Oracle Financial Services Profitability Management Application Pack

Application Pack

Language Pack Installation & Configuration Guide

Version 8.0.0.0.0

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DOCUMENT CONTROL

Version Number	Revision Date	Changes Done
Version 1.0	May 2015	Created document to capture OFSPFT 8.0.0.0 (Language Pack) Maintenance Level Release patch update procedure.
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Executive Summary

This document includes the necessary instructions to install the OFS PFT Application Pack (Language 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 OFSPFT Application Pack (Language 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 OFSPFT 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*.

This document also guides you through the necessary steps to remove the installed Language Packs which are not required.

1.1 Pre Installation Requirements

- OFSPFT 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

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 **21782030** under the *Patches & Updates* tab.

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

3. Stop all the OFSAAI Services. For more information, refer to the *Start/Stop Infrastructure Services* section in Oracle Financial Services Profitability Management Application Pack Installation Guide Release 8.0.0.0.0 available at OTN library.

4. Stop all the OFSAA Services. For more information, refer to the *Start/Stop Infrastructure Services* section in Oracle Financial Services Profitability Management Application Pack Installation Guide Release 8.0.0.0.0 available at OTN library.

    ▪ 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 OFS PFT 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_PFT_8.0.0.0.0_LP_GENERIC.zip`

6. Grant permissions 755 for Installation and Download directory.

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7. Navigate to `OFS_PFT/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:

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

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

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

   Note the following:

   ▪ An Installation log is generated in the path `OFS_PFT/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 the *Appendix C* in the Oracle Financial Services Profitability Management Application Pack Installation Guide Release 8.0.0.0.0 available at OTN library.

11. Once the Language Pack has been installed successfully and post installation configurations are done, **restart** all the OFSAA services. For more information, refer to the *Appendix D* in the Oracle Financial Services Profitability Management Application Pack Installation Guide Release 8.0.0.0.0 available at OTN 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 these steps:

1. To begin Oracle Financial Services PFT Application Pack Language Pack installation, execute the `setup.sh` file with argument as `./setup.sh` **GUI**.

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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.

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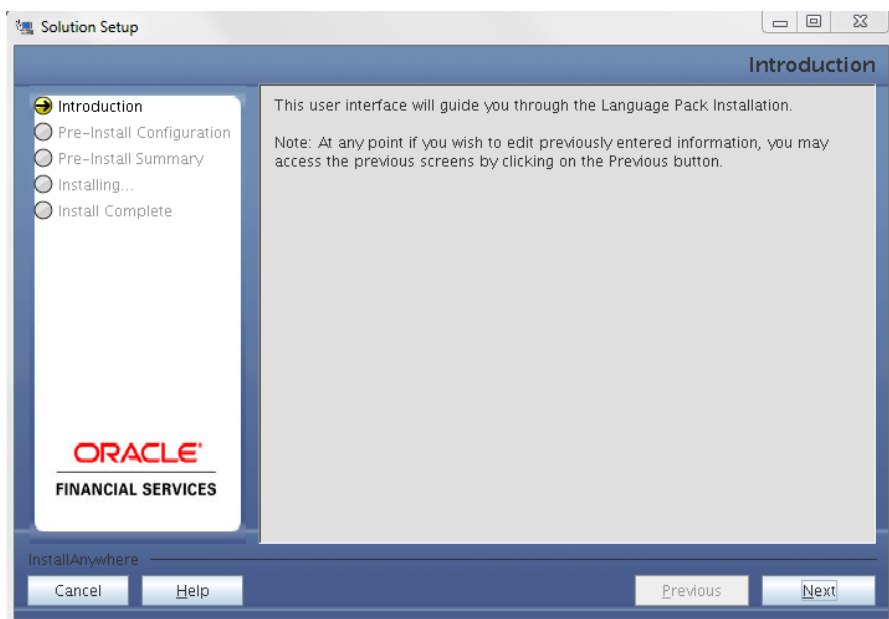
Click **Next**.

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.


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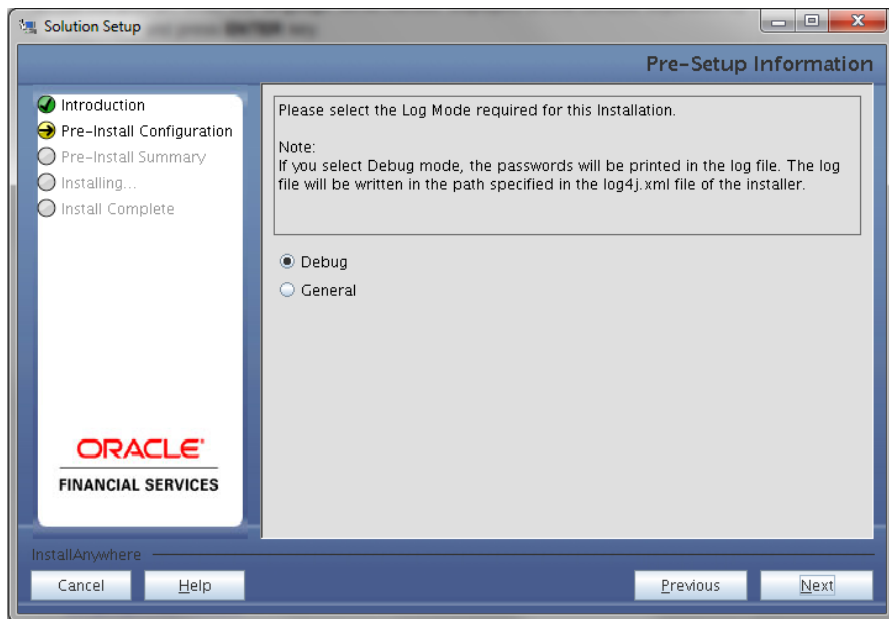
4. This screen displays the information on the list of languages to be installed. The LHS panel lists all the languages for which OFSPFT Language pack has been applied. Select the list of languages you wish to install and click **Next**.

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

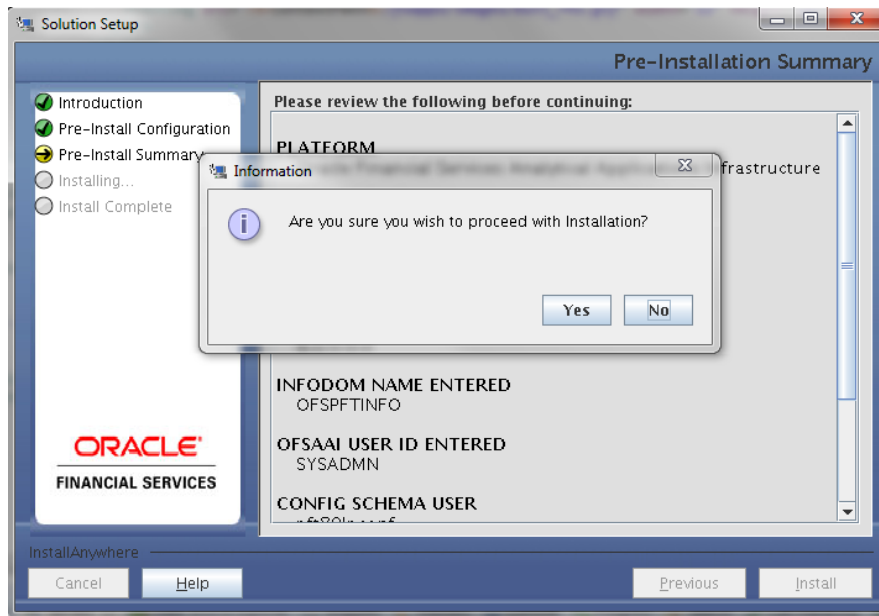For information on Language Pack *Code* and its *Properties*, refer to the Supported Language Pack Details section.
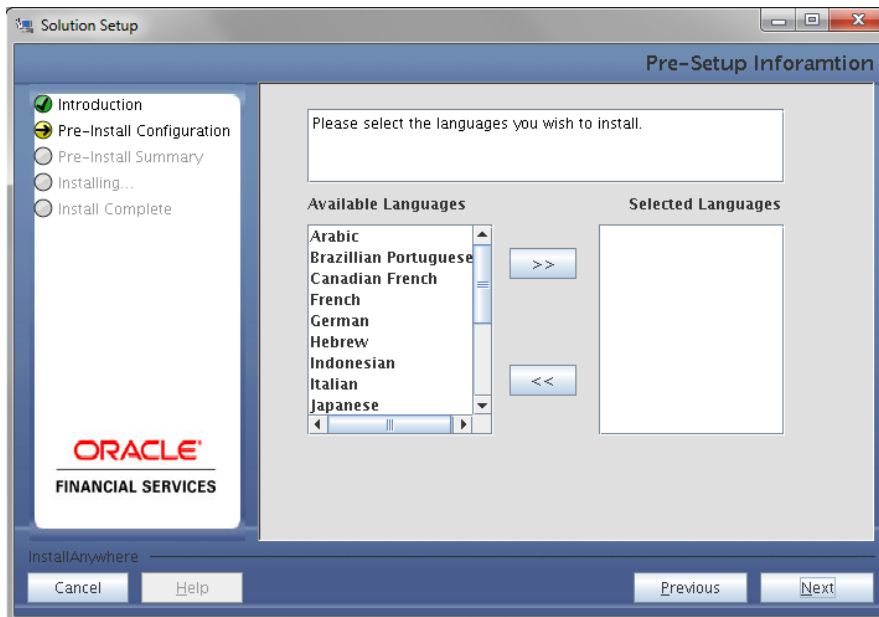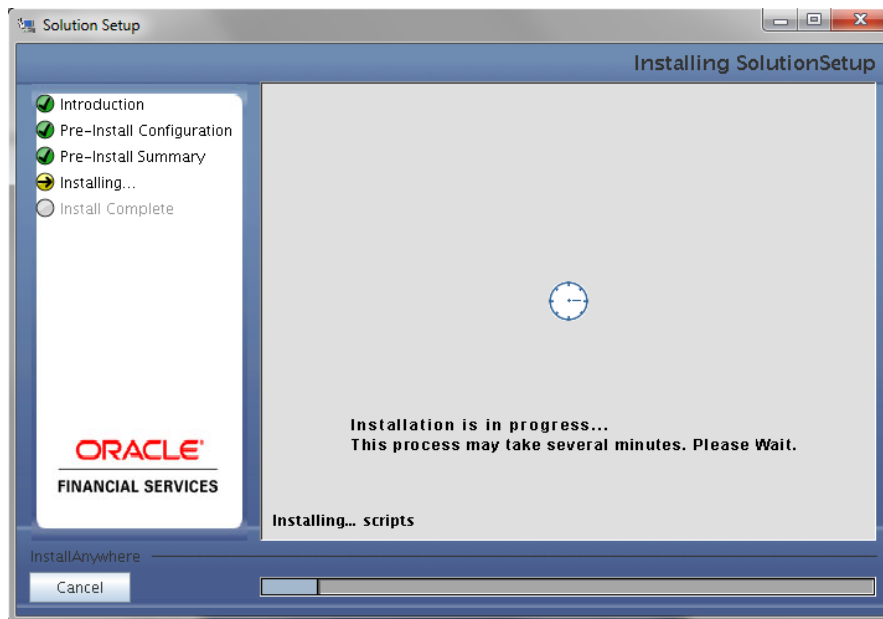

The selected Languages are configured.

.
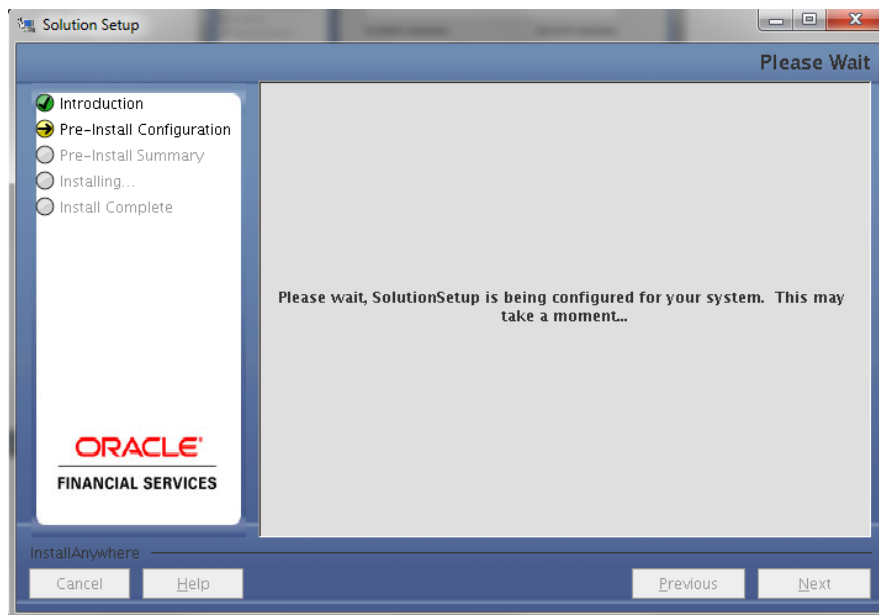
5. This screen displays the pre-installation summary. Verify all details and click **Install** to proceed.
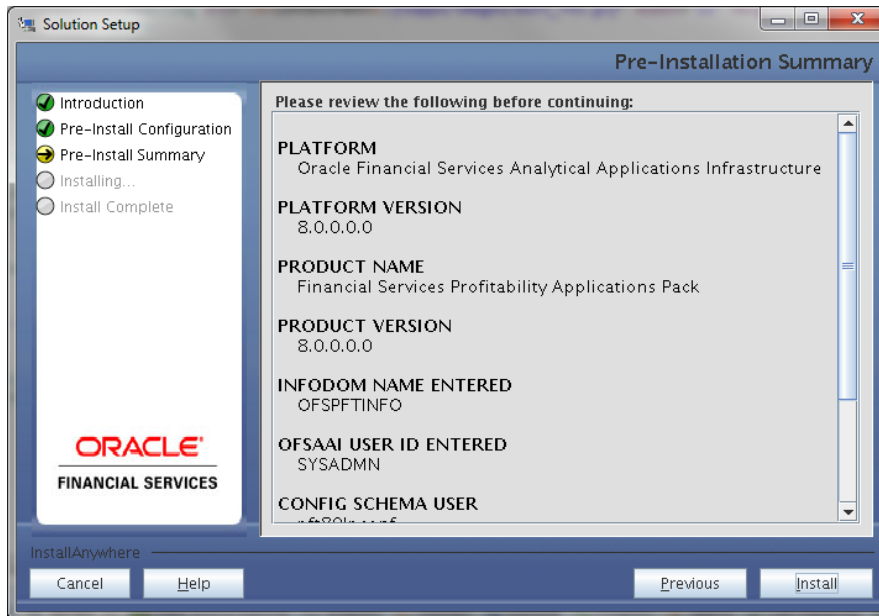
A confirmation message is displayed, click **Yes** to start the installation process.

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

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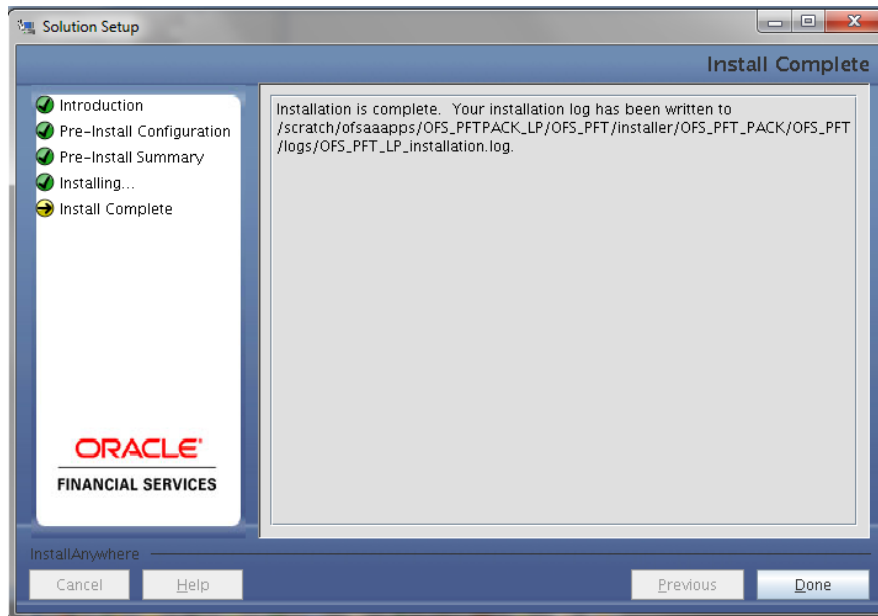
8. Click **Done**.

1.2.2 Silent Mode Installation

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

- Modify the OFS_PFT/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 OFS AAI Application Pack Language Pack is available.

### 1.3.2 RPD Configuration for Language Pack Implementation

Prerequisites:

In order to implement Language Pack successfully on RPD, it is required to have a Connection Pool that provides External Metadata Strings corresponding to the RPD of the product. In this illustration, the source is a physical database table by the name fsi_bi_messages_repository_mls with the relevant columns for the object id and object name as message_id, message_text respectively.

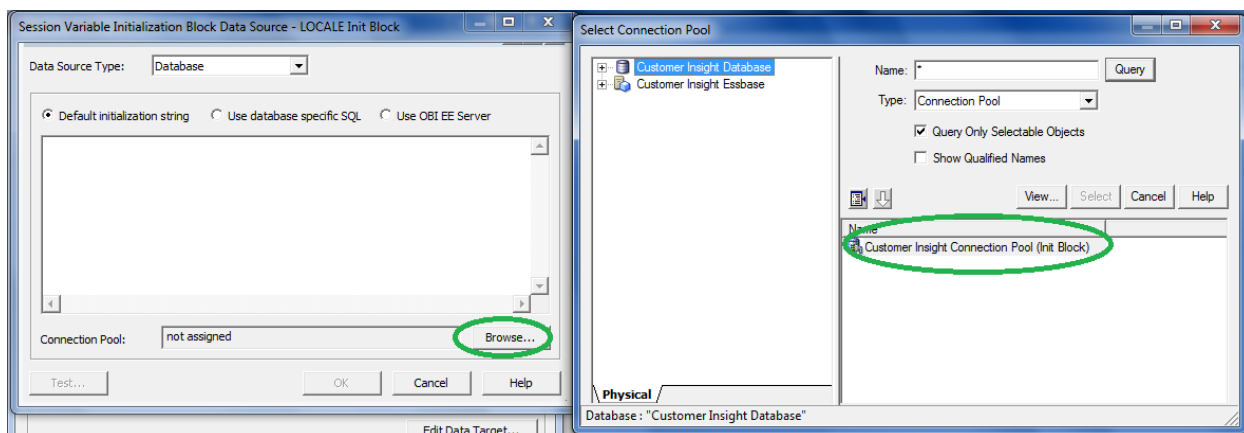1. Open the RPD and navigate to Manage -> Variables section
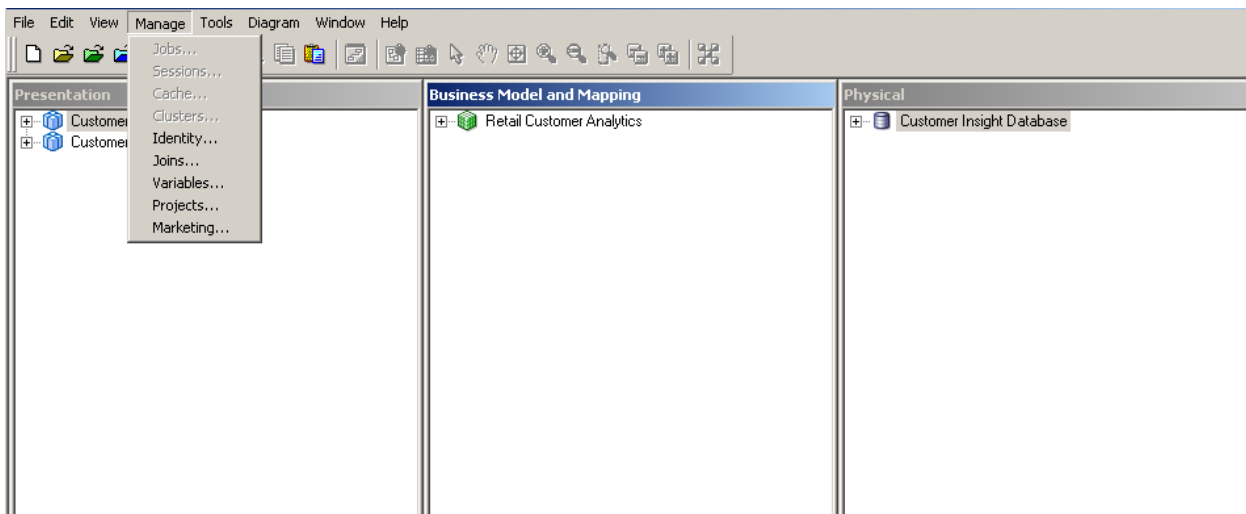
2. Create a new Session Initialization Block by the name Externalization_CI
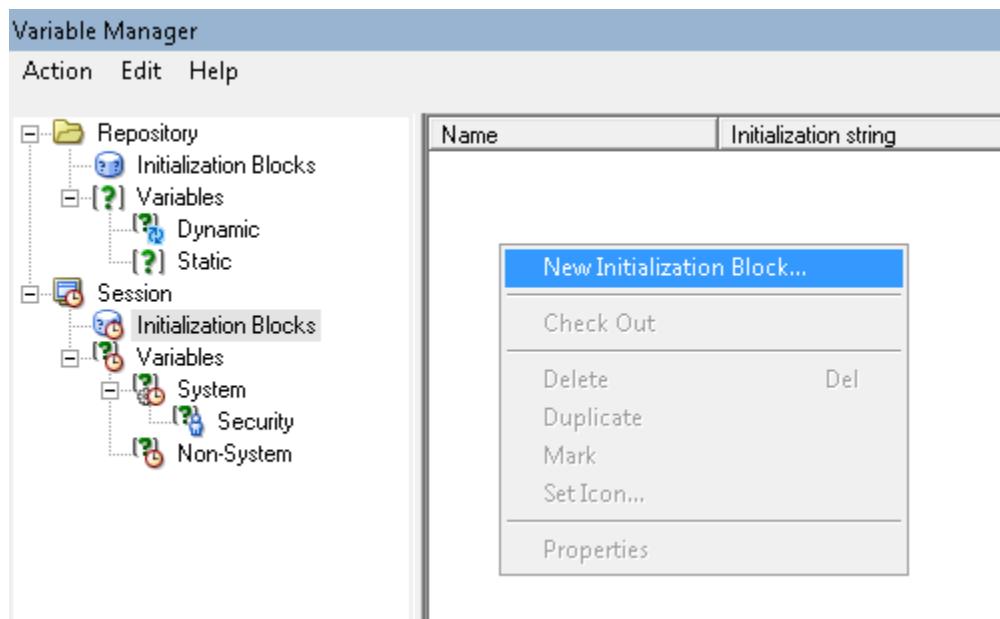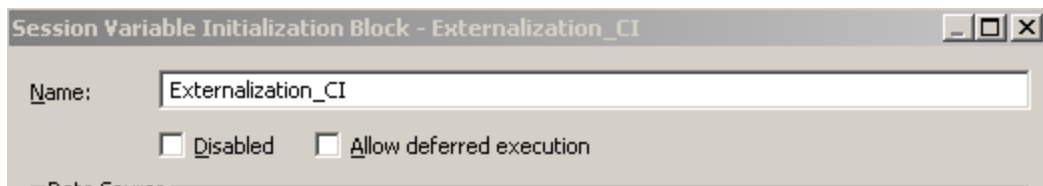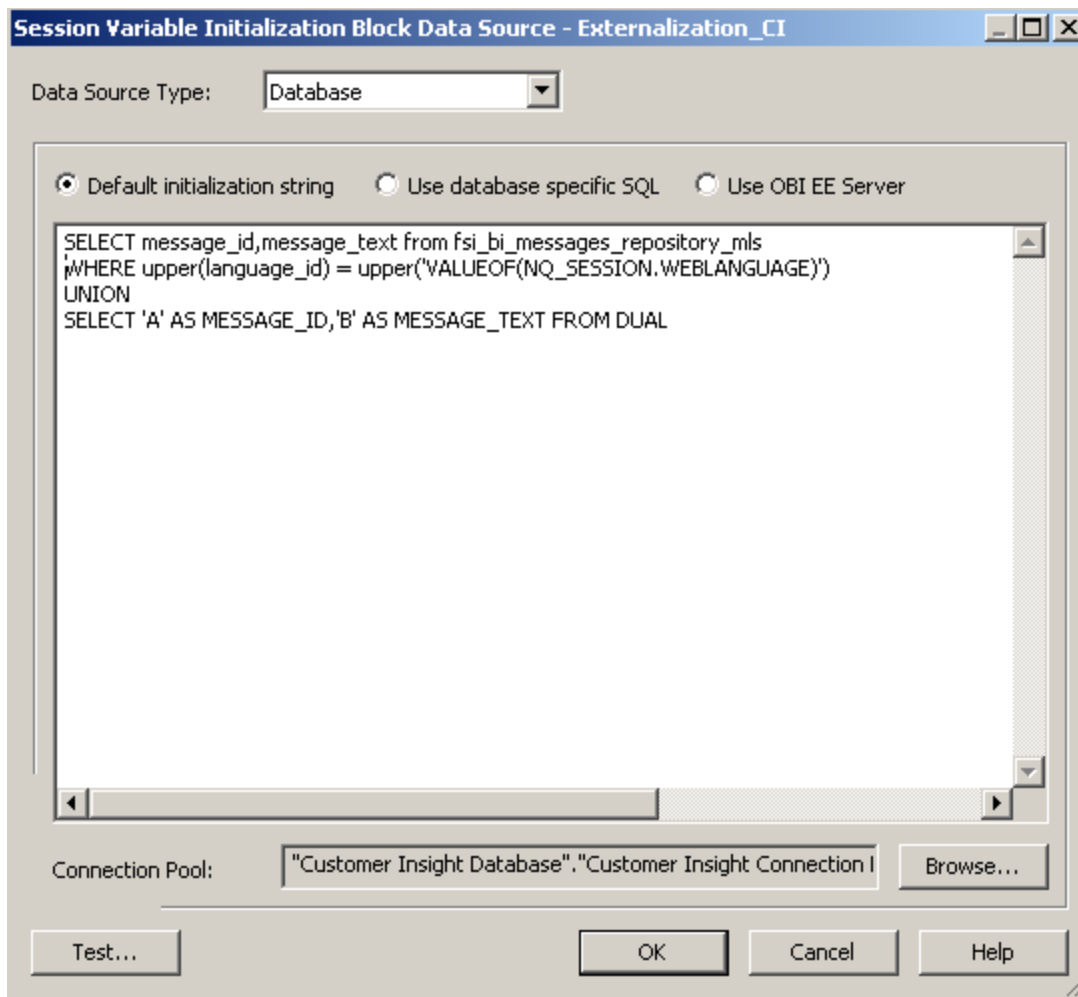
3. Add the connection pool (containing the External Metadata Strings) as a Data Source

And enter the following query as the default initialization string

SELECT message_id,message_text from fsi_bi_messages_repository_mls WHERE upper(language_id) = upper('VALUEOF(NQ_SESSION.WEBLANGUAGE)')
UNION
SELECT 'A' AS MESSAGE_ID,'B' AS MESSAGE_TEXT FROM DUAL

4. Edit Data Target and select Row-wise Initialization.
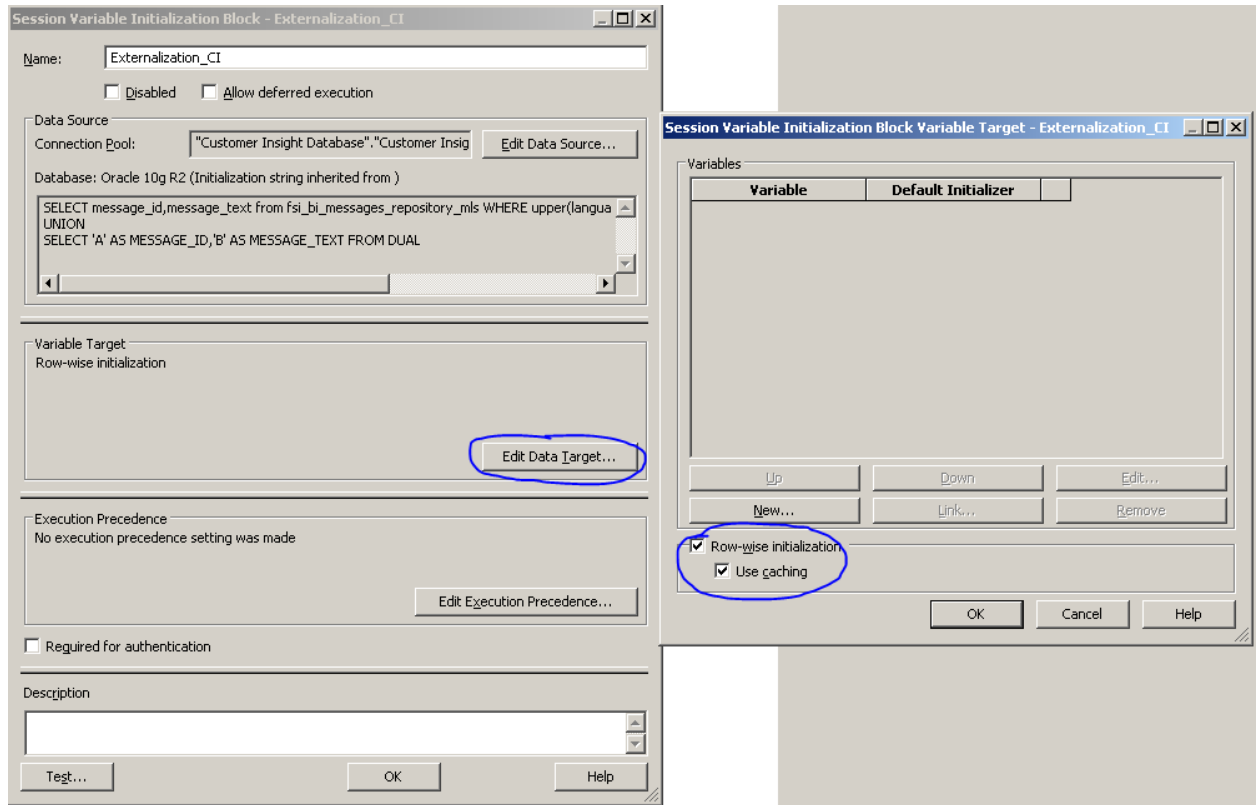
5. Right click on each Presentation Layer Subject Area and select Externalize Display Names ->
   Generate Custom Name.
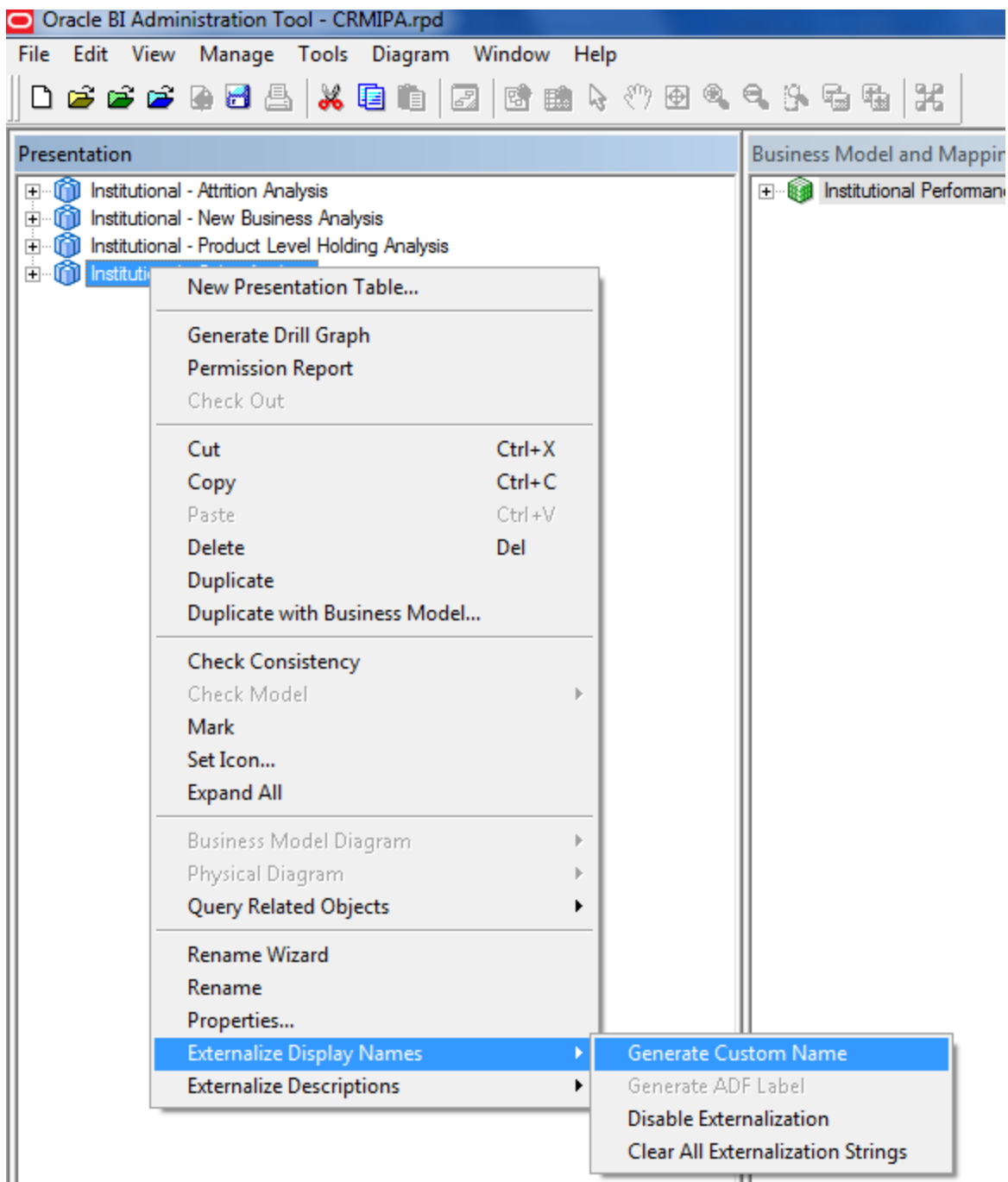
6. Check – in Changes and save RPD.

After login to Analytics with a language which is supported in fsi_bi_messages_repository_mls table, all the Presentation Layer Objects in the corresponding language will be visibale.

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1.3.3   CATALOG Configuration for Language Pack – OBIEE

Prerequisites:

It is required to have the "captions.xml" for the catalog captions in all the required languages prior to this process.

1. Navigate to the OBIEE folder :
   $ORACLE_INSTANCE/bifoundation/OracleBIPresentationServicesComponent/$COMPONENT_NA ME/msgdb/
2. Create a folder structure in the following manner for each of the languages (for example, 'fr' stands for French)
   /msgdb/l_fr/captions
3. Place the captions.xml corresponding to French Language in the "captions" folder in the above folder structure.
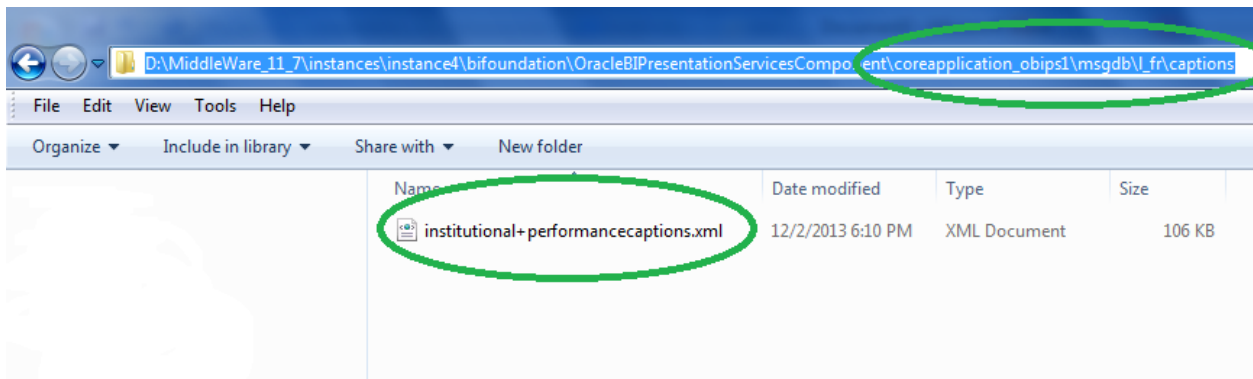
4. Restart Presentation Services in Enterprises Manager and login to analytics by selecting the language as French.
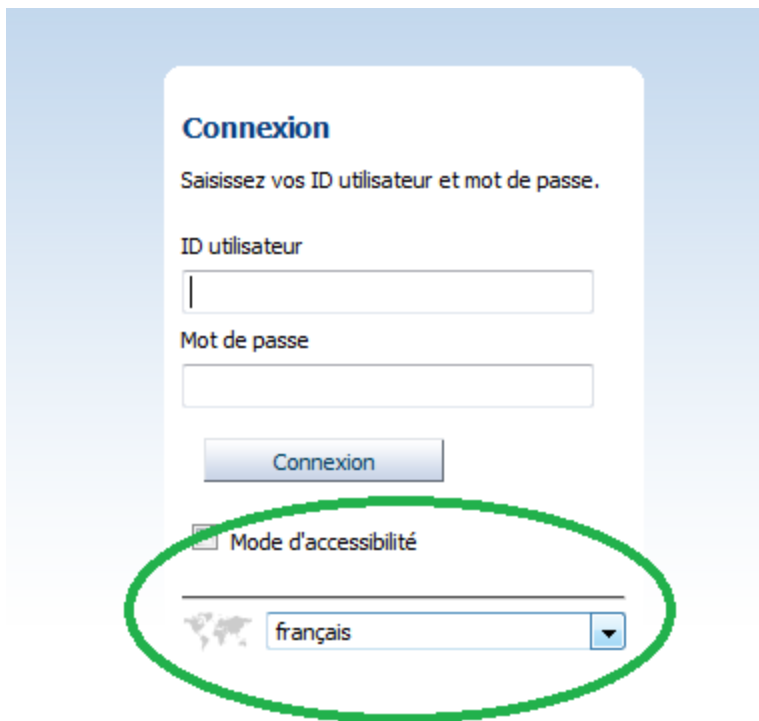
5. Verify that the captions are translated in the Dashboard Reports.

1.4 User Desktop Settings

Post 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.
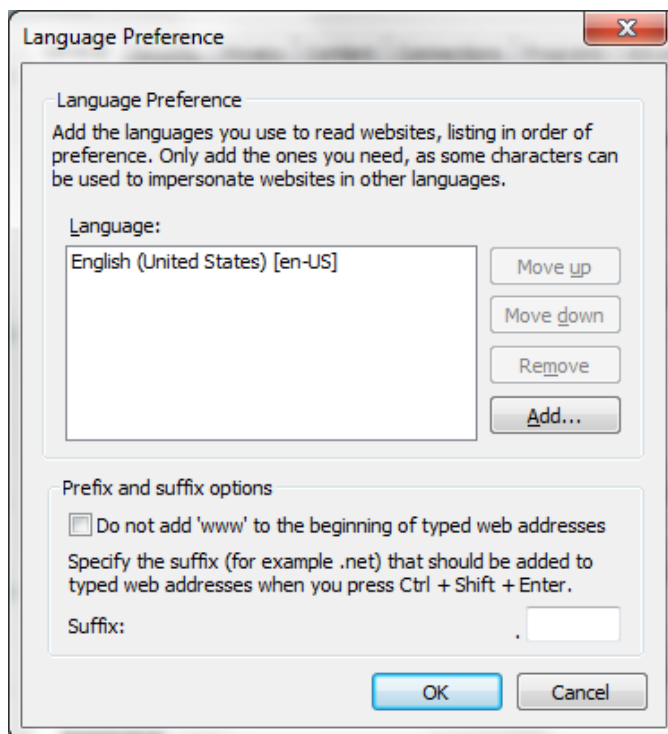
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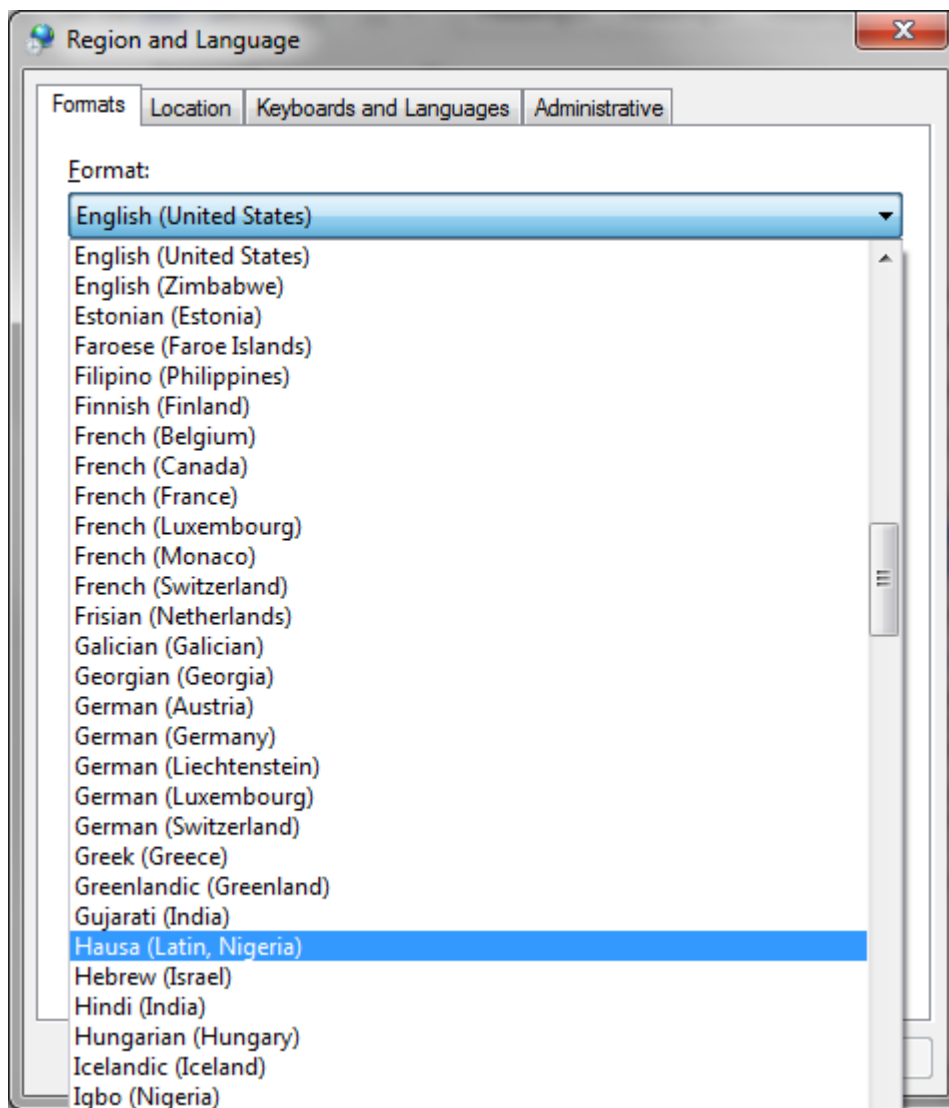
For information on Language Pack *Code* and its *Properties*, refer to Supported Language Pack Details section.
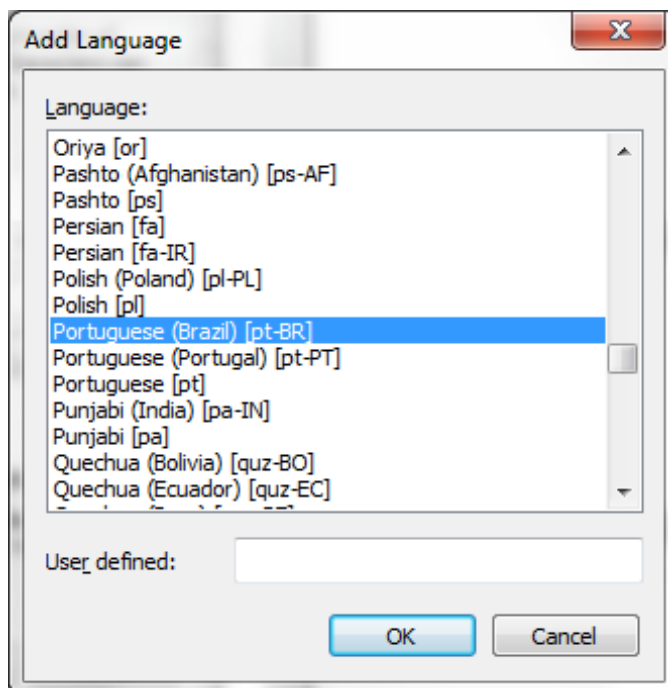
3. Click **Apply** and click **OK**.

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.

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**.

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 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 OFSPFT 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 PFT 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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