

Language Localization

for Unity Engine

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Content

— — —

[Localization Manager](#)

[Language Setup](#)

[API](#)

[FAQ](#)

[Support](#)

Localization Manager

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Language Localization is a simple tool for localizing any application's text. The plugin includes a user-friendly Editor Window that allows you to set up keys corresponding to the localized text in any language.

To access the Localization Manager window, go to **Window/Localization Manager**.

First, you need to **create a Localization Manager file** to store the keys you create.

If the Localization Manager file already exists, you can start creating keys immediately. You can also create custom categories for clearer organization.

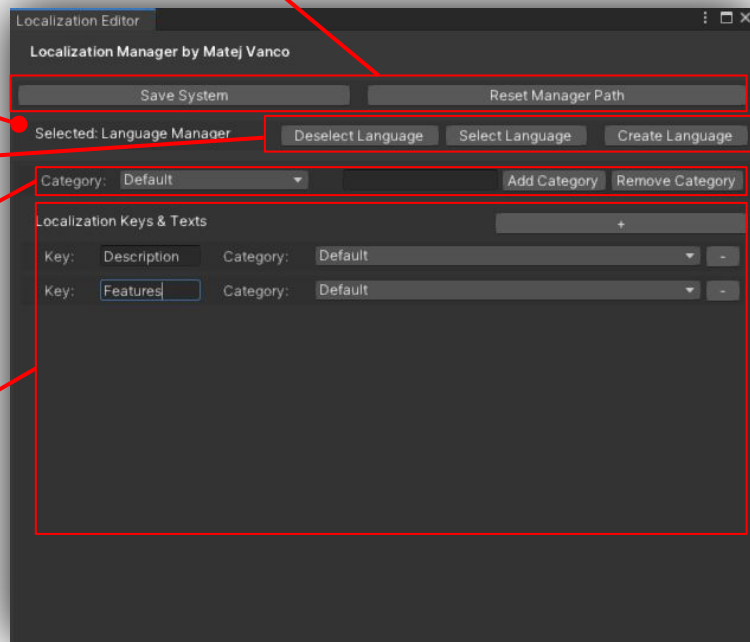
Save the entire system & reset Localization Manager path

Currently selected file

Select/ Deselect or Create a language file

Create, Choose & Remove category

Created keys array;
Key Name, Key Category



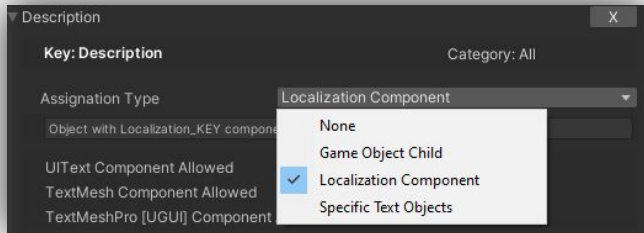
Language Setup

If the Localization Manager file exists, you are able to create a language file.

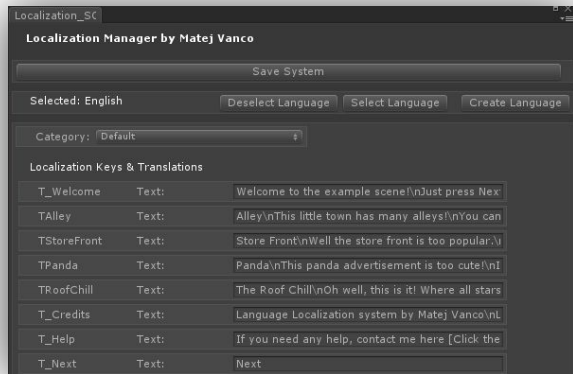
1. Create couple of keys that will represent text you want to localize.
2. Click **Create** or **Choose** language (if you have one)
3. Add text for each key

To check the results, go to your **Scene** and choose any object that will represent **Localization Source**. Add **Localization Source** component.

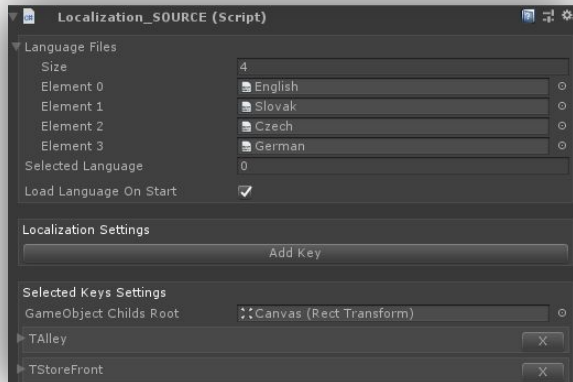
Add **language files** and you can easily choose any key.
The key can be assigned to **Text-Mesh**, **Text-Mesh-Pro** or **UI-Text**.
You can also **automate** the process of the text object assignment by choosing between 4 **Assignment Types**.



Language file selected in Localization Editor



Language Localization on object



API

The Language Localization has a tiny API. The API can be found in the **Localization_SOURCE.cs**

public void RefreshTextElementsAndKeys()

- Refresh all resource texts by the selected options *(it is either called OnAwake automatically)*

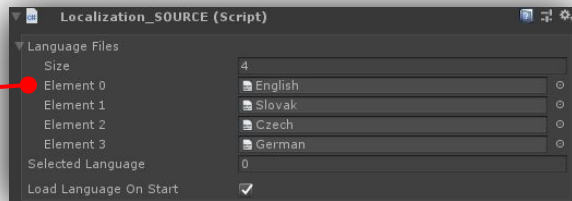
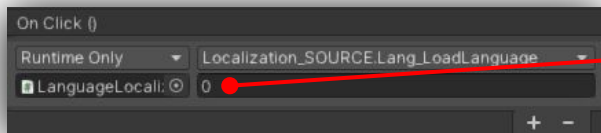
public void LoadLanguage(int languageIndex)

- Load a language database by the given language index

public void ReturnText(string keyInput)

- Return existing text by the specific key input in the currently selected language

You can call these methods via UI Buttons or scripts.



You can also declare your own method and subscribe to **event action OnLanguageLoaded()**.

FAQ

1. **Is Language Localization compatible with mobile devices?**

- Yes, it is compatible with all operating systems & devices.

2. **How many languages am I able to create?**

- As many as you wish!

3. **Am I able to use diacritics?**

- Yes, you are able to use diacritics as well as interpunction.

4. **Am I able to edit translations in custom text editor?**

- Yes, you can edit translations wherever you wish. Fortunately the **LL** plugin does contain custom Language Editor Window that will help you edit translations in a quick & effective way. Check the [Localization Manager](#) slide for more.

5. **Am I able to make new lines in translations?**

- Yes, you are able to make new lines, tabs, breaks and all these stuff without any issue.

6. **Am I able to assign localized text to my internal variable?**

- No, **LL** plugin doesn't contain such a feature, so it's necessary to do it by yourself.

Example: Create a key with translation that contains your-defined macro (eg. Kill count is #N#). In your code, call `ReturnText(YourKeyWithMacro)` and replace the #N# macro with any value you wish.

7. **Does the plugin contains any example scene?**

- Yes, **LL** plugin does contain a quick example scene with example language database.

8. **Does the plugin support TMP?**

- Yes, **LL** plugin does support TMP (Text Mesh Pro). UGUI version only!

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Thank you!

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