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Localization of the Console

FIRELIGHT BASE

FireLight®

Platform

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iConnect 233782 Design Approach - Localization of the Console

Project Overview

To continue with the Localization of FireLight, we are looking to add localization to the console. For this release, we are focusing on Spanish translations only, and will move to other languages in the near future. For this release we will be focusing on the Windows version only.

Impacts:

Console - The entire console will be localized for the Spanish language including the home dashboard, the console settings, the Checked out applications tab, and Application History

1   Add a localization method to Console

Get text utility method in FL that will pull the right text down to the console. This will be an equivalent method in console.

Will only encompass utility method. This will need to be able to update the text of labels and other UI components. It might be easiest to extend existing UI components with an extra property that will specify a Key, and use the existing text property as the default text

Keep consistent with the localization retrieval methods - first parameter is the key, second param is the default value, the area should be inferred

We'll likely have two methods - GetText for console text and GetAuditMessage **(check TextManager for existing method names)** for audit messages

We may need to localize things like enums or lists of items - lists are stored in the ListProfile table for localization

2 Console Localization: Downloading the data and caching on console

We need the ability to get any data down to the device from the server (FireLight).

We will only download localization labels that are relevant to console.

This will also need to include any localization items with an area of System and a TextType of AuditMessage. These will be used to localize local audit messages generated in Console.

Acceptance Criteria

- Any and all data will need to be able to be transferred from the device to the server.
- For Console, this will apply for Forms only
- This needs to be applied for Windows only

3 Decide on a key to separate console localization in the database

Need to figure out how to split out console data to only download console localization. We want to only pull down localization records relevant to Console if possible.

4 Console Localization: Apply Existing Localization to Console History

We need to create the ability for any application history that has been localized through FireLight to be transferred to the console. This would apply to all of the columns associated with application history (Status, Activity, Log, and Date/time)

At this time, Console only shows audit messages that have been created on Console - all application history is not downloaded. This will not change, but any audits that are generated and shown on the checked out application will need to be localized using the cached localization data.

Decided to pull down the list of System AuditMessage items from the localization table as well as Console items.

Application History on Console

Status	Activity	Log	Date/Time
Data Entry	UpdatedByAgent	Application was updated by 'Julie_FLADEMO_TEST'.	11/23/2020 3:02:02 PM

Acceptance Criteria

- When in the console, the application history content will be localized in Spanish
- Status, Activity, Log, and Date/Time will be localized in Spanish
- For Console, this will apply for Forms only
- This needs to be applied for Windows only

5   Localize all areas of text within Console

Use the utility used to localize all texts within the attached spreadsheet.

EITS may be utilized to do the actual localization of text in code.

6   Set localization language in console

Add a Locale to specify the language in the console.

This dropdown will be located on the Settings page on Console. It will need to be stored across multiple console sessions.

If possible, initialize this value to the preferences for the user in FireLight.

L: Console Settings

L: Device Information

L: Device Name:	FLADemo QE Next 2.20	**L: Reset Password**
L: Last Heartbeat:	2/5/2021 10:53:58 AM	**L: Reset Cache**
L: Password Expiration:	5/4/2021 5:16:26 PM	**L: View Error Logs**
L: Enable multiple device profiles:	☐	**L: Deactivate Device**
L: Allow Undo Checkout:	☐	**L: License Info**
L: Network Connectivity:	L: Connected	
L: Locale:	English ⌄	

English
French

L: Close