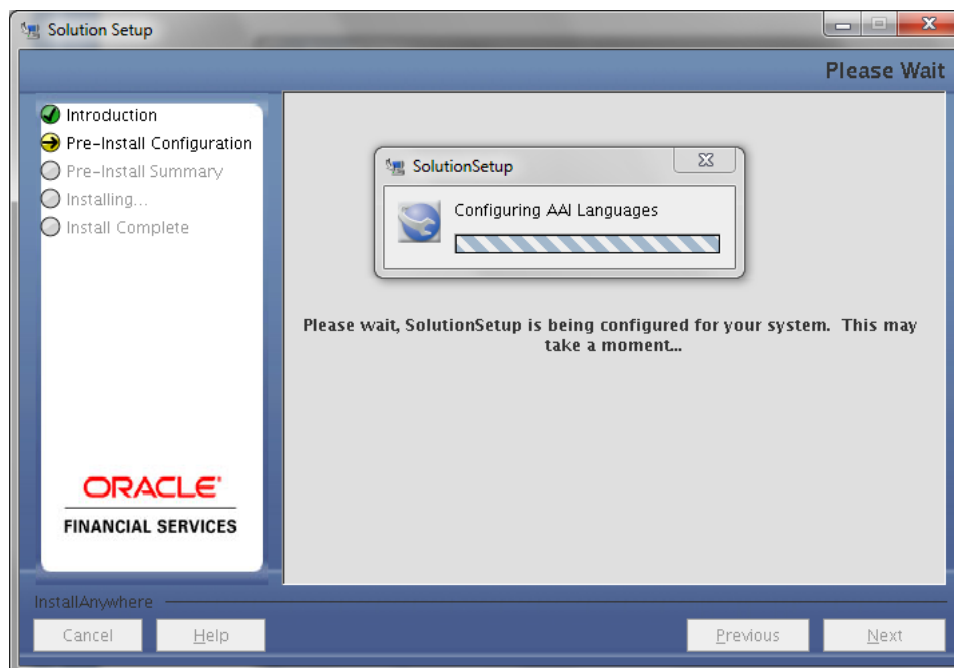

4. This screen displays the information on the list of languages to be installed. The LHS panel lists all the languages for which OFSAAI Language pack has been applied. Select the list of languages you wish to install and click **Next**.

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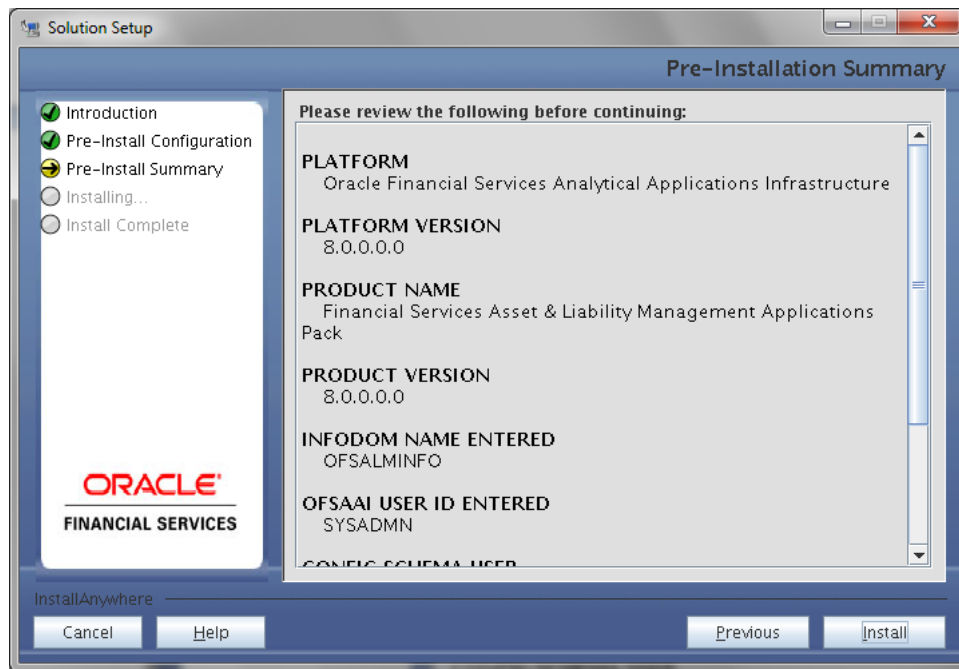**NOTE:** Select at least one language to proceed for installation.

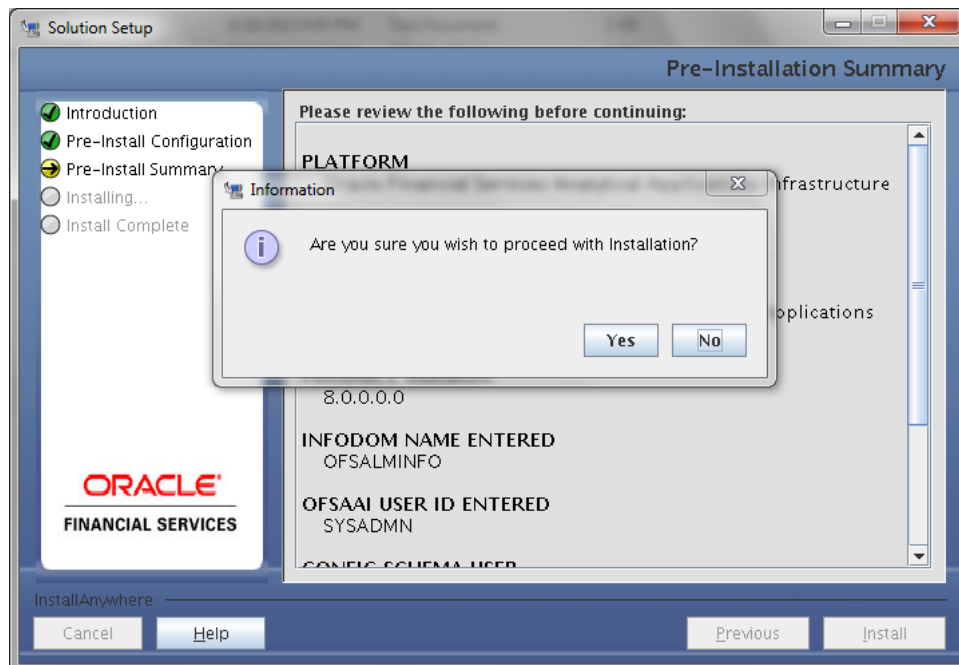For information on Language Pack *Code* and its *Properties*, refer to the Supported Language Pack Details section.

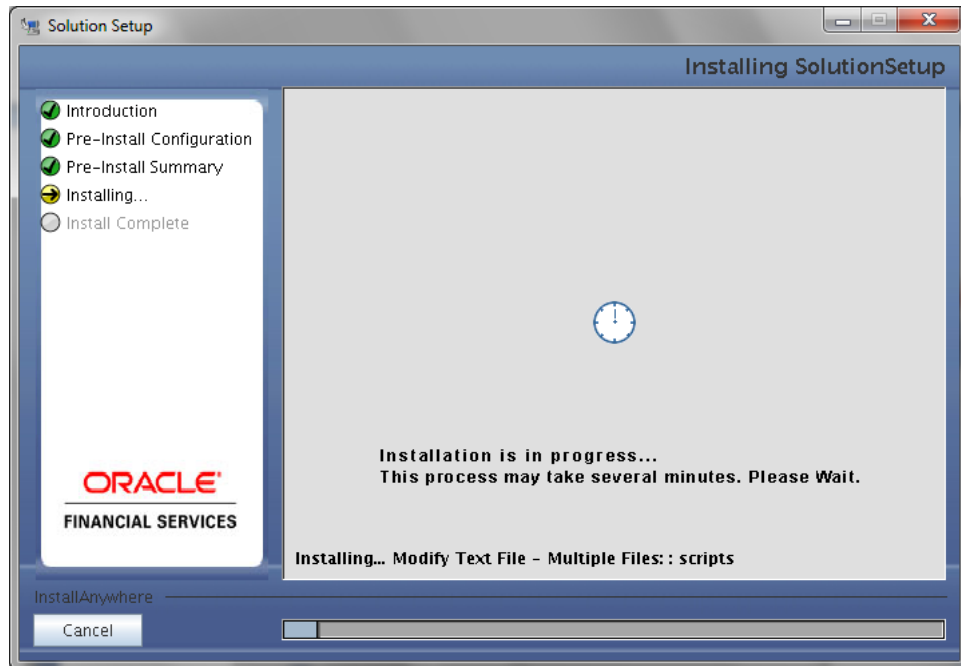The selected Languages are configured.

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5. This screen displays the pre-installation summary. Verify all details and click **Install** to proceed.
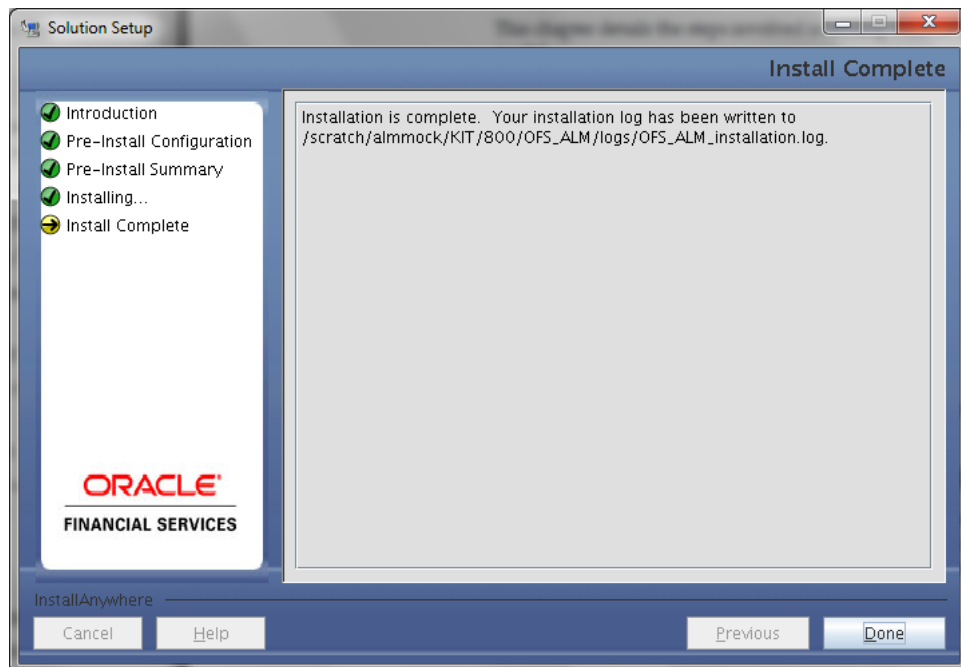

A confirmation message is displayed, click **Yes** to start the installation process.

6. This screen displays the installation process. The installation needs to be completed to proceed further.

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7. After the installation is complete the *Installation Complete* window is displayed.

8. Click **Done**.

1.2.2   Silent Mode Installation

To install Language Pack in Silent mode, follow below steps:

1. Modify the `OFS_ALM/conf/silent.template` file to specify the required Language Pack(s) to be installed and save as `silent.props` file. Set the value to **1** against the required language to install or 0 to skip installation of the language. You can also set the value **1** against multiple languages.

   For example:

   `LOCALE_FRENCH=1` to install French Language Pack.

   `LOCALE_GERMAN=1` to install German Language Pack.

   `LOCALE_CHINESE_SIM=0` to skip the installation of Simplified Chinese Language Pack.

   For information on Language Pack *Code* and its *Properties*, refer to the Supported Language Pack Details section.

1.3   Post Installation Configuration

Post successful installation of 8.0.0.0.0 (Language Pack), you need to perform the following configurations.

1.3.1   Run MLS Utility

- Execute the **MLS Utility**.

- Navigate to `$FIC_HOME/Post_AAI_Migration` directory.

- Execute the following command:
  `./aaipi.sh`

  For more information, contact Oracle Support.

NOTE: This step is required to be executed every time a new language is installed until the next release of OFSAAI Application Pack Language Pack is available.

1.3.2   OFSALMA (Oracle Financial Services Asset Liability Management Analytics) Language Pack Support

This section is applicable if you are installing this language pack on an OFS ALMBI Application Pack version 8.0.0.0.0.

Webcatalog Changes:

- Refer Language pack tabular sheet on how to configure and support ALMBI (Asset Liability Management Business Intelligence) Reports on multiple language packs.

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\multicolumn{5}{c}{Language pack tabular sheet}				
S.No	Language Pack	Java Locale Folder	Caption Folder ID	obiee - Select a language
1	Arabic	ar_EG	l_ar	عربية - Arabic
2	Simplified Chinese	zh_CN	l_zh-cn	中文 - Chinese
3	Traditional Chinese	zh_TW	l_zh-tw	中文繁體 - Chinese (Traditional)
4	French	fr_FR	l_fr	français
5	German	de_DE	l_de	Deutsch
6	Hebrew	iw_IL	l_he	עברית - Hebrew
7	Italian	it_IT	l_it	italiano
8	Japanese	ja_JP	l_ja	日本語 - nihongo
9	Korean	ko_KR	l_ko	한국어 - hangul
10	Portuguese	pt_BR	l_pt-br	Português (Brasil)
11	Russian	ru_RU	l_ru	Русский - russkij
12	Spanish	es_ES	l_es	Español
13	Thai	th_TH	l_th	ไทย
14	Turkish	tr_TR	l_tr	Türkçe
15	Vietnamese	vi_VN	l_vi	Tiếng Việt Nam
16	Indonesian	in_ID	l_id	Indonesian
17	French Canada	fr_CA	l_fr-ca	français (Canada)

- Copy obiee caption xml files available at $FIC_HOME/ALMBI/CAPTIONS/<Java Locale Folder> for a particular language pack selected during installation into the obiee deployment area available at

  <Oracle BI Instance Home>/bifoundation/OracleBIPresentationServicesComponent/coreapplication_obips1/msgdb/<Caption Folder ID>/captions/

- Note that Administrator has to create a folder structure as "msgdb/<Caption Folder ID>/captions/" as mentioned above if not physically available before placing the xml file(s).

- Restart OBIEE server.

  For more information contact Oracle Support.

NOTE: This step is required to be executed every time a new language is installed until the next release of OFS ALM Application Pack Language Pack is available.

RPD Changes:

Step1

1. Open ALMBI RPD in online mode.

2. Navigate to Manage -> Variables->Session->Initialization Blocks.

3. Navigate to External Metadata Strings on the RHS.Double click,check out and edit Data source.

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4. Click **Check Out** and edit Data Source.

5. Replace the **SELECT** query with the following. Click **Ok** and close the window.

```
SELECT message_id, message_text

FROM fsi_bi_messages_repository_mls

WHERE TRIM(language_id )= DECODE( 'VALUEOF(NQ_SESSION.LOCALE)' ,
'ar', 'ARA', 'en' , 'ENU', 'fr', 'FRA', 'de' , 'DEU', 'es',
'ESN', 'ja', 'JPN', 'pt-br', 'PTB', 'it', 'ITA', 'sv', 'SVE',
'da', 'DAN', 'nl', 'NLD', 'zh-cn' , 'CHS', 'zh-tw', 'CHT', 'he',
'HEB', 'ko', 'KOR', 'cs', 'CSY', 'fi' , 'FIN', 'el', 'ELL',
'pt', 'PTG', 'pl', 'POL', 'el','GRC', 'hu','HUN', 'ro','ROM',
'sk','SKY', 'fr-ca','FRC', 'en-ca','ENC', 'en-gb','ENG', 'en-
nl','ENN', 'en-ie','ENI', 'fr-ch','FRS', 'de-ch','DES', 'de-
at','DEA', 'fr-be','FRB', 'nl-be','NLB', 'tr','TRK', 'ru',
'RUS', 'th', 'THA', 'vi', 'VIT', 'id', 'IDN', 'ENU')
```

Step2

1. Right click subject areas **ALM BI** & **FTP BI** in the Presentation Layer and click Check Out button.

2. Navigate to Externalize Descriptions -> Generate Custom Description and click **Check Out** button.
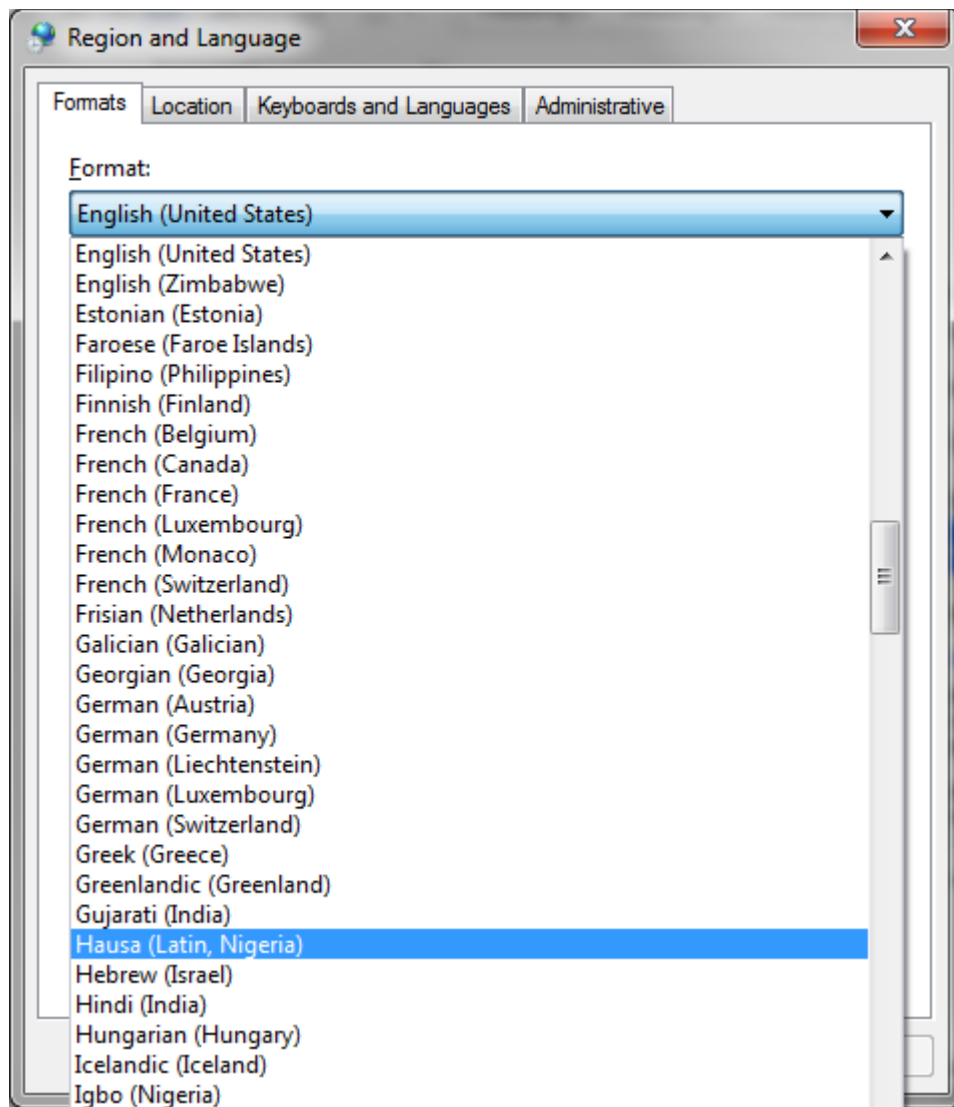
3. **Check in** the changes and save the RPD.

Step3

Login to ALMBI, reload files and meta data by navigating through Administration link and refresh cache.

1.4   User Desktop Settings

Post the successful installation of Language Pack, you need to configure the Operating System and Browser on every User Desktop, prior accessing the OFSAA application.

1. Navigate to *Start;* click *Control Panel* select *Regional and Language* Options.

2. Under the **Formats** tab, choose the required language from the drop-down list for Language for non-Unicode programs.
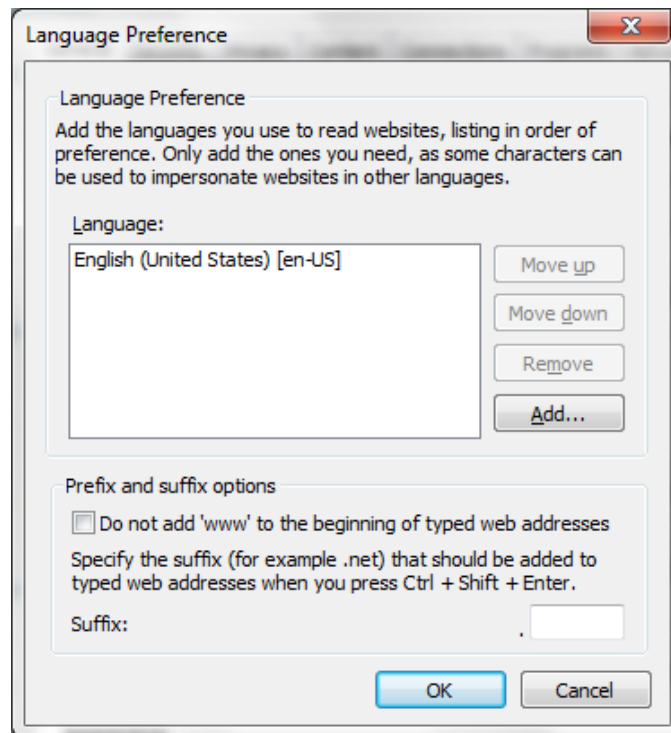
For information on Language Pack *Code* and its *Properties*, refer to Supported Language Pack Details section.
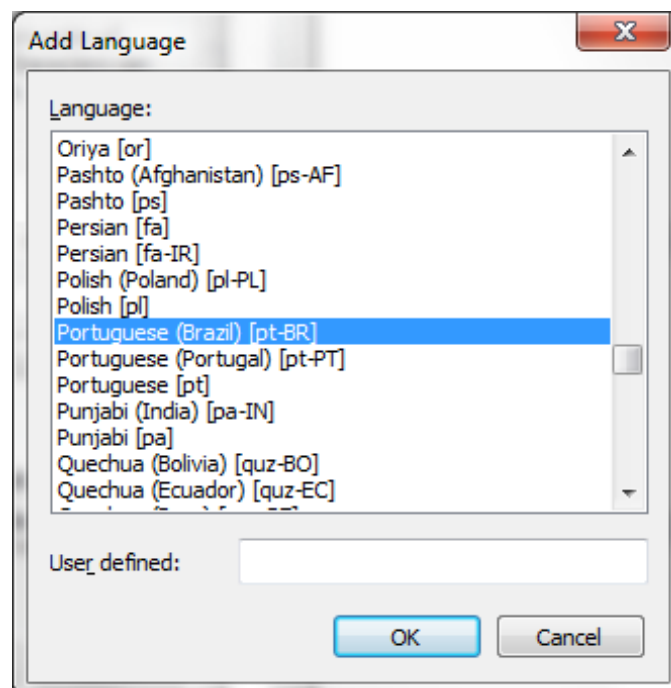
3. Click **Apply** and click **OK**.

To enable the settings in Browser (Internet Explorer), follow these steps:

1. Navigate to *Tools* > *Internet Options*.

2. Under the **General** tab, Click **Languages**. The *Language Preference* window is displayed.

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3. Click **Add**. The *Add Language* window is displayed.

4. Select the installed Language Pack from the list. You can press and hold **Ctrl** key for multiple selections. For information on Language Pack *Code* and its *Properties*, refer to section Supported Language Pack Details. Click **OK**.

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5. Click **OK** in the *Language Preference* window and again click **OK** in *Internet Options* window to save the settings and exit.

6. Restart the user machine for the above changes to take effect.

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2   References

This section of the document consists of information which is common to all the sections and are referenced where ever required. You can refer to the details based on your need.

2.1   Supported Language Pack Details

The following table lists all the supported Language Packs in OFSALM Application Language Pack 8.0.0.0.0 release along with their code and properties available for selection.

Sl. No.	Language Pack	Locale	Locale as displayed in "*Regional and Language Options*" list	Code	Properties 1 = Install 0 = Don't Install
1	Simplified Chinese	LOCALE_CHINESE_SIM	Chinese (PRC)	zh_CN	0 and 1
2	Traditional Chinese	LOCALE_CHINESE_TRAD	Chinese (Taiwan)	zh_TW	0 and 1
3	French	LOCALE_FRENCH	French (France)	fr_FR	0 and 1
4	German	LOCALE_GERMAN	German (Germany)	de_DE	0 and 1
5	Indonesian	LOCALE_INDONESIAN	Indonesian	id_ID	0 and 1
6	Italian	LOCALE_ITALIAN	Italian (Italy)	it_IT	0 and 1
7	Japanese	LOCALE_JAPANESE	Japanese	ja_JP	0 and 1
8	Korean	LOCALE_KOREAN	Korean	ko_KR	0 and 1
9	Portuguese	LOCALE_PORTUGUESE	Portuguese (Brazil)	pt_BR	0 and 1
10	Russian	LOCALE_RUSSIAN	Russian	ru_RU	0 and 1
11	Spanish	LOCALE_SPANISH	Spanish (Spain)	es_ES	0 and 1
12	Thai	LOCALE_THAI	Thai	th_TH	0 and 1
13	Vietnamese	LOCALE_VIETNAMESE	Vietnamese	vi_VN	0 and 1
14	French Canada	LOCALE_CANNDIAN FRENCH	French Canada	fr_CA	0 or 1
15	Arabic	LOCALE_ARABIC	Arabic	ar_EG	0 or 1
16	Hebrew	LOCALE_HEBREEW	Hebrew	iw_IL	0 or 1
17	Turkish	LOCALE_TURKISH	Turkish	tr_TR	0 or 1

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2.2   Configuration for GUI Mode Installation

To install OFS ALM Application Pack in GUI mode, you need to ensure the below software and configurations are available:

- Install and configure any PC X Server software such as Open Text Exceed (formerly Hummingbird Exceed) on the user desktop system from which the installation is triggered.

- Configure DISPLAY variable in the user .profile.

Ensure to set the DISPLAY variable (in user .profile) on the system on which OFSAA will be installed to point to the user desktop system where the PC X Server software has been installed.

Syntax:

```
export DISPLAY=hostname:n.n1
```

where hostname is the IP Address/ Host Name of the user desktop system and n is the sequence number (usually 0).

For example, `10.11.12.13:0.0` or `myhostname:0.0`

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