Oracle Financial Services Treasury Risk 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	December 2015	Created document to capture OFS TR 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 Oracle Financial Services Treasury Risk (OFS TR) application pack 8.0.0.0.0 (Language Pack) and perform the required post update configurations. The latest copy of this guide can be accessed from OTN Library.

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1   OFS TR Release 8.0.0.0.0 (Language Pack)

This document describes the necessary steps to install and configure 8.0.0.0.0 (Language Pack), and enable the UI of OFS TR 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, Canadian French, Arabic, Hebrew, Turkish,* and *Vietnamese*.

1.1   Pre Installation Requirements

- OFS TR 8.0.0.0.0 has to be successfully installed before proceeding with this installation.
- Ensure to install one-off patch 21422713_GENERIC.zip and 21435028 before proceeding with this TR pack 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

- As OFS TR pack does not provide multi-locale support, it is recommended to take a back of the following OFS LRM and MR tables:

  OFS LRM Tables:

  - DIM_ACCT_STATUS
  - DIM_BANDS
  - DIM_BOOLEAN_FLAGS
  - DIM_CAPITAL_COMP_GROUP
  - DIM_CASH_FLOW_TYPE
  - DIM_COUNTRY
  - DIM_CREDIT_STATUS
  - DIM_CURRENCY
  - DIM_ENCUMBRANCE_STATUS
  - DIM_HOLDING_TYPE
  - DIM_INSUR_SCHE_COVER_TYPE
  - DIM_INTEREST_TYPE

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- DIM_LCR_OPTION

- DIM_RESULT_BUCKET

- DIM_STANDARD_PARTY_TYPE

- DIM_STANDARD_PRODUCT_TYPE

- FSI_TIME_BUCKET_MASTER

- BATCH_MASTER

- BATCH_TASK_MASTER

OFS MR Tables:

- DIM_INSTRUMENT_TYPE

- DIM_MR_ASSET_CLASS

- DIM_RUN_TYPE

- RATING_CODE_MASTER

- RATING_SRC_MASTER

- SETUP_TIME_VERTICES

1.1.1 Additional Information

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

OFS AAAI 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 TR Pack Version	Patches/ Instructions
8.0.0.0.0	Download and install patch for Bug # **21435028**: LRM 8.0.0.0 LANGUAGE PACK ONE -OFF

1.2   How to Apply this Language Pack Release?

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

1. Login to https://support.oracle.com/ and search for **21339329** under the *Patches & Updates* tab.

2. Download the Oracle Financial Services TR 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 OFSAA Services. For more information, refer to the *Start/Stop Infrastructure Services* section in OFS TR 8.0.0.0.0 Installation Guide 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 OFS TR Application Pack Language Pack 8.0.0.0.0 archive file using the following command:

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

   For example, `unzip OFS_TR_8.0.0.0.0_LP_GENERIC.zip`

6. Grant permissions 755 for Installation and Download directory.

7. Navigate to `OFS_TR/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_TR/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_TR/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 OFS TR 8.0.0.0.0 Installation Guide 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* section in the OFS TR 8.0.0.0.0 Installation Guide available at OTN library.

1.2.1 GUI Mode Installation

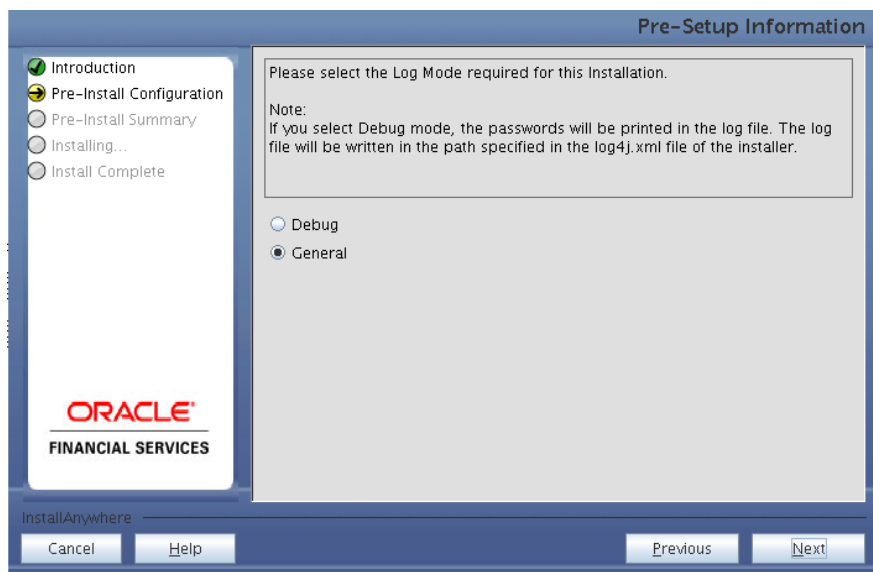In GUI mode of installation, you can to enter the Installation parameters through the wizard.

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

1. Execute the `setup.sh` file with argument as `./setup.sh` **GUI**.

    After initialization, the *Introduction* screen is displayed.

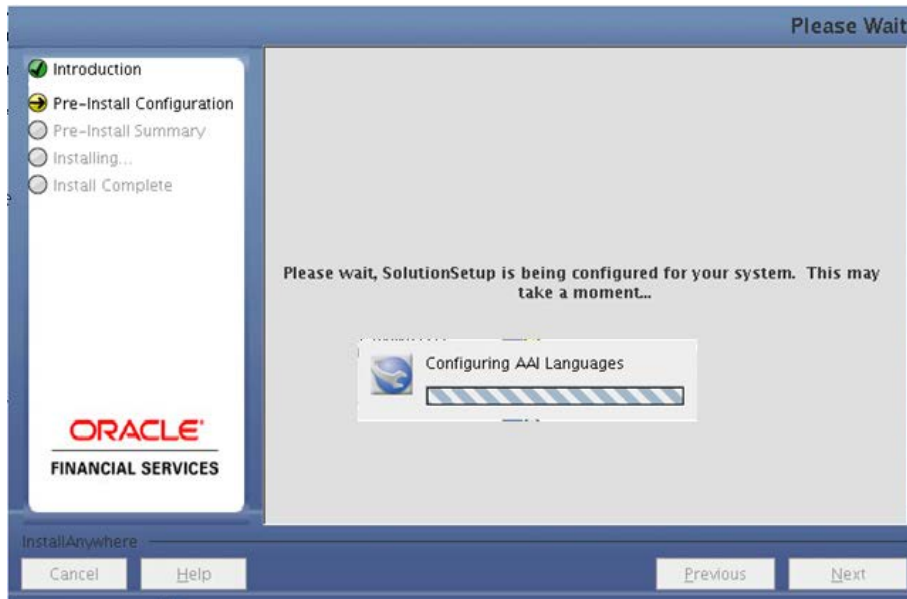2. Click **Next**, the Pre-Setup Information is displayed.

3. Select **General** and click **Next**

4. 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.

    Note: As OFS TR pack does not provide multi-locale support, you are allowed to select only one language at a time.
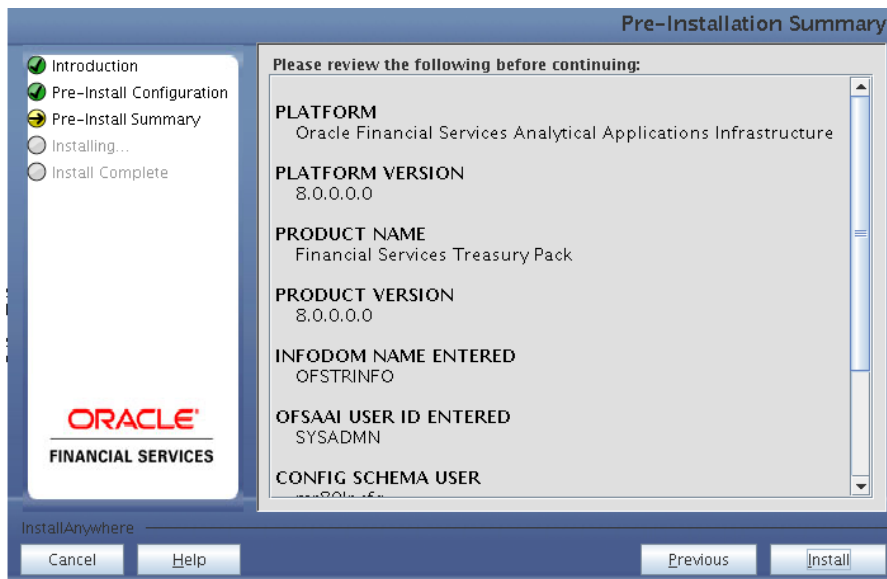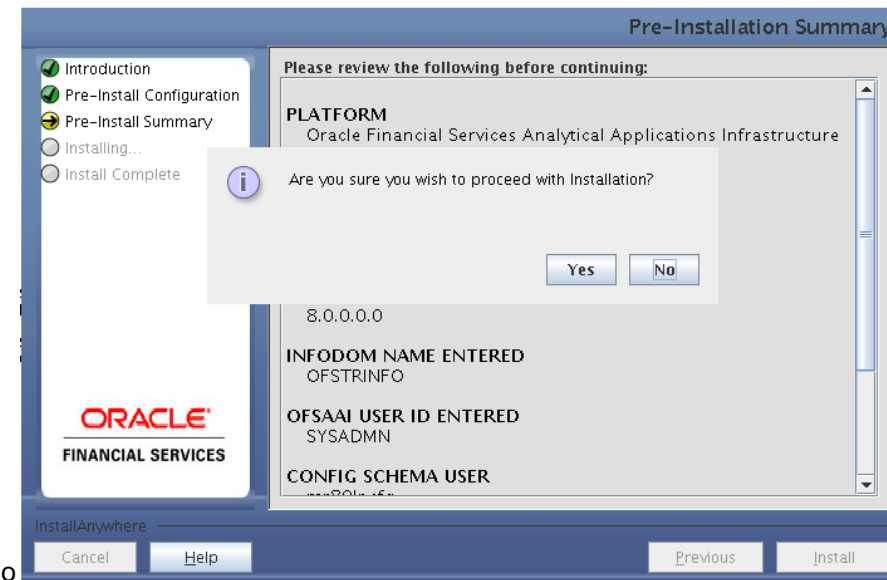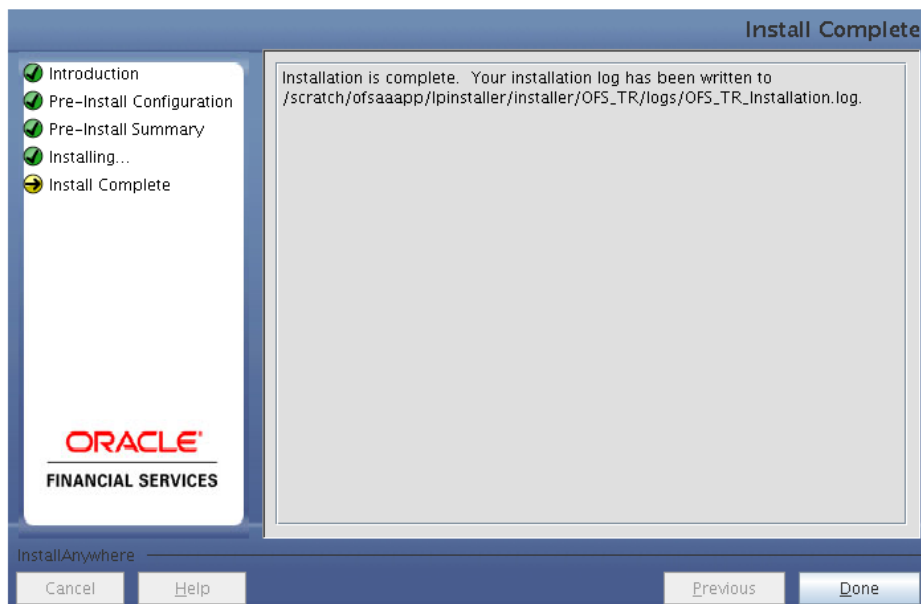
The selected Languages are configured.

5. Click **Install.**

A confirmation message is displa*yed,* click **Ye***s to start* the installation process.

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

7. Click **Done**.

1.2.2 Silent Mode Installation

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

▪ Modify the OFS_TR/conf/silent.template file to specify the required Language Pack(s) to be installed and save as **silent.props** file.

Note:

As OFS TR pack does not provide multi-locale support, ensure to provide a language code (user preferred language) against the parameter DEFAULT_LANGUAGE.

For Example:

```
DEFAULT_LANGUAGE= fr_FR
```

The language codes are provided in **silent.props** file as follows:

Specify the locale code you want to install

ar_EG = Arabic

pt_BR = Português - Brasil

fr_FR = Français

fr_CA = Canadian French

de_DE = Deutsch

iw_IL = Hebrew

in_ID = Indonesia

it_IT = Italian

ja_JP = Japanese

ko_KR = Korean

ru_RU = Russian

zh_CN = Simplified Chinese

es_ES = español

th_TH = Thai

zh_TW = Traditional Chinese

vi_VN = Vietnamese

tr_TR = Turkish

DEFAULT_LANGUAGE=

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 peform the following configurations.

1.3.1 Run MLS Utility

1. Execute the **MLS Utility**.

2. Navigate to $FIC_HOME/Post_AAI_Migration directory.

3. 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 AAAI Application Pack Language Pack is available.

1.4 OFS TR (Oracle Financial Services Treasury Pack Analytics) Language Pack Support

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

1.4.1 Webcatalog Changes

Refer Language pack tabular sheet on how to configure and support TR BI (Treasury Pack Business Intelligence) Reports on multiple language packs.

S.No	Language Pack	Java Locale Folder	Caption Folder ID	obiee - Select a language
		Language pack tabular sheet		
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/TR_BI/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 Treasury Pack Language Pack is available.

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1.4.2 RPD Changes

For RPD changes, perform the following steps:

1. Open **Treasury Pack LRMBI RPD** in online mode.

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

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

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

5. Replace the **SELECT** query with the following.

   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')

6. Click **OK** and then close the window.

7. Right-click subject areas **Liquidity Risk Analysis and Market Risk** in the Presentation Layer and click **Check Out** button.

8. Navigate to **Externalize Descriptions** -> **Generate Custom Description** and click **Check Out** button.

9. Check in the changes and save the RPD.

10. Login into **Treasury Pack Analytics**, reload files and metadata by navigating through Administration link and refresh the cache.
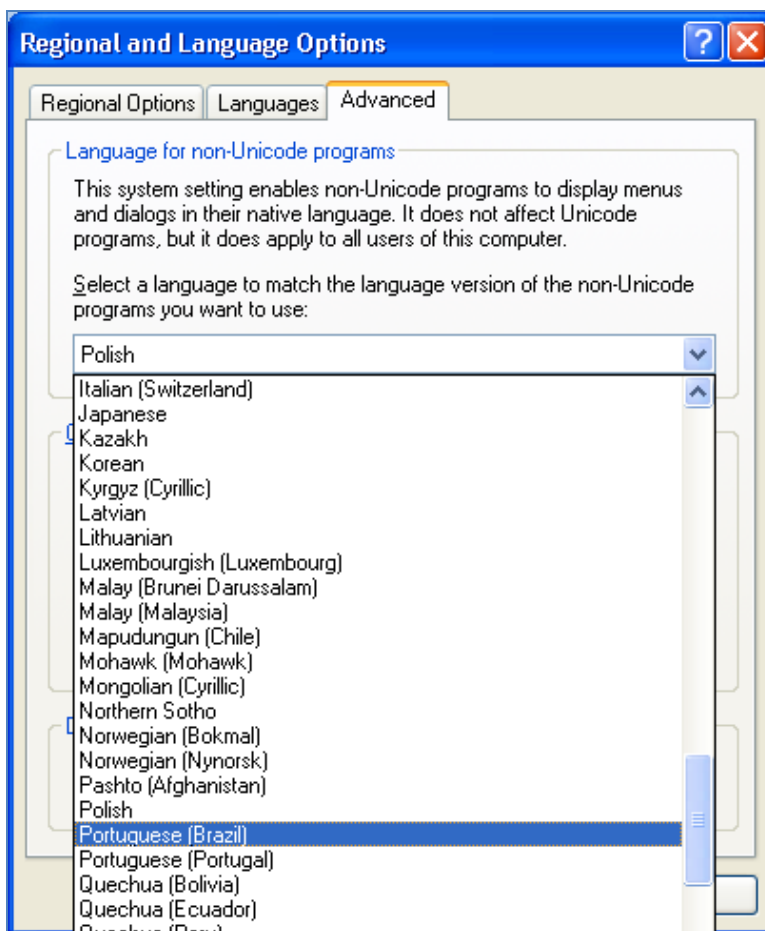
1.5 User Desktop Settings

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

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

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

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2. Under the **Formats** tab, choose the desired language from the drop-down list for Language for non-Unicode programs.
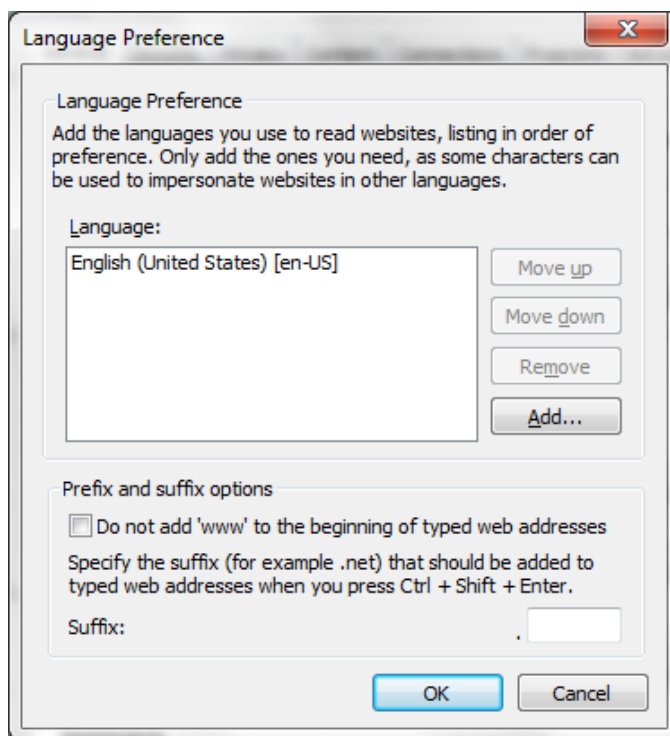

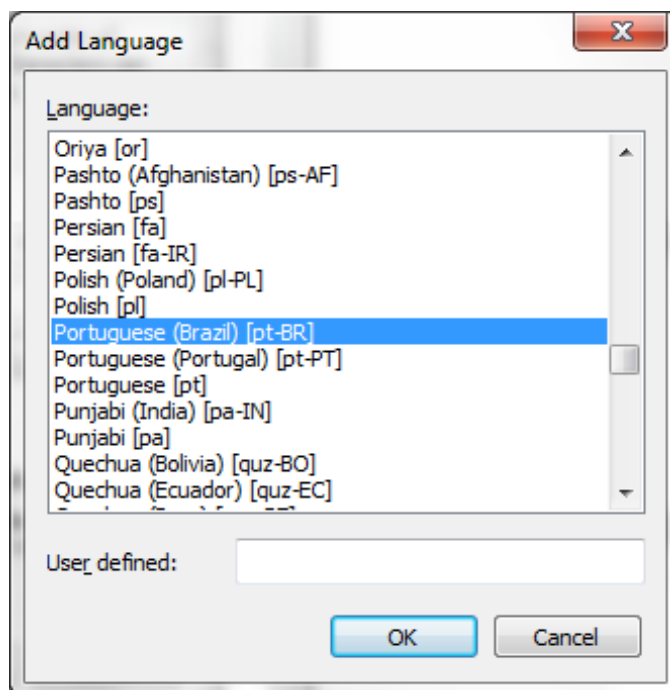For information on Language Pack *Code* and its *Properties*, refer to Supported Language Pack Details section.

3. Click **Apply** and click **OK**.

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

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.

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 Languages in TR Pack

The following table lists all the supported languages in OFS TR 8.0.0.0.0 release along with their code and properties available for selection.

Sl. No.	Language	Applications which support the Language	Locale	Locale as displayed in "*Regional and Language Options*" list	Code
1	Simplified Chinese	OFS LRM	LOCALE_CHINESE_SIM	Chinese (PRC)	zh_CN
2	Traditional Chinese	OFS LRM	LOCALE_CHINESE_TRAD	Chinese (Taiwan)	zh_TW
3	French	OFS LRM	LOCALE_FRENCH	French (France)	fr_FR
4	German	OFS LRM	LOCALE_GERMAN	German (Germany)	de_DE
5	Indonesian	OFS LRM	LOCALE_INDONESIAN	Indonesian	in_ID
6	Italian	OFS LRM	LOCALE_ITALIAN	Italian (Italy)	it_IT
7	Japanese	OFS LRM	LOCALE_JAPANESE	Japanese	ja_JP
8	Korean	OFS LRM	LOCALE_KOREAN	Korean	ko_KR
9	Portuguese	OFSLRM, OFS MR	LOCALE_PORTUGUESE	Portuguese (Brazil)	pt_BR
10	Russian	OFS LRM	LOCALE_RUSSIAN	Russian	ru_RU
11	Spanish	OFS LRM	LOCALE_SPANISH	Spanish (Spain)	es_ES
12	Thai	OFS LRM	LOCALE_THAI	Thai	th_TH
13	Vietnamese	OFS LRM	LOCALE_VIETNAMESE	Vietnamese	vi_VN
14	Canadian French	OFS LRM	LOCALE_CANNDIAN FRENCH	Canadian French	fr_CA
15	Arabic	OFS LRM	LOCALE_ARABIC	Arabic	ar_EG

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Sl. No.	Language	Applications which support the Language	Locale	Locale as displayed in "*Regional and Language Options"* list	Code
16	Hebrew	OFS LRM	LOCALE_HEBREEW	Hebrew	iw_IL
17	Turkish	OFS LRM	LOCALE_TURKISH	Turkish	tr_TR

2.2   Configuration for GUI Mode Installation

To install 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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