

The User Interface

This section outlines how the addition of a supported locale reflects to users.

Multi-Lingual Properties

Starting with version 10, Aras Innovator selects the language based on user's preferences specified in the browser. A multi-lingual property displays either a value in the locale specific language or a value in the default language (English).

When inputting values into a multi-lingual field, the value is saved to the language defined by the session. If the session language does not exist in the database, then the value is saved to the default (English) language.

To edit a language other than the one defined by the session locale, either select F2 while editing the property, or select the ellipse next to the field.

The screenshot displays the Aras Innovator user interface. At the top, there's a 'Document' tab with a dropdown menu showing 'Document'. Below this is a toolbar with buttons for 'Save', 'Done', 'Discard', and other actions. The main area is titled 'ItemType' and contains various configuration options for a document type, including 'Name', 'Singular Label', 'Plural Label', 'History Template', 'Versioning', 'Search', 'Unlock On Logout', 'Implementation Type', and 'Small Icon'. Below the configuration options is a table with columns for 'Name', 'Label', 'Data Type', 'Data Source', and various flags (L, Pr, Sc, Req, Uni, Inde, Hid, Hid, Align, Width, Sort, Key, Order, Defau, D, Pattern, Class Path, Foreign Prop, Tooltip, Help Text, Track History, Item Behavior). The table lists several properties: 'authoring_tool', 'authoring_tool_ve...', 'classification', 'config_id', and 'created_by_id'.

Name	Label	Data Type	Data Source	L	Pr	Sc	Req	Uni	Inde	Hid	Hid	Align	Width	Sort	Key	Order	Defau	D	Pattern	Class Path	Foreign Prop	Tooltip	Help Text	Track History	Item Behavior
authoring_tool	Authoring...	List	Authoring Tools	6...				☐	☐	☐	☐	Left	150	896									☐	Float	
authoring_tool_ve...	Authoring...	String		3...				☐	☐	☐	☒	Left	100	1024									☐	Float	
classification	Type	String		5...				☐	☐	☐	☐	Left	120	512									☐	Float	
config_id		Item	Document					☒	☐	☐	☒	Left		2688									☐	Float	
created_by_id		Item	User					☒	☐	☐	☒	Left		640									☐	Float	

In the screenshot, we see the multi-lingual dialog for the Singular Label.

Important

The Singular Label has an ellipsis button next to the field. Selecting this ellipsis opens the multi-lingual dialog and enables you to input languages for locales other than the current one. You can open the same dialog by putting the cursor into the field and



press F2 on your keyboard.

For properties in relationship grids, you need to put the cell into edit mode and then press F2 on your keyboard to open the multi-lingual dialog.

Forms and Grids display the property value based on the locale of the current session:

The screenshot displays the Aras Innovator user interface. At the top, there's a 'Document' tab with a star icon and a flag. Below it is a toolbar with buttons for Save, Done, Discard, and other actions. The main area is divided into two panels. The left panel shows the 'Item Type' configuration for 'Document', including fields for Name, Singular Label, Plural Label, Show Parameters Tab, and icons. The right panel shows the 'Properties' table for the 'Document' item type. The table has columns for Name, Label, Data Type, and Data Source. The data rows show properties like authoring_tool, authoring_tool_ve..., classification, config_id, and created_by_id.

Name	Label	Data Type	Data Source
authoring_tool	Authoring...	List	Authoring Tools
authoring_tool_ve...	Authoring...	String	
classification	Type	String	
config_id		Item	Document
created_by_id		Item	User

If the multi-lingual property has a value for the language defined by the current session local, then the value appears; otherwise, the value for the default language (English) appears. The same rule applies for the xml resource defined UI elements, like the toolbar text.

Date Properties

Starting with version 10, Aras Innovator displays date properties based on user's language preferences specified in the browser. Date-Times are stored in the database as UTC (Universal Time Code).



On the client, the date-time is interpreted one of two ways.

- If the Corporate Time Zone is set, then all DateTime values are displayed and applied in Corporate Time Zone.
- If the Corporate Time Zone is not set, then all DateTime values are displayed and applied in the time zone established by the local client session.

For user input, the new date dialog indicates whether the date-time input is based on local time zone or corporate time zone

Time indicates whether to pass a specific Time Value or to use None, in which case 12AM is used instead, although the UI may not display this option if time is not part of the property's pattern.

The Time Zone set of radio-buttons serves only as an indicator of what time zone is used by the client. If a 'Corporate Time Zone' is used by Aras Innovator, then the Corporate radio button is checked and the Local radio button is disabled. If a 'Corporate Time Zone' is not used by Aras Innovator, then the Local radio button is checked and the Corporate radio button is disabled.

The screenshot shows a web-based date and time selection dialog. At the top, it says "Date dialog -- Webpage Dialog". Below this is a calendar for December 2012. The days of the week are abbreviated as Mo, Tu, We, Th, Fr, Sa, Su. The dates are arranged in a grid. The 24th is highlighted. Below the calendar, there are three years: 2012, 2013, and 2014. Below the years, there is a blue bar that says "Today: 24/12/2013 11:12:16". Below this bar, there is a "Time:" label followed by two radio buttons: "None" and "11:12:03". The "11:12:03" radio button is selected. Below the time selection, there is a "Time Zone:" label followed by two radio buttons: "Corporate" and "Local". The "Local" radio button is selected.

Locale Neutral Properties

Decimal and float properties are also stored in the database in a locale Neutral format. The format of the dates and numbers displayed in the Aras Innovator UI is determined from the DOJO toolkit as well as the .Net Localization libraries.

