



User Guide

**Translation Snippet Integration  
Help Manual**

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## Introduction

The web based JavaScript snippet enables end-users to translate a webpage to different Indian languages. It can be easily integrated in any web based application by including and calling JavaScript based API.

**Table 1.1 - Supported languages and their codes**

| S.no. | Name        | Code |
|-------|-------------|------|
| 1     | Assamese    | asm  |
| 2     | Bengali     | ben  |
| 3     | Boro        | brx  |
| 4     | Dogri       | dgx  |
| 5     | Gujarati    | guj  |
| 6     | Hindi       | hin  |
| 7     | Kannada     | kan  |
| 8     | Kashmiri    | kas  |
| 9     | KashmiriPA  | ksp  |
| 10    | Konkani     | kon  |
| 11    | Maithili    | mai  |
| 12    | Malayalam   | mal  |
| 13    | Manipuri    | mni  |
| 14    | Marathi     | mar  |
| 15    | MeeteiMayek | met  |
| 16    | Modi        | mod  |
| 17    | Nepali      | nep  |
| 18    | OLCHIKI     | olc  |
| 19    | Oriya       | ori  |
| 20    | Punjabi     | pan  |
| 21    | Sanskrit    | san  |
| 22    | Santali     | sat  |
| 23    | Sindhi      | snd  |
| 24    | SindhiPA    | sdp  |
| 25    | Tamil       | tam  |
| 26    | Telugu      | tel  |
| 27    | Tenyidie    | ten  |
| 28    | Urdu        | urd  |

Web page translation by Translation Code Snippet can be achieved in three ways in terms of UI design.

### 1. Complete control over UI and language selection option



Fig. 1.1 - Complete control over UI and language selection option

### 2. Single combo box with language selection option



Fig. 1.2 - Single combo box with language selection option

### 3. Language selection option in form of a bar on top of the webpage



Fig. 1.3 - Language selection option in form of a bar on top of the webpage

## Integration –

Add following script tag on every web page or on master page where you want to use translation service provided by CDAC GIST.

```
<SCRIPT TYPE="TEXT/JAVASCRIPT"
SRC="https://gistlangserver.in/Content/WSLToolbar/Scripts/Snippets/js/cdac-gist-translation-snippet.min.js"></SCRIPT>
```

NOTE 1 – This Script tag needs to be added just before the end of <HEAD> Section, This step is common for all three methods as described below.

NOTE 2: CDAC Gist Translation Snippet will translate every English string on the page. If you want some particular data to not get translated add 'NALOC' as a class selector.

e.g. `<p class='NALOC'> Do not translate </p>`

NOTE 3: You need to import JQuery version 1.11.X and above on the page before this script tag.

### **Method 1: Complete control over UI and language selection option**

This method allows website developer to design their own UI for translation feature. Developer need to call a function and pass the language name to provide Indian language translation.

#### **Integration steps -**

1. User needs to call the function `setLanguageForTranslation(LanguageName)` on their custom created UI events.

Parameters -

- **LanguageName:** Name of the supported language for translation (complete language name).

User can create their custom UI like Combo box, button, and hyperlinks and can call this function on respective events.

e.g.

Creating an html button and calling function on its click event.

```
<button id="btn-translate" class="NALOC"  
onclick="setLanguageForTranslation('hindi')">Translate To Hindi</button>
```

*NOTE: Language Name should be as described in Table 1.1.*

*Call setLanguageForTranslation('english') to again set the page in English.*

### **Method 2: Single combo box with language selection option**

By using this method a simple combo-box will get inserted in the webpage for language selection as Shown in Fig. 1.2.

Website developer can place this combo-box in any container tag on the web page and apply CSS on this container tag to change the appearance of this combo-box.

### Integration steps -

1. Add a container e.g. <div> tag with any ID at the position where you want to place the language selection combo-box to appear on webpage.  
e.g. `<DIV id = "CDACGISTWebLocalisationDIV">`  
Height, Width and other styles can be set by developer of this <DIV> tag to modify the appearance of combo-box, otherwise it will take default.
2. This Id need to be passed to function `setLanguageComboBox(IdOfContainer)`, which needs to be called in `Document.Ready()` event.

e.g.

```
<script>  
    $(document).ready(function () {  
        setLanguageComboBox("CDACGISTWebLocalisationDIV ");  
    });  
</script>
```

**Note - CSS of the container tag will get applied to the combo box.**

### **Method 3: Language selection option in form of a bar on top of the webpage**

In this method user will get translation UI in the form of a bar on the top of the webpage.

This is the easiest way to integrate CDAC GIST Web Translation feature on page but with no control over UI design.

### Integration steps -

1. Call the method `showSnippetBar()` inside `document.ready()` event.

e.g.

```
<script>  
    $(document).ready(function () {  
        showSnippetBar();  
    });  
</script>
```

## Platform Supported

| Operating System | Browser    | Supported |
|------------------|------------|-----------|
| Windows 7 64 bit | IE 8       | No        |
|                  | IE 9       | No        |
|                  | IE 10      | Yes       |
|                  | IE 11      | Yes       |
|                  | Chrome     | Yes       |
|                  | Firefox    | Yes       |
| Windows 8 64bit  | IE 10      | Yes       |
|                  | IE 11      | Yes       |
|                  | Firefox    | Yes       |
|                  | Chrome     | Yes       |
| Linux(Cent OS 7) | Firefox    | Yes       |
|                  | Chrome     | Yes       |
| Linux(Ubuntu14)  | Firefox    | NO        |
| Android KitKat   | Chrome     | Yes       |
|                  | Opera mini | Yes       |
| Mac OSX          |            | Yes       |

## Appendix

### Behavior of Snippet is case of Go-Translate Plugin is present

**Method 1:** Complete control over UI and language selection option  
And

**Method 2:** Single combo box with language selection option

Snippet will get removed in case of these two approach as soon as plugin is enabled on chrome browser.

**Method 3:** Language selection option in form of a bar on top of the webpage

Snippet will not get removed in case of this approach after enabling plugin on chrome browser.

**NOTE:** To enable snippet removal add a class to the html element named "gistLangButton".

EX: `<a id="convertToHin" class="gistLangButton" onclick="setLanguageForTranslation('hindi')"`  
`href="#">Convert To Hindi</a>`

## Screenshots

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### Method 1: Complete control over UI and language selection option



### Method 2: Single combo box with language selection option



**Method 3: Language selection option in form of a bar on top of the webpage**



**Contact Us**

For further queries related to the product please contact us on: [lpmf.gist@cdac.in](mailto:lpmf.gist@cdac.in)