



Infor XA R9.1.2.0 Translation Guide

SH94280

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Detailed server translation instructions

Overview of XA R9.1.2.0 translations

This document explains how to translate an Infor XA Release 9.1.2.0 PTF 04237 US/English environment. This document will be updated periodically with the latest information; ensure you have the latest version before proceeding.

Infor XA R9.1.2.0 server translations provide for the conversion of the character-based interface and client interface elements from US/English to another language. Full translations are provided for Release 9.2.1, and do not require any earlier Release 9 translations.

Language availability

Infor XA translations are available as electronic disc images. They can be downloaded from the Infor Product Download Center. These products provide the full translation at Release 9.1.2.0; no previous translations are required to install them.

Language	Language ID	PTF Number	Availability
Czech	CSK	SH16032	Not planned
French	FRA	SH16023	Available
French MNCS	FRS	SH16024	Not planned
German	DEU	SH16025	Not planned
German MNCS	DES	SH16026	Not planned
Italian	ITA	SH16031	Not planned
Japanese	JAP	SH16035	Not planned
Polish	POL	SH16030	Not planned
Portuguese	PTB	SH16028	Not planned
Simplified Chinese	CHS	SH16034	Not planned
Spanish	ESP	SH16027	Not planned
Swedish	SVE	SH16029	Not planned

Language	Language ID	PTF Number	Availability
Turkish	TRK	SH16007033	Not planned

US/English Service Packs and Initial Install

Translations should be installed after the appropriate Release 9.2.1 Initial Install or Service Pack.

Package	Description
SH15993	R9.1.2.0 SBCS Service Pack (from 03704 to 04237)
SH15996	R9.1.2.0 DBCS Service Pack (from 20079 to 04237)

Updating a previously translated environment

Upon applying the Service Pack for XA R9.2.1.0 PTF 04237 to a previously translated environment, Release 9.1.2.0 translations must be applied.

Note: Applying the PCM to a translated environment without subsequently installing the corresponding translations may result in significant issues in the operation of Infor XA.

Prior to applying the PCM, refer to [Language availability](#) to determine translation availability for all languages installed in the environment. If any required XA R9.1.2.0 translations are unavailable, do not apply the PCM. If all XA R9.1.2.0 translations are available, they must be installed after applying the PCM, and before utilizing the environment.

Translation methods

Two translation methods are supported: a multi-language setup that provides for using multiple languages in conjunction with a US/English environment and a single language replacement of US/English environment elements with translated counterparts.

Enhanced multi-language environments (Recommended)

We recommend implementing translations through the enhanced multi-language method. The enhanced multi-language method is required for use with IDF Level 1.

Beginning with Infor XA Release 7.8, an enhanced approach to multiple languages has been fully integrated into the environment. The multi-language environment “overlay” method creates libraries for each language with translated display files, printer files, panel groups and message files, and populates translation dictionaries natively integrated into the Infor XA database. Once a language is

installed, its use within the US/English environment is determined on a per user basis, determined by the language value defined in Work with XA User Profiles. Upon entering Infor XA, the library list is automatically adjusted to use the specified language's overlay library, and translated text is dynamically accessed from the database in place of the base US/English text.

Multilanguage environment restrictions

While the enhanced multi-language approach relieves most limitations of the earlier implementation, a few database files remain in the language's overlay library.

File	Comment
MBVLLSP	No user-modifiable data; used too extensively to implement dynamic retrieval.
NLSTXT	No user-modifiable data; used too extensively to implement to dynamic retrieval.
PLORECC	No translated fields; placed in overlay library to preserve database relations with PLORXWF.
PLORECD	No translated fields; placed in overlay library to preserve database relations with PLORXWF.
PLOREHA	User modifiable (through help text creation or association); this file is changed when adding help or help associations. See PLOREHT.
PLOREHT	User modifiable (MUI help text); to maintain consistency between languages, modifications must be done for all language environments.
PLOTERM	No user-modifiable data.
PLORETH	No user-modifiable data.
PLORETW	No user-modifiable data.
PLOREUF	No translated fields; placed in overlay library to preserve database relations with PLORXWF.
PLORXWD	User-modifiable (through window definition creation or association); this file is changed when adding prompts or prompts associations. See PLORXWF.
PLORXWF	User-modifiable (MUI field prompt); to maintain consistency between languages, modifications must be done for all language environments.
YAVLLSP	No user-modifiable data; used too extensively to implement dynamic retrieval.

Multilanguage environment untranslated files

For some files with limited impact, dynamic retrieval could not be implemented. For enhanced multi-language environments, these remain untranslated in the database file library (AMFLIBy).

File	Comment
EISMST	Not translated for multi-language environments; used only in EIS.
GRPTMP	Not translated for multi-language environments; used only in FCST.
ISOUOM	Not translated for multilanguage environments.
PLCPRF	Not translated for multi-language environments; used only in FCST.

Single language environments

The single language environment method provides for applying a translation for selected applications or for the entirety of installed applications. The environment can be either US/English, or one previously translated to the same language. For those applications selected, US/English elements within the environment are replaced with translated counterparts.

Instructions

Note: Corrections to Infor XA R9.1.2.0 PTF 04237 translations are provided through XA R9.1.2.0 PTF 04237 Translation Fixes PTF ([SH94270](#)). Download and restore this PTF before installing a translation to ensure the most recent corrections are utilized.

This topic contains instructions for installing Infor XA R9.1.2.0 PTF 04237 translations. This topic has seven steps:

- [Step 1. Load and Run Translation](#)
- [Step 2. Multilanguage: Additional selections](#)
- [Step 3. Single-language: Load Translation application libraries](#)
- [Step 4. Single-language: Apply translation application libraries after suspension/retailoring](#)
- [Step 5. Single-language: Select an environment to translate](#)
- [Step 6. Single-language: Select applications](#)
- [Step 7. Single-language: Delete the translate libraries](#)

When installing a translation, ensure that:

- You are signed on as AMAPICS.
- No one is in the environment to be translated, and no job queue jobs are running for that environment.
- No one is signed on into any environments sharing an application program library (AMALIBx) with the environment receiving translations, and no job queue jobs are running for these shared library environments.

Note: If the environment designator's first character for two or more environments are the same, the environments share the program library.

- You have recent backup copies of program libraries and master files for all environments that are being translated. Use option 1 and 3 on the Cross Application Support Back Up/Recover/Reorganize menu (AMZM40). Refer to “Chapter 13” of the *Cross Application Support User’s Guide* for more information on backing up the environments.

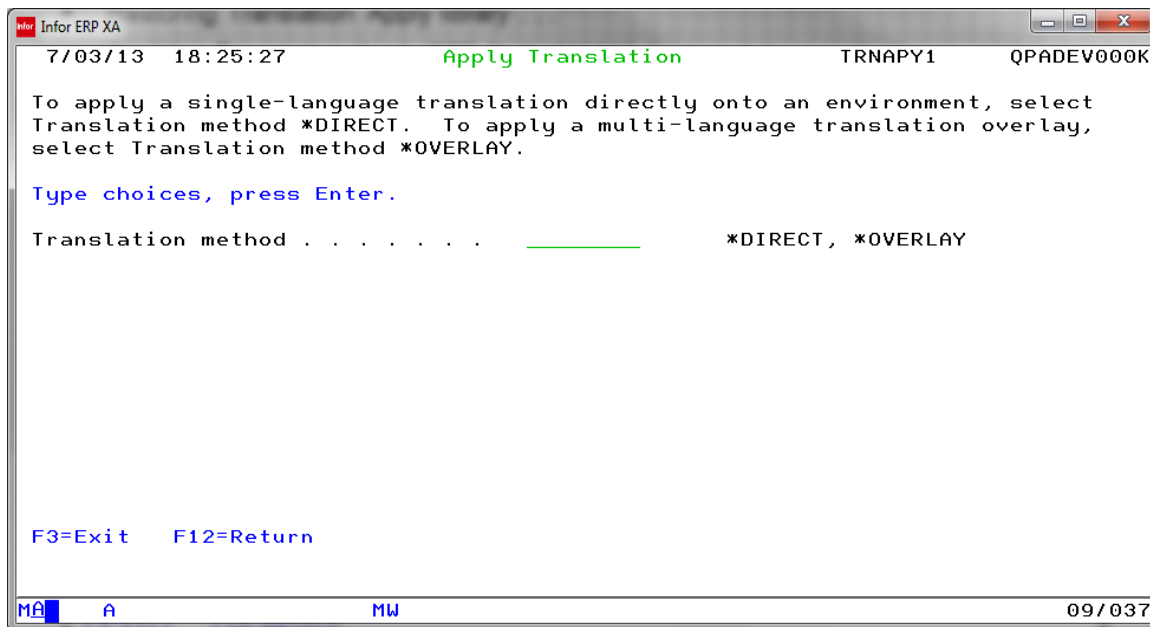
For translation of a single language environment, if the translation application libraries have been previously loaded and retained, begin with [Step 3](#) to apply the translations; otherwise, begin with [Step 1](#) to load and run a translation. In these steps, the French translation is used as an example.

Step 1. Load and Run Translation

- With the media loaded (using device OPTVRT01 as an example; see “Using downloaded media” on page 23 for more information on using ISO images), initiate the translation.

LODRUN DEV(OPTVRT01)

- Apply Translation status (TRNAPY0) is displayed with the following sequence of messages:
 - Restoring Translation library . . .
 - Applying Translation fixes PTF SH94270690 for translation library . . .
- Apply Translation method selection (TRNAPY1) is displayed:



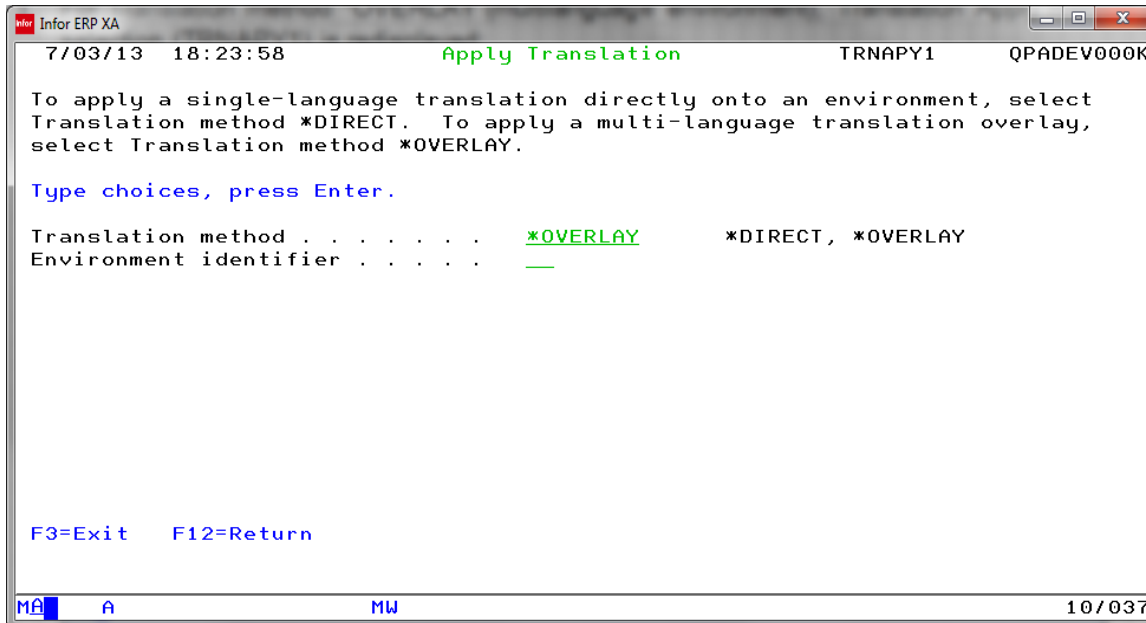
Translation Method

To apply the translation to a US/English environment as one of possibly multiple alternate languages, configurable on a user-by-user basis, select ***OVERLAY** and press **Enter**. To apply the translation to a US/English environment as a single language replacement of translated elements, select ***DIRECT** and press **Enter**.

- 2 Select the Translation method and press **Enter**. For Translation method *OVERLAY (multi-language environment), continue with [Step 2](#); for Translation method *DIRECT (single-language environment), proceed to [Step 3](#).

Step 2. Multilanguage: Additional selections

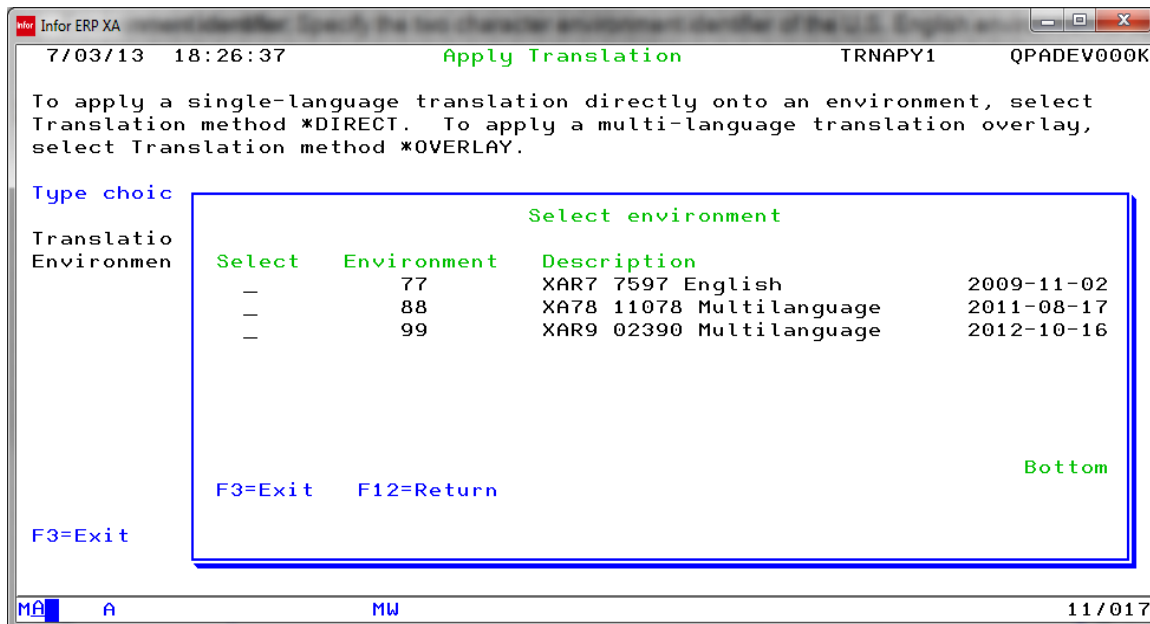
- 1 For Translation method *OVERLAY (multi-language environment), Apply Translation method selection (TRNAPY1) displays:



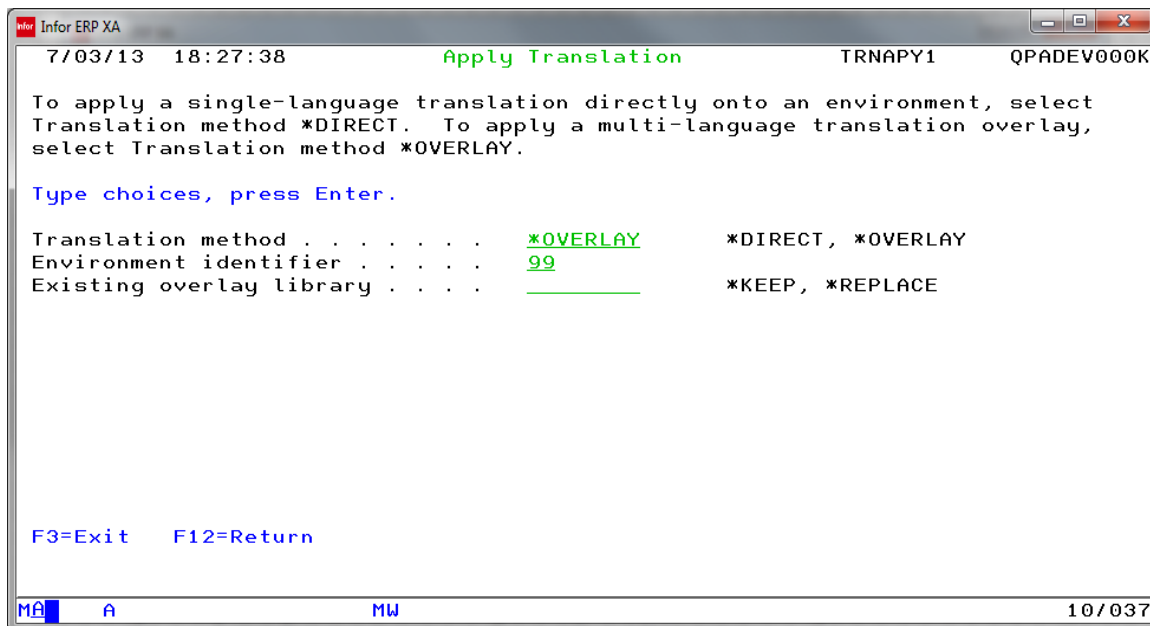
Environment identifier

Specify the two-character environment identifier of the US/English environment to apply the translation to as a multi-language environment.

- 2 Select the **Environment identifier** and **Translated displays** option, and press **Enter**. A prompt window is provided for a blank or invalid entry:



- 3 If the multi-language environment has already had this language applied, the Apply Translation method selection (TRNAPY1) is displayed again:



Existing overlay library

To keep the existing overlay library (while refreshing the translation dictionary files in the Infor XA database), select ***KEEP** and press **Enter**. To delete the language's existing overlay library for the multilanguage environment and reload the overlay library, select ***REPLACE** and press **Enter**. For environments translated at a previous level, always select ***REPLACE**.

4 Translation for multi-language environments proceeds; the Apply Translation status (TRNAPY3) is displayed with the following sequence of statuses (using French as an example):

- Restoring French database translation dictionary library DCT94237F
- Applying Translation fixes PTF SH94270690 for translation dictionaries
- Applying French database translation dictionaries
- Restoring French overlay library AMOFRAx1
- Restoring French overlay library AMOFRAx2
- Applying Translation fixes PTF SH94270690 for overlay library
- Deleting Translation library
- Translation for environment xy has completed successfully. Press Enter.

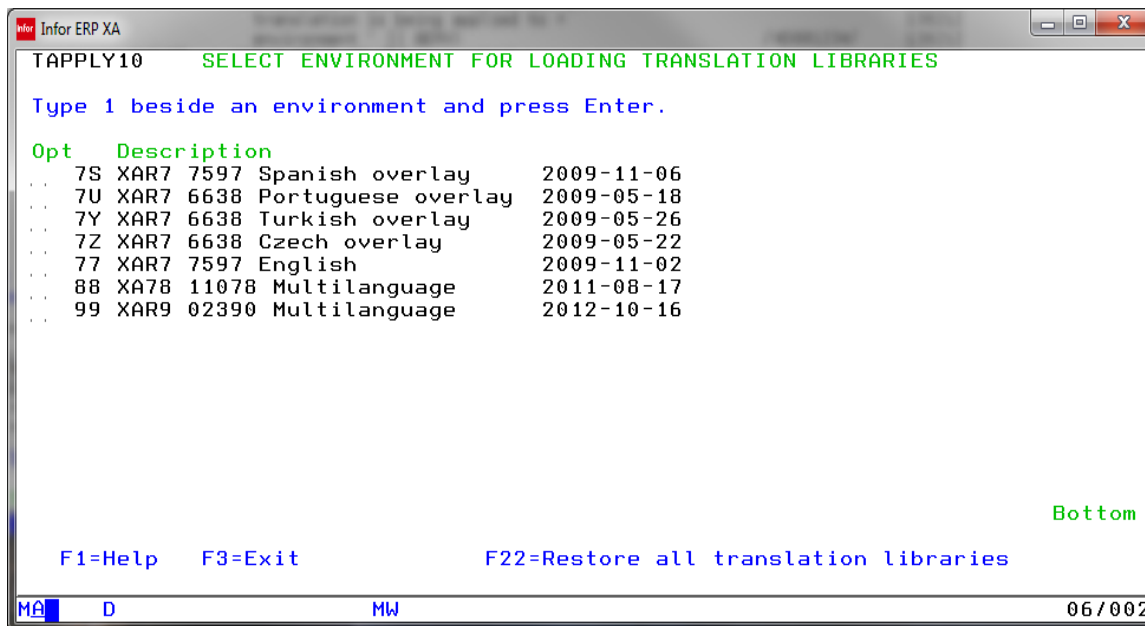
The overlay library messages are not displayed when Existing overlay library ***KEEP** is specified.

5 The multi-language environment translation is complete. See “Defining a user’s preferred language” on page 17.

The remaining steps, [Step 3](#) through [Step 7](#), relate only to the single-language translation, translation method ***DIRECT**.

Step 3. Single-language: Load Translation application libraries

1 For a single language environment translation, Select Environment for Loading Translation Libraries (TAPPLY10) is displayed.



Opt

To select the environment, type **1** in the **Opt** (option) field.

- 2 Either select the environment for which you want to load the translated application libraries for all installed modules, or load all translated application libraries.
 - Press **Enter** to load translated application libraries for all modules installed in the selected environment.
 - Select **F22** (Restore all translation libraries) to load all translated application libraries, without regard to the modules you have installed in the environment to be translated.
- 3 When the load completes, continue with Step 5.
[Step 4](#) is required only if you chose to suspend the translation after loading.

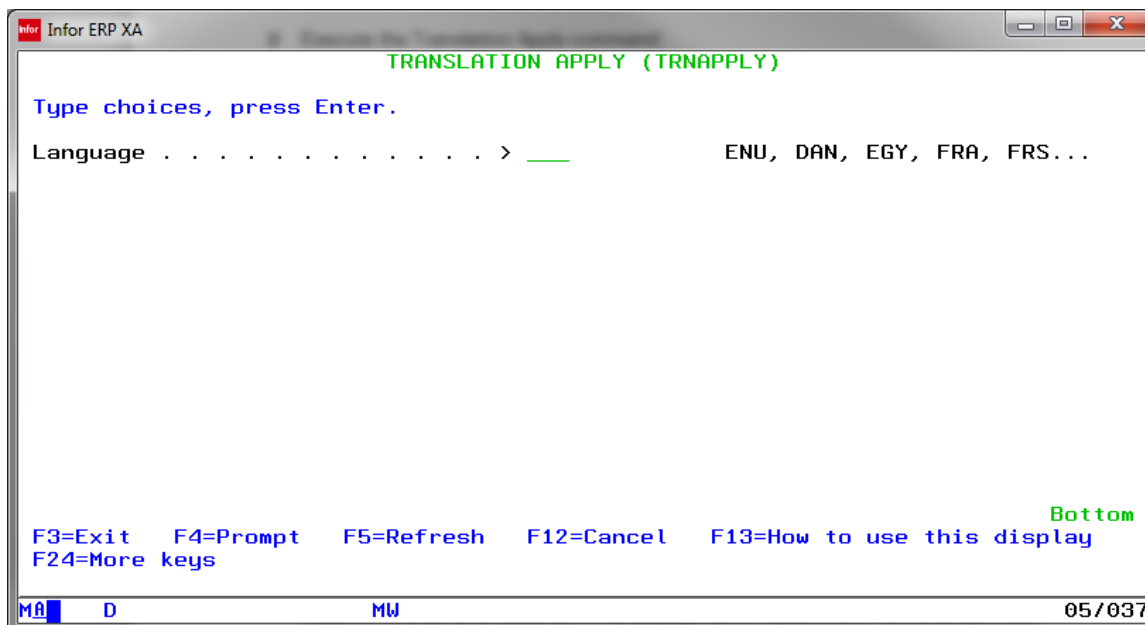
Step 4. Single-language: Apply translation application libraries after suspension/retailoring

If the translation is suspended by pressing **F3** (exit) on Select Environment for Applying Translation Libraries (TAPPLY2), or if database files require re-translation, use the command TRNAPPLY to resume the translation without restoring the translated application libraries.

- 1 Add the TRANSLATE library to the library list:
 ADDLIBLE LIB (TRANSLATE)
- 2 Execute the Translation Apply command and press F4.

TRNAPPLY

The Translation Apply (TRNAPPLY) prompt appears:



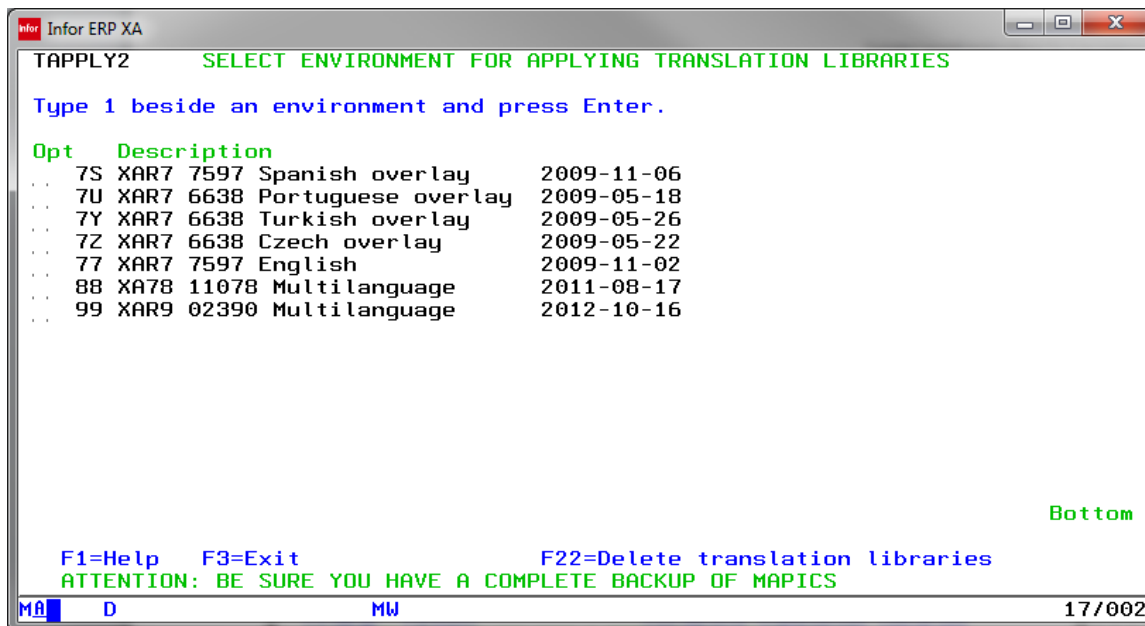
Language

Select the three-character language code for the translation you are applying, and press **Enter**. Press **F4** (prompt) while positioned on the language field to display a list of valid language codes.

- When you press **Enter**, continue with [Step 5](#).

Step 5. Single-language: Select an environment to translate

Select Environment for Applying Translations Libraries (TAPPLY2) prompts for the environment to apply translations to. All XA environments identified in QGPL/MMLIST are displayed. Only one environment can be selected at a time.



Opt

To select the environment, specify 1 in the **Opt** (option) field.

Perform one of these actions:

- Select an option in the **Opt** field and press **Enter**; continue with [Step 6](#).
- Select **F3** (exit) to return to the command line without completing the action. When ready to resume, restart the Translation Apply at [Step 4](#).
- Select **F22** (delete translation libraries) to delete the application translation libraries and the Translation Apply library (TRANSLATE) from the system.

Step 6. Single-language: Select applications

Translation Apply checks that the translated application libraries restored from the media are at the same level as those from the installed XA environment. The translated application library name is composed from the application identifier, release, and PTF level (for example, M7X94237). Application Selection (TAPPL03) is displayed with the translation apply eligibility status for all applications installed. For applications that cannot be applied, a message is issued with the reason.

```

Infor ERP XA
TAPPL03          APPLICATION SELECTION
ENVIRONMENT.  .. 22

Type option, press Enter.  1 = Apply both translated objects and data files
                           2 = Apply translated objects only
                           3 = Apply translated data files only

BASE INSTALLED.  TRANS APPLIED.
Opt Cde V/Rl/Ptf  Lng/Rl/Ptf  Message
...
M8Z 2 09 3037  *NONE      Translation not available
M73 2 09 3037  *NONE      Translation not available
M74 2 09 3037  *NONE      Translation not available
M77 2 09 3037  *NONE      Translation not available
M8R 2 09 3037  FRA 09 3037 Already applied, using M8R93037
M7G 2 09 3037  FRA 09 3037 Already applied, using M7G93037
CAM 2 09 3037  *NONE      Translation not available
M7X 2 09 3037  FRA 09 3037 Already applied, using M7X93037
M79 2 09 3037  FRA 09 3037 Already applied, using M7993037
M8Q 2 09 3037  FRA 09 3037 Already applied, using M8Q93037
M7U 2 09 3037  *NONE      Translation not available
More...

F1=Help          F12=Return
ATTENTION: BE SURE YOU HAVE A COMPLETE BACKUP OF MAPICS
MA  A           15/002
  
```

Opt

To apply the translation to an application, select an option for each application. Select option 1 to apply the complete translation upon database files, screens, reports, messages, and help text; select option 2 to apply translation only upon screens, reports, messages, and help text; select option 3 to apply translation only upon database files.

Select one of these actions:

- To complete the translation, specify the option number you want to use in the **Opt** (apply option) field for one or more applications, and press **Enter**; continue with [Step 7](#).

Note: If Auto-TRNAPPLY is turned off (see “Deactivating/Reactivating Auto-TRNAPPLY” on page 16), use option 3 to manually reapply translations to database files after Install/Tailor Applications is run, or any time database files need to be retranslated (for example, when PTF processes merge files from AMXLIBx).

- If any problems exist, press **F12** (return) to return to Select Environment for Applying Translations Libraries (TAPPLY2); go to [Step 5](#).

On TAPPLY2, select **F3** to suspend Translation Apply and get the correct PTFs for the applications that are not eligible for translation. Translated application libraries do not need to be loaded again.

Step 7. Single-language: Delete the translate libraries

When the Translate Apply is complete, use **F12=Return** to return to Select Environment for Applying Translations Libraries (TAPPLY2); go to [Step 5](#).

Note: If you have no other environments to apply a translation to, select **F22** on TAPPLY2 to delete the translate libraries, including the TRANSLATE library, from the system.

The single language environment translation is complete.

Single language: deactivating/reactivating auto-TRNAPPLY

After re-tailoring, TRNAPPLY is run automatically to re-translate the TDFs. However, you might want to deactivate this function for testing purposes. To do this, issue this command:

```
CHGDTAARA DTAARA (AMALIBx/TAAUTO) VALUE ('0')
```

To reactivate this function, issue this command:

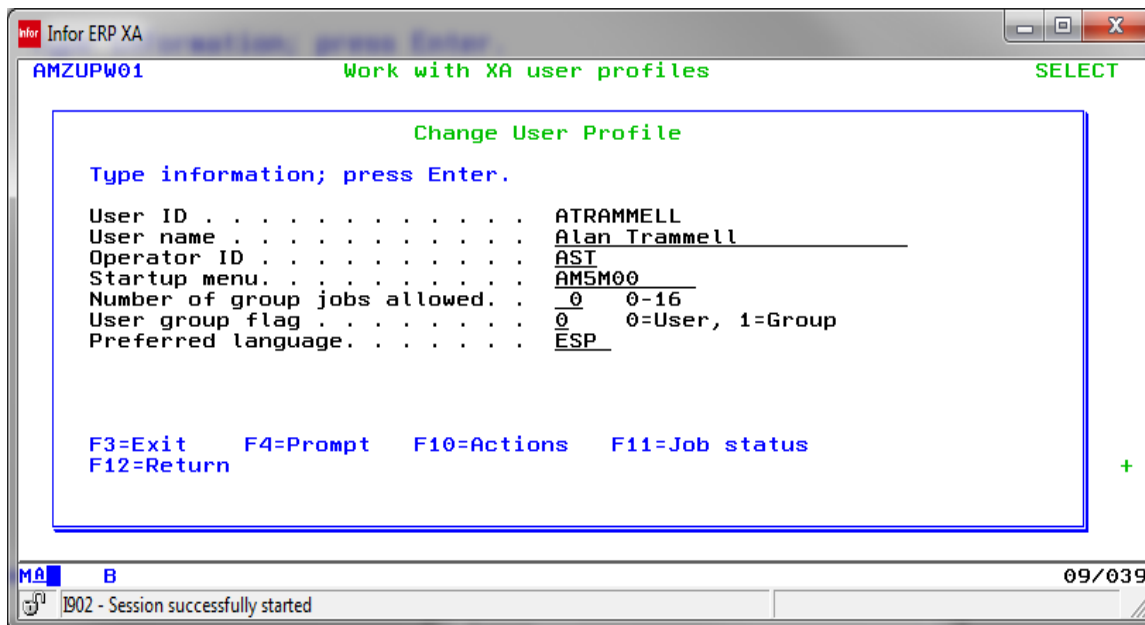
```
CHGDTAARA DTAARA (AMALIBx/TAAUTO) VALUE ('1')
```

The automatic re-translation after re-tailoring also creates a spool file TAAUTORP with a log of the re-translation process. After re-tailoring, you should check this report for errors.

Translation for multi-language environments is unaffected by tailoring, and does not require additional action.

Defining a user's preferred language

In a multi-language environment, a single US/English environment exists in conjunction with one or more language overlay libraries to allow users to utilize any language applied to the environment. The language selected for each user is controlled by the preferred language value defined in **Work with XA User Profiles**.



If the current user has a preferred language specified, and that language has been applied to the environment, all translated elements of the environment will be shown in that language. The environment defaults to US/English if the user's preferred language has not been applied to the environment, or if a preferred language has not been specified.

Translated client enablement

This section explains how to translate an Infor XA Release 9 US/English client environment. It will be updated periodically with the latest information; please ensure you have the current version before proceeding.

The Translated Client Enablement for Infor XA allows for the translation of the client-based Infor XA interface. Some aspects of the client translations derive from the server-based translation so you should install and execute the server Translation Apply for the selected language prior to executing this function. Release 9 introduces the use of electronic disc images for delivery and installation of the Translated Client Enablement.

Power-Link & Net-Link

Activating Power-Link & Net-Link translations and enabling help: Download these PTFs from the Infor Product Download Center. If already applied for any level of Release 9, no further R9.1.2.0.0-specific update is required.

Language	PTF Number	Comment
Czech		Planned
French	SH80628.690	English help only
German	SH80629.690	English help only
Italian	SH93269.690	English help only
Japanese	SH80494.690	English help only
Polish	SH93268.690	English help only
Portuguese	SH80630.690	English help only
Simplified Chinese	SH80495.690	English help only
Spanish	SH80492.690	English help only
Swedish		Unavailable
Turkish		Not planned

Installation Instructions

Prior to installing this feature, ensure that you have downloaded and installed both the [Release 9 XA Client Applications Install](#) image from the Infor Product Download Center and the latest Release 9 client fixes ([SH15633](#)) from Infor Support Portal.

Installing the Translated Client Enablement feature is very simple. Download the CD image, or order a physical CD, from the Infor Product Download Center. Load the CD or image and run the following command:

```
LODRUN DEV(DeviceName)
```

For instructions on utilizing the downloaded CD images using virtual media, see “Using downloaded media” on page 23.

Infor XA R9.1.2.0 Server translation issues

This section lists, by language, all known problems and possibly, their solution. It is divided into a general section, which lists problems pertinent to all languages, and into multiple language-specific sections. Each entry has the date specified when it was added or updated.

Note: Unless otherwise noted, the mentioned PTFs should be applied after the translation has been installed.

If you have any problems or questions, contact your designated Support Affiliate.

This document is updated as soon as any new problems are identified. It should be downloaded and read regularly.

All languages

Infor XA R9.1.2.0 Translation Fixes (SH94270)

15 August 2018

Download and restore [SH94270](#) before installing a translation to receive updates to the installation process and the translation. The translation will not proceed without this restored library in place. Refer to the PTF cover letter for instructions.

Language-specific information

Czech

Translation is currently unavailable.

French

6 December 2016

Problem: In IFM, on the Cash Book Reconciliation screen YAPNDFR, where list entries include a payment list number, the value is truncated.

Cause: The translation for "Payment list =" was longer than could be accommodated by the YAB7REP file where it is stored.

Solution: Download and apply SH94351.690.

Note: Translations performed with the Release 9.1.2.0 Translation Fixes PTF (SH94270.690) dated 7 December 2016 or later have already corrected this problem.

9 August 2017

Problem: In COM, several occurrences of "O" (for Oui) are not accepted as valid input.

Cause: The Conditions (MBVLLSP) file was not fully translated for French; several "Y" (for Yes) values should have been translated to "O".

Solution: Download and apply SH93961.690.

Note: Translations performed with the Release 9.1.2.0 Translation Fixes PTF (SH94270.690) dated 9 August 2017 or later have already corrected this problem.

French MNCS

Translation is currently unavailable.

German

Translation is currently unavailable.

German MNCS

Translation is currently unavailable.

Italian

Translation is currently unavailable.

Japanese

Translation is currently unavailable.

Polish

Translation is currently unavailable.

Portuguese

Translation is currently unavailable.

Simplified Chinese

Translation is currently unavailable.

Spanish

Translation is currently unavailable.

Swedish

Translation is currently unavailable.

Turkish

Translation is currently unavailable.

Using downloaded media

This section contains instructions for using ISO images on the IBM i.

ISO images

The Infor Product Download Center provides electronic disc images you can use to install or update Infor XA. Using publicly available software, you can burn the images to create install discs, or you can transfer the images to a computer and mount them as a virtual device. For information about how to use disc images, see “Using ISO CD Images” section on the Infor Product Download Center.

You may want to consider using a download utility to reduce download times such as Download Manager (www.freedownloadmanager.org).

Handling virtual media

These four steps demonstrate using an image to load an XA Release 9.2.1 translation as virtual media on your IBM i, transfer the media data to a virtual image catalog, and loading the virtual image:

- [Step 1: Create the virtual device and catalog](#)
- [Step 2: Copy the virtual image to the image catalog directory](#)
- [Step 3: Add the virtual image to the image catalog](#)
- [Step 4: Load the virtual image](#)

These steps include command examples that refer to the Infor XA Release 9.2.1.0 PTF 04237 French translation (SH16023). See the Infor XA Release 9.2.1 PTF 04237 Translation Informational (PTF SH94320) for the PTF numbers of additional language translation downloads.

Step 1: Create the virtual device and catalog

- 1 Create a virtual device description, if one does not already exist.

```
CRTDEVOPT DEVD(OPTVRT01) RSRNAME(*VRT)
```

Note: A virtual device can be recognized by its device type 632B.

- 2 Vary on the device description if necessary.

```
VRFCFG CFGOBJ(OPTVRT01) CFGTYPE(*DEV) STATUS(*ON)
```

- 3 Create an image catalog and an IFS directory to store the images, if they do not already exist.

```
CRTIMGCLG IMGCLG(PCMS) DIR('/PCMimages') CRTDIR(*YES)
```

Note: If you already have an IFS directory where you will be storing the images, but want to create an image catalog using that directory, use CRTDIR(*NO).

Step 2: Copy the virtual image to the image catalog directory

After downloading the .iso image file from the Infor Product Download Center, transfer the .iso image file to the IFS folder where you have the image catalog entries stored. You can use Windows Explorer, iSeries Navigator, or ftp. Rename the iso image to, for example, SH16023 without the '.iso' extension.

Example: This example assumes that the Infor XA Release 9.1.2.0 French Translation image file – XA91_ServerTRN_SBCS_FRA_PTF04237_SH16023_Vol1_of_1.iso – has been downloaded on your local C:\ drive, and that you want to transfer it to MYSYSTEMI, image catalogue TRNS, and IFS folder /TRNimages. Using FTP from a local command prompt would look like this:

```
> ftp mysystemi.mydomain.com
:
  (You must log on)
:
> quote site namefmt 1
> bin
> cd /TRNimages
> lcd c:\
> put XA91_ServerTRN_SBCS_FRA_PTF04237_SH16023_Vol1_of_1.iso SH16023
> quit
```

Step 3: Add the virtual image to the image catalog

After copying the .iso image file into the IFS directory, add the file to the image catalog:

```
ADDIMGCLGE IMGCLG(TRNS) FROMFILE('/TRNimages/SH16023')
TOFILE(*FROMFILE)
```


Step 4: Load the virtual image

To use the virtual image, you need to mount it in the catalog and load the catalog in a virtual optical device:

- 1 Work with the image catalog.

```
WRKIMGCLG IMGCLG (TRNS)
```

- 2 Use option 12 (Work with Entries), then use options 6 (Mount) for the SH16023 entry.

Note: Do not use option 4 (Remove) unless you really want to delete the catalog entry and the associated image!

- 3 Load the translation image into the virtual optical drive.

```
LODIMGCLG IMGCLG (TRNS) DEV (OPTVRT01) OPTION (*LOAD)
```

Alternatively, you can use WRKIMGCLG, specify option 8 (Load), and then enter the virtual optical device name.