

Setup

To aid the administrators in deployment, each of the following topics are laid out in the order they should be considered when setting up an Aras Innovator multi-lingual, multi-locale use case.

Time Zones

Aras Innovator has two basic configurations for time zone support: Local Time Zone and Corporate Time Zone.

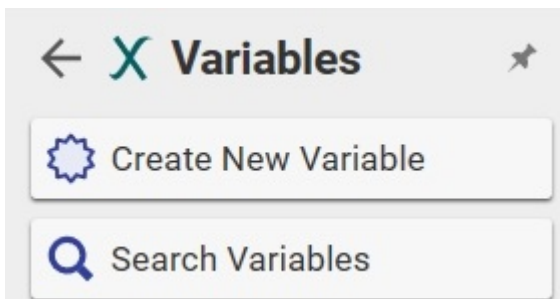
Corporate Time Zone

If your users access Aras Innovator from multiple time zones, you should configure Aras Innovator to have one corporate time zone that the Aras Innovator Server can reference. This time zone is used for calculating things such as when Project Activities become active.

Important

You should set the Corporate Time Zone before users start working with the system in production. If you wait until after users have begun to use the system, they will have to log out before you can enable the Corporate Time Zone.

1. Log into Aras Innovator as an Administrator.
2. From the TOC, select Administration --> Variables. **The following menu appears:**



3. Click **Create New Variable**. The Variable screen appears:

X Variable 1

X **Variable 1**

Save

Done

Delete

^ Variable

Name

Value

Default Value

- Set the Name = CorporateTimeZone.
- Set the Value according to the registry key name associated with the required time zone.

HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Time Zones

The following is a list of the time zone registry key names as of May 2008 for reference:

Standard Time

Alaskan Standard Time
 Arab Standard Time
 Arabian Standard Time
 Arabic Standard Time
 Armenian Standard Time
 Atlantic Standard Time
 AUS Central Standard Time
 AUS Eastern Standard Time
 Standard Time
 Standard Time
 Central Standard Time
 Standard Time

Standard Time

Ekaterinburg Standard Time
 Standard Time
 FLE Standard Time
 Georgian Standard Time
 GMT Standard Time
 Standard Time
 Standard Time
 GTB Standard Time
 Hawaiian Standard Time
 Standard Time
 Standard Time
 Standard Time

Pacific Standard Time

Pacific Standard Time ()
 Romance Standard Time
 Russian Standard Time
 SA Eastern Standard Time
 SA Pacific Standard Time
 SA Western Standard Time
 Standard Time
 Standard Time
 Standard Time
 Standard Time
 Sri Lanka Standard Time
 Standard Time



Standard Time	Standard Time	Standard Time
Cen. Standard Time	Standard Time	Standard Time
Central American Standard Time	Standard Time	Standard Time
Standard Time	Standard Time 2	US Eastern Standard Time
Central Brazilian Standard Time	Mid-Atlantic Standard Time	US Mountain Standard Time
Standard Time	Standard Time	Standard Time
Central European Standard Time	Standard Time	Standard Time
Central Pacific Standard Time	Mountain Standard Time	Standard Time
Central Standard Time	Mountain Standard Time ()	W. Central Standard Time
Central Standard Time ()	Standard Time	Standard Time
Standard Time	N. Central Standard Time	Standard Time
Dateline Standard Time	Standard Time	West Pacific Standard Time
Standard Time	Standard Time	Standard Time
Standard Time	Standard Time	
Standard Time	Standard Time	
Standard Time	East Standard Time	
Eastern Standard Time	Standard Time	

6. Click Save and Done to unclaim the Variable Item.
7. Log out of Aras Innovator.
8. Restart the World Wide Web Publishing service on the server running the Innovator Server tier of Aras Innovator.
9. Restart the running Agent Services to synchronize the Time Zone Update to all the connected services.

Update Time Zone Data

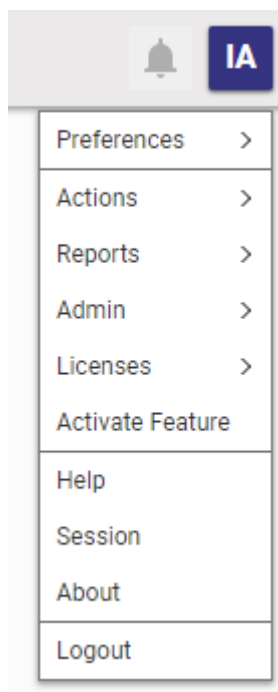
Due to periodic changes to Time Zone information such as Daylight Savings, it is sometimes necessary to update the time zone data within Aras Innovator. Similar to Windows Updates, this new information needs to be loaded into your system. Use the following procedure to update the time zone data for your instance:

1. Log into Aras Innovator as an administrator.

Click the login icon



. The following menu appears:



2. Select **Actions>Update timezones data**. The following dialog appears:



Defining a Language

Aras Innovator has the ability to store properties as 'Multi-Lingual Properties'. A multi-lingual property stores multiple values for the same property. The value displayed is based on the language defined in Aras Innovator for your Locale. In most cases, if there is no value for a specific language, the value for the default language (English) is shown.

Adding the Language Item

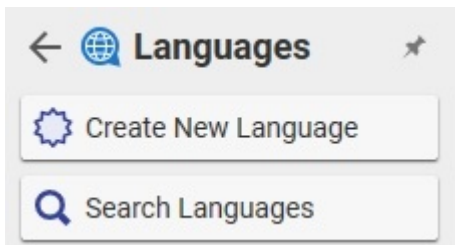
The first step to using multi-lingual properties is to define the Language Item in Aras Innovator.

Important



Do Not add a new language to a live production system. Add the new language during off hours when no users are logged into the system.

1. Log into Aras Innovator as an administrator.
2. From the TOC, select Administration --> Localization-> Languages. **The following menu appears:**



3. Click **Create New Language**. The following screen appears.

4. Enter the following information into the fields:
 - Code = The letter ISO code that identifies the language. For example, 'ja' for Japan

- Name = The name of the language for reference in the keyed name. For example, Japanese
- Suffix = The identifier for differentiation of one language from another in a multi-lingual property. For example, '_ja' for Japanese
- Collation = This property is used to set custom sorting rules for each language column at the database level. A null value for collation should simply means that there is no custom collation for that column.
- Direction = The direction that the language is read in. For example, if the language is English, you would select "ltr" from the dropdown list.

Click



and



to save and unclaim the language item.

Updating the User Interface (Xml-based resources)

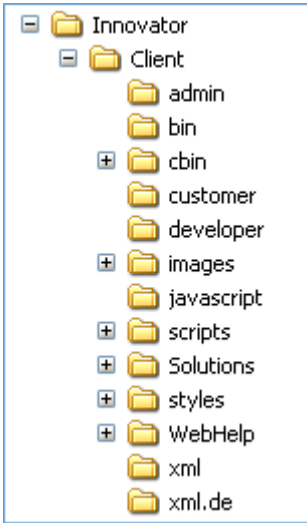
The second step to adding a language is to update the xml resources that define the menus, toolbars, and user interface elements.

These files make up most of the XML-based resources. The language specific XML files need to be put in the /Client folder next to the default (English) counterparts.

Any file that cannot be found in the language specific folder can cause the corresponding file from the default (English) folder to be loaded.

Language specific folders should be in the format xml.{Language Item Code}Example: xml.ja

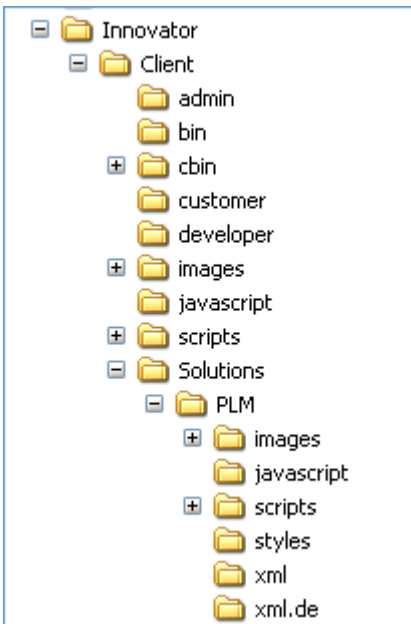




Each of the standard Aras Innovator solutions and modules has its own xml resources. Each of these folders should have any language specific files put in a corresponding folder.

PLM for instance has a folder '/Client/Solutions/PLM/xml'. The corresponding folder for Japanese would be '/Client/Solutions/PLM/xml.ja'.

The standard installation of Aras Innovator has the following XML-based resource folders:



```

\Innovator\Client\Solutions\PLM
\Innovator\Client\Modules\aras.innovator.core.EffectivityServices
\Innovator\Client\Modules\aras.innovator.DomainAccessControl
\Innovator\Client\Modules\aras.innovator.MacPolicy
\Innovator\Client\Modules\aras.innovator.MassPromote
\Innovator\Client\Modules\aras.innovator.ExtendedClassification
\Innovator\Client\Modules\aras.innovator.Viewers
\Innovator\Client\Modules\aras.innovator.GraphView
\Innovator\Client\Modules\aras.innovator.Izenda
\Innovator\Client\Modules\aras.innovator.QueryBuilder
\Innovator\Client\Modules\aras.innovator.SSVC
\Innovator\Client\Modules\aras.innovator.TDF
\Innovator\Client\Modules\aras.innovator.TreeGridView
\Innovator\Client\Modules\aras.innovator.CMF
\Innovator\Client\Modules\aras.innovator.CUI
\Innovator\Client\Modules\aras.innovator.ES
\Innovator\Client\scripts\CodeEditor
\Innovator\Client\scripts\ReportTool
\Innovator\Client\scripts\SitePreference
OAuth Server\i18n

```

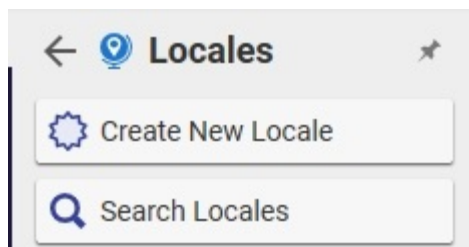
Important

Due to differences between Windows and Linux file systems, it is required to use Linux path separators (/) in paths. Remember that the Linux file system is case sensitive so there is significant difference between file names "../images/TextField.svg" and "../Images/TextField.svg" for Linux. For more information about cross-platform development please see section *Cross-platform development* in the *Aras Innovator - Programmer's Guide*.

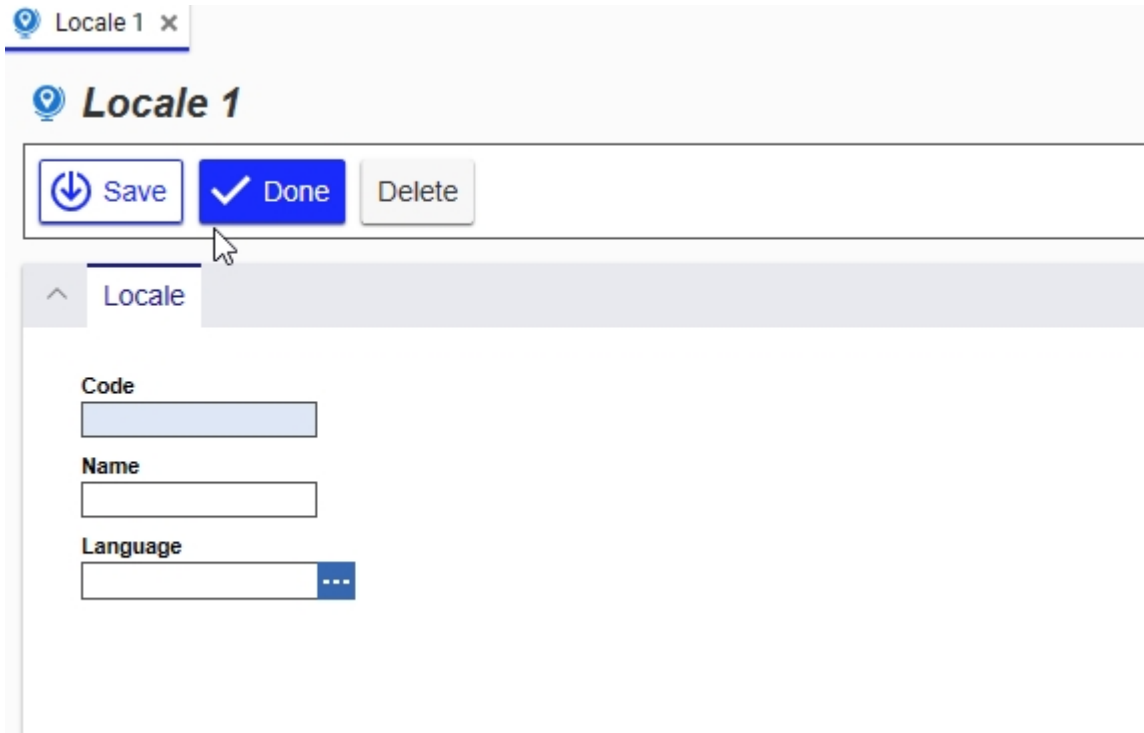
Defining the Supported Locales

In Aras Innovator only the English locale is defined by default. You must define additional locales in the database.

1. Log into Aras Innovator as an administrator.
2. From the TOC, select Administration > Localization>Locales. The following menu appears:



3. Click **Create New Locale**. The Locale screen appears:



4. Enter the appropriate information in the following fields:

Code = The culture code for locale. For example, 'ja-JP' for Japan
Name = The name of the locale.
Language = The language item that is referenced by users with this locale on their client PC machines. For example, 'Japanese' from section [0 Adding a Language](#) .

Click the



and



buttons to save and unclaim the item.

5. Restart the World Wide Web Publishing service on the server running the Innovator Server tier of Aras Innovator.

