Oracle Financial Services Data Foundation 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	August 2015	Created document to capture OFSDF Language Pack Release 8.0.0.0.0 patch update procedure.
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Executive Summary

This document includes the necessary instructions to install the OFSDF Language Pack 8.0.0.0.0 and perform the required post update configurations. You can request for the latest copy of this document by raising a service request on the support portal.

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1   OFS Data Foundation Language Pack Release 8.0.0.0.0

This document describes the necessary steps to install and configure Oracle Financial Services Data Foundation (OFSDF) Language Pack 8.0.0.0.0, and enable the UI of OFSDF 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

- OFSDF 8.0.0.0.0 has to be successfully installed before proceeding with this installation.

- Ensure that English (US) locale based on utf8 encoding is available in the server.

    To check the installed locale, execute the following command:

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

    Based on the operating system, the command output will be as follows:

    - Linux: `en_US.utf8`
    - AIX: `EN_US.UTF-8`
    - Solaris: `en_US.UTF-8`

1.1.1 Additional Information

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

OFSAAI 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
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

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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 **21244711** under the *Patches & Updates* tab.

2. Download the OFSDF Language Pack 8.0.0.0.0 Release #1 archive file from MOS and copy it to your OFSAA server in **Binary** mode.

    NOTE: The archive files are different for every operating system like AIX, Solaris, and Oracle Linux.

3. Stop all the OFSAAI Services. For more information, refer to the *Start/Stop Infrastructure Services* section in Oracle Financial Services Data Foundation Installation Manual Release 8.0 Java 7 and Java 8 available at OTN library.

4. If you have Unzip utility, skip to the next step. Download the Unzip utility (OS specific) `unzip_<os>.Z` from the location https://updates.oracle.com/unzips/unzips.html 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 language pack archive file.

    ▪ 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 OFSDF 8.0.0.0.0 LP archive file using the following command:

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

    For example, `unzip OFS_BFND_8.0.0.0.0_LP_GENERIC.zip`

6. Grant permissions 755 to Installation and Download directory, using the below command:

    `chmod -R 755 OFS_BFND`

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7. Navigate to `OFS_BFND/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 Hummingbird Exceed to be running to bring up the installation Wizard/Panel. In GUI mode of installation, you need to enter the Installation parameters through the wizard. For more information, refer GUI Mode Installation section.

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

   > **NOTE:**   Rename the file `Silent.template` in the installer, as `Silent.props`

   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_BFND/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 OFSDF Language Pack 8.0.0.0.0, you need to do the following configurations which are 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 *Post Installation Configuration* section in the Oracle Financial Services Data Foundation Installation Manual Release 8.0 Java 7 and Java 8 available at OTN library.

11. Once the OFSDF Language Pack 8.0.0.0.0 has been installed successfully and post installation configurations are done, **restart** all the OFSAAI services. For more information, refer to the *Start/Stop Infrastructure Services* section in the Oracle Financial Services Data Foundation Installation Manual Release 8.0 Java 7 and Java 8 available at OTN library.

1.2.1 GUI Mode Installation

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

To install OFSDF Language Pack 8.0.0.0.0 in GUI mode, follow these steps:

1. Execute the `setup.sh` file with argument as:

   `./setup.sh` **GUI**

   ```
   /scratch/ofsaaapp12/kit/lp/OFS_OIDF/bin>ls
   installer.properties  Setup.bin  setup.sh
   /scratch/ofsaaapp12/kit/lp/OFS_OIDF/bin>./setup.sh GUI
   Environment check utility started...
   ==========================================================
   Java Validation Started ...
    Java found in : /scratch/jdk1.7.0_55/bin
    JAVA Version found : 1.7.0_55
    JAVA Bit Version found : 64-bit
   Java Validation Completed. Status : SUCCESS
   ==========================================================
   Environment Variables Validation Started ...
    ORACLE_HOME : /scratch/oracle/ora12c_client/app/oracle/product/12.1.0/client_1
    TNS_ADMIN : /scratch/oracle/ora12c_client/app/oracle/product/12.1.0/client_1/network/admin
   Environment Variables Validation Completed. Status : SUCCESS
   ==========================================================
   OS specific Validation Started ...
    Checking en_US.utf8 locale. Status : SUCCESS
    Unix shell found : /bin/ksh. Status : SUCCESS
    Total file descriptors : 15000. Status : SUCCESS
    Total number of process : 91699. Status : SUCCESS
    OS version : 5. Status : SUCCESS
   OS specific Validation Completed. Status : SUCCESS
   ==========================================================
   DB specific Validation Started ...
    Oracle Client version : 12.1.0.2.0. Status : SUCCESS
    CREATE SESSION has been granted to user. Status : SUCCESS
    CREATE PROCEDURE has been granted to user. Status : SUCCESS
    CREATE VIEW has been granted to user. Status : SUCCESS
    CREATE TRIGGER has been granted to user. Status : SUCCESS
    CREATE MATERIALIZED VIEW has been granted to user. Status : SUCCESS
    CREATE TABLE has been granted to user. Status : SUCCESS
    CREATE SEQUENCE has been granted to user. Status : SUCCESS
    SELECT privilege is granted for V_$nls_parameters view. Current value : SELECT. Status : SUCCESS
    NLS_LENGTH_SEMANTICS : BYTE. Current value : BYTE. Status : SUCCESS
    NLS_CHARACTERSET : AL32UTF8. Current value : AL32UTF8. Status : SUCCESS
    SELECT privilege is granted for V_$parameter view. Current value : SELECT. Status : SUCCESS
    Open cursor value is greater than 1000. Current value : 1000. Status : SUCCESS
    SELECT privilege is granted for USER_TS_QUOTAS view. Current value : SELECT. Status : SUCCESS
    Schema is granted with at least 500 MB table space. Current value : 500 MB. Status : SUCCESS
    ORACLE DB Version should be 11.2.0.3.0 or above. Current value : 11.2.0.2.0.
   DB specific Validation Completed. Status : SUCCESS
   ==========================================================
   Environment check utility Status : SUCCESS
   ==========================================================
   Preparing to install...
   Extracting the installation resources from the installer archive...
   Configuring the installer for this system's environment...

   Launching installer...
   ```
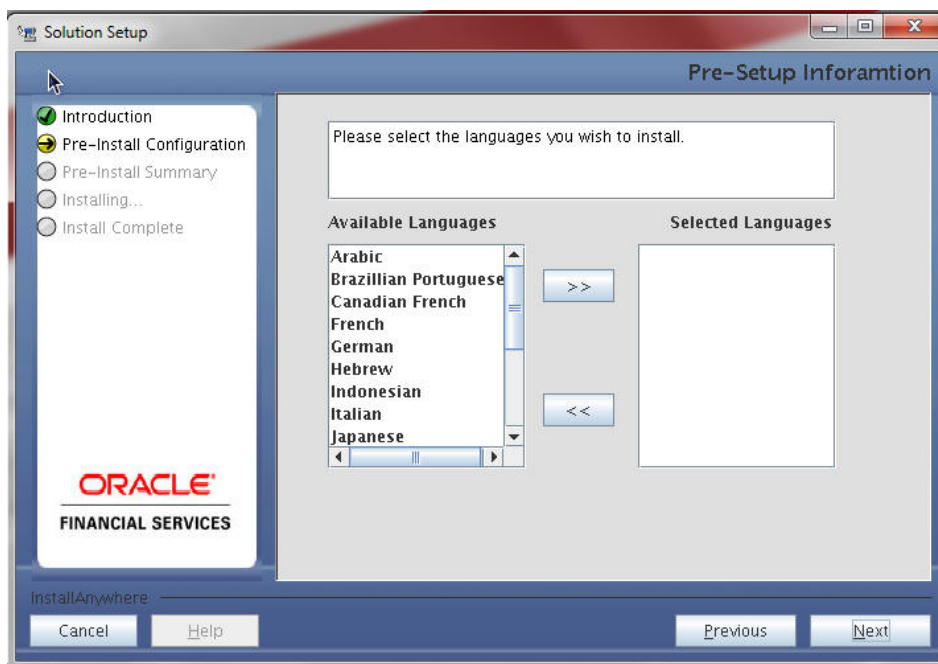
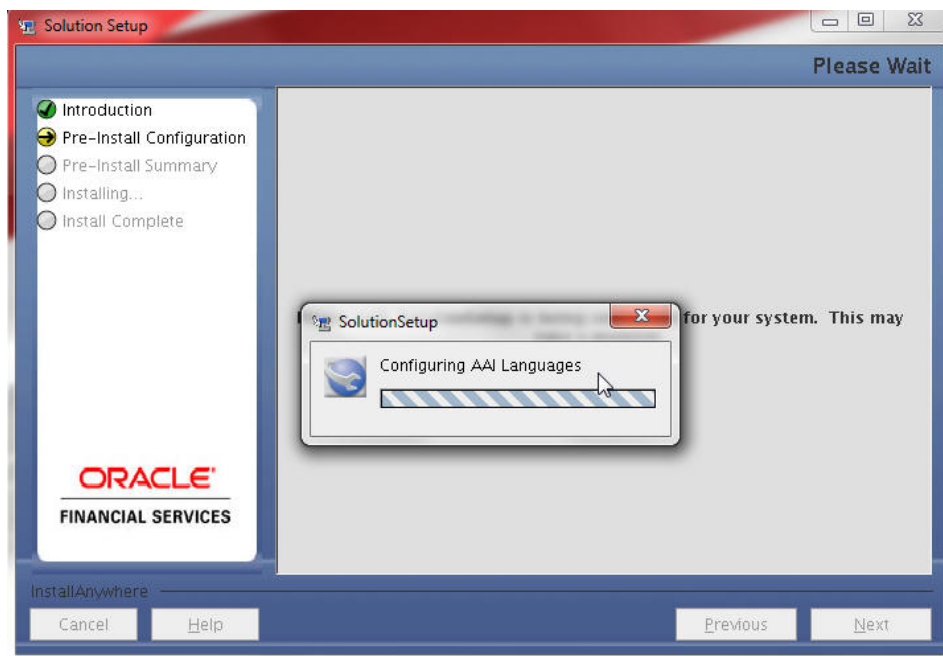   After initialization, the *Introduction* screen is displayed.

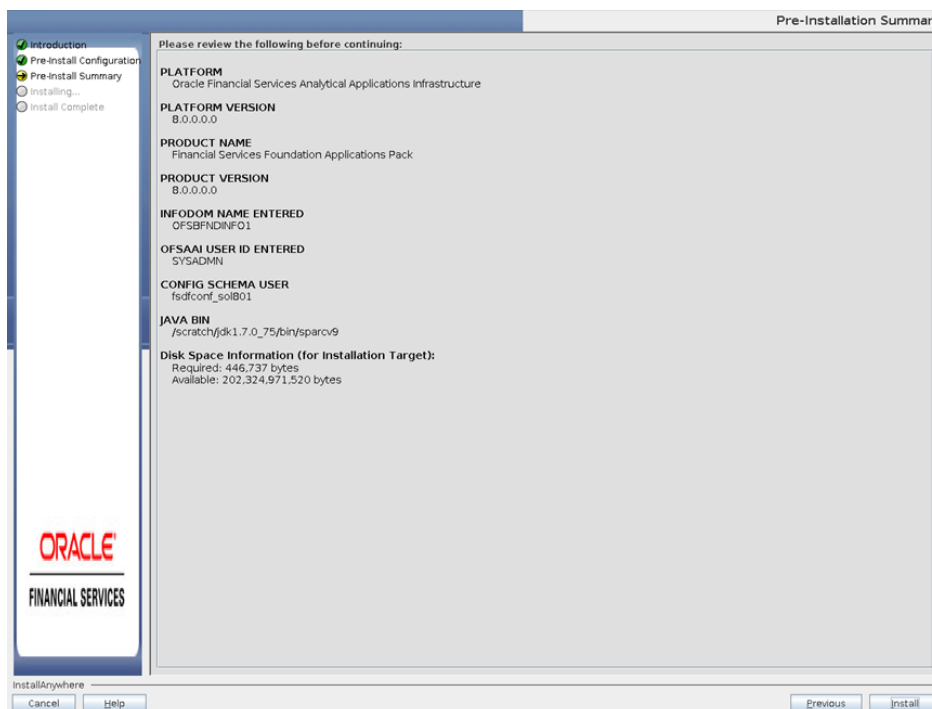**ORACLE**®
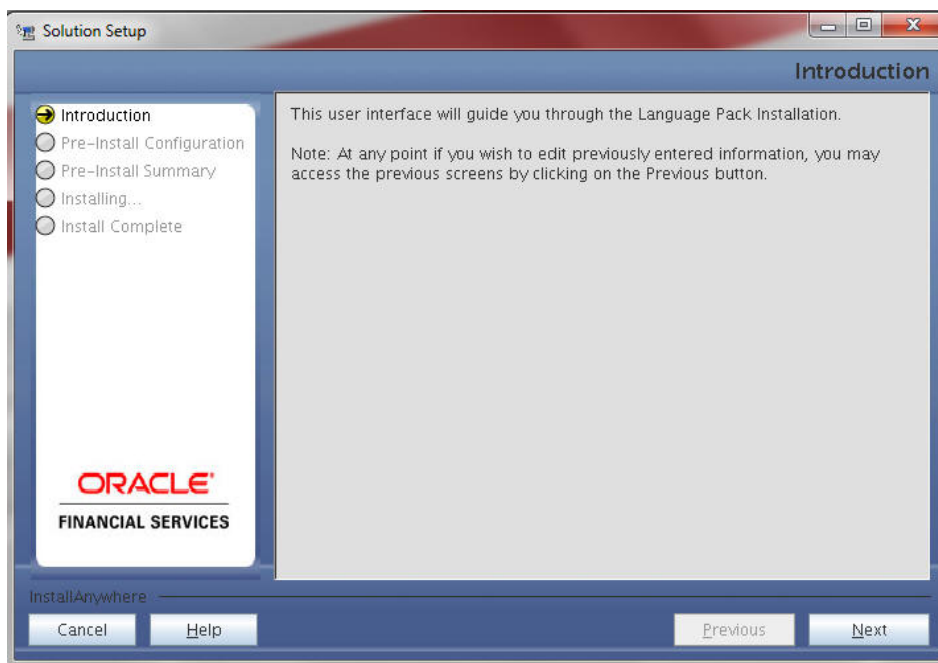
2. Click **Next**.

3. Select the languages you want to install and click **Next**. For information on Language Pack *Code* and its *Properties*, refer to the Supported Language Pack Details section.
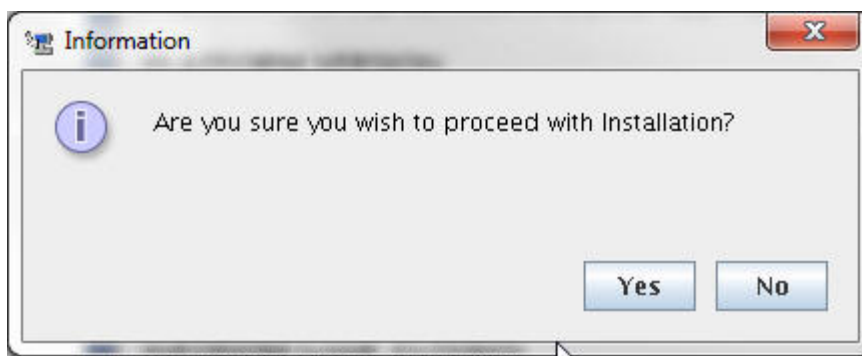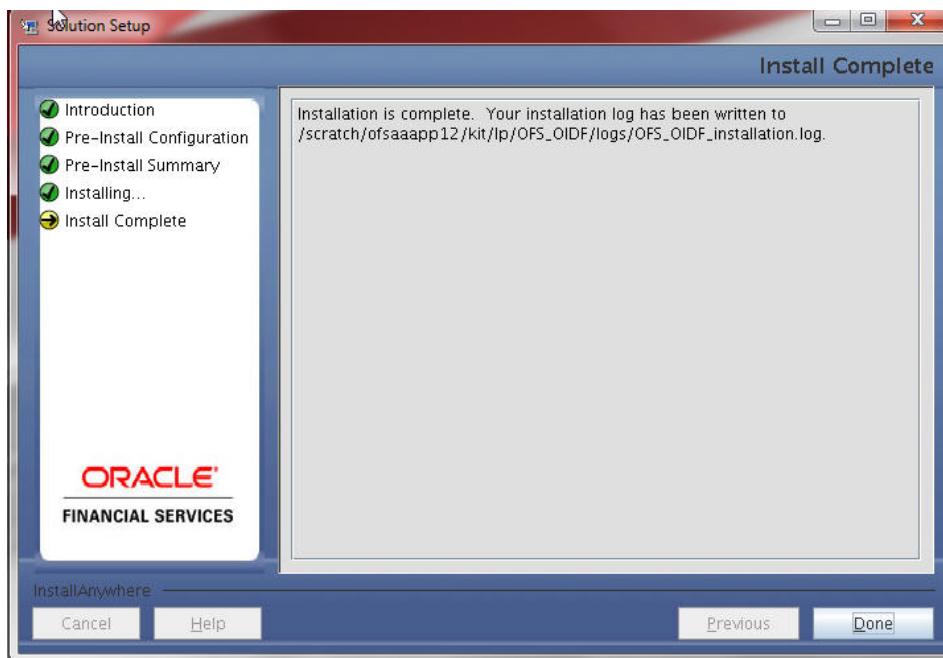
The selected Languages are configured.

4. Click **Install**.

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

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

6. Click **Done**.

1.2.2 Silent Mode Installation

To install OFSDF Language Pack 8.0.0.0.0 in Silent mode:

▪ Modify the `OFS_BFND/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 desired 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 OFSDF Language Pack 8.0.0.0.0, you need to perform the following configurations.

1.3.1   Run MLS Utility

This section is applicable if you are installing this language pack on an OFSDF Application Pack version later than 8.0.0.0.0.

- 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 OFSDF language pack is available.

1.4   User Desktop Settings

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

1. Follow these steps to enable the settings in Operating System level.

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

   - Under the **Advanced** tab, choose the desired language from the drop-down list for **Language for non-Unicode programs**.
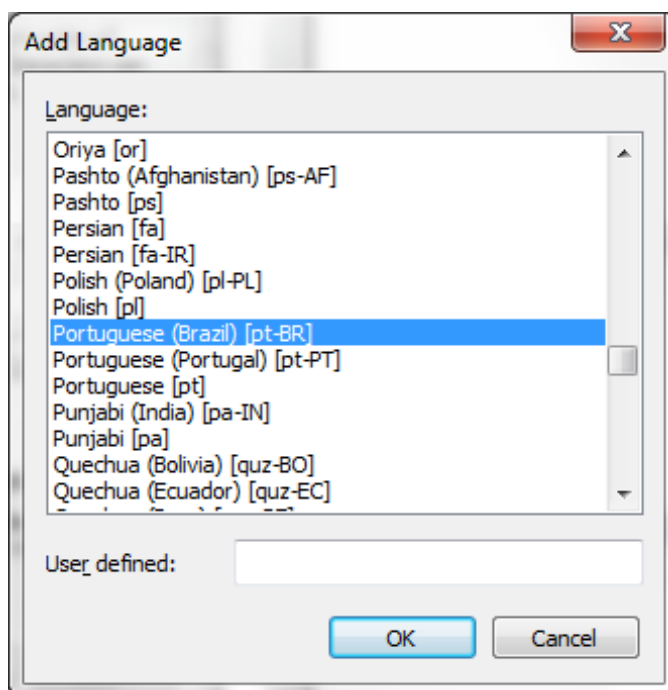
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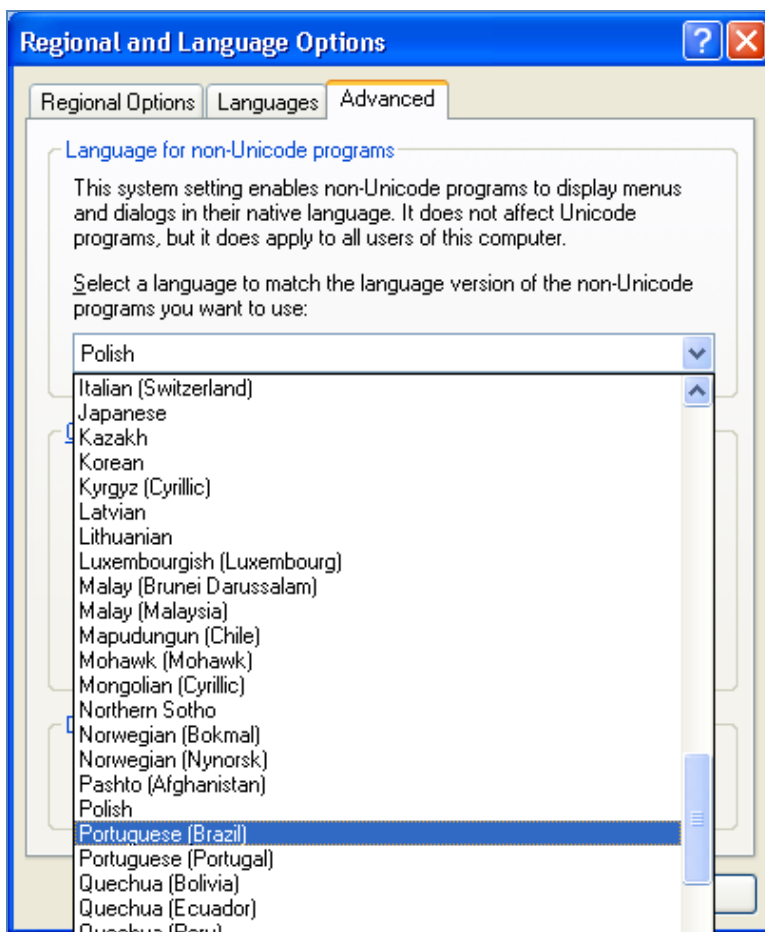
For information on Language Pack *Code* and its *Properties*, refer to Supported Language Pack Details section.

▪ Click **Apply** and click **OK**.

2. Follow these steps to enable the settings in Browser (Internet Explorer).

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

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

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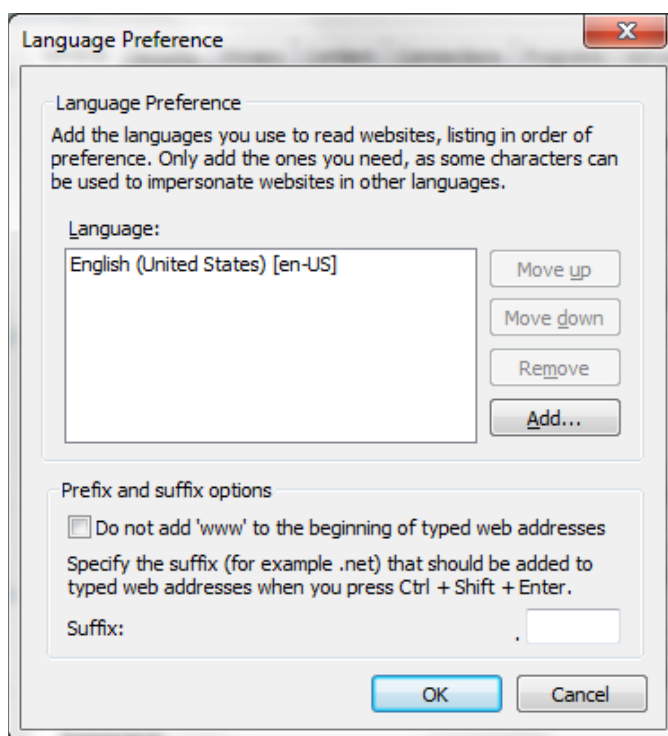
- Click **Add**. The *Add Language* window is displayed.

- 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**.

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

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

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 OFSDF 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 or 1
2	Traditional Chinese	LOCALE_CHINESE_TRAD	Chinese (Taiwan)	zh_TW	0 or 1
3	French	LOCALE_FRENCH	French (France)	fr_FR	0 or 1
4	German	LOCALE_GERMAN	German (Germany)	de_DE	0 or 1
5	Indonesian	LOCALE_INDONESIAN	Indonesian	id_ID	0 or 1
6	Italian	LOCALE_ITALIAN	Italian (Italy)	it_IT	0 or 1
7	Japanese	LOCALE_JAPANESE	Japanese	ja_JP	0 or 1
8	Korean	LOCALE_KOREAN	Korean	ko_KR	0 or 1
9	Portuguese	LOCALE_PORTUGUESE	Portuguese (Brazil)	pt_BR	0 or 1
10	Russian	LOCALE_RUSSIAN	Russian	ru_RU	0 or 1
11	Spanish	LOCALE_SPANISH	Spanish (Spain)	es_ES	0 or 1
12	Thai	LOCALE_THAI	Thai	th_TH	0 or 1
13	Vietnamese	LOCALE_VIETNAMESE	Vietnamese	vi_VN	0 or 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 OFSDF 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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