

## < Multilingual conversion of workflow > Workflow Translator



### 1. Overview

When you understand a workflow in a non-native language (for example, English), you can output and use a workflow translated into your native language (for example, Japanese). It can also be used when you want to convert your native language workflow to another language and provide it overseas.

- \* Translation is a machine translation using the LanguageApp class of Google Apps Script.
- \* Activity display names, annotations, and descriptions of comment activities are translated.
- \* An Internet connection is required for this activity to work.
- \* A translation application needs to be built with Google Apps Script. See the following pages for the construction procedure. You can try it with a free Google account, but Google Apps Script has usage restrictions. Please check Google Terms of Service for details.

### Dependencies

- Google Apps Script
- UiPath.Web.Activities 1.4.4

### Compatibility

- UiPath.Studio 19.4.0

### Example of conversion result

Before (example: English)	After (example: Japanese)

## 2. Activity description

Activity name	Function	Property
TranslateWorkflowFile	Translate the specified Xaml file.	<ul style="list-style-type: none"> <li>•<u>SourceFilename</u> The path file to read.</li> <li>•<u>OutputFilename</u> The Path of the File to Write to.</li> <li>•<u>SourceLanguage</u> The source language(Example: "en")</li> <li>•<u>TargetLanguage</u> The target language(Example: "ja")</li> <li>•<u>TimeoutMilliseconds</u> Timeout to wait for request to completed. (milliseconds) If not specified, wait 30 seconds.</li> <li>•<u>WebApplicationURL</u> Enter a GoogleAppsScript "Web application URL".</li> </ul>
TranslateProject	By specifying the project folder, all Xaml files including sub directories are translated.	<ul style="list-style-type: none"> <li>•<u>ProjectFolder</u> The project path to read.</li> <li>•<u>OutFolder</u> The Path of the Folder to Write to. A folder with the same name as the original folder is created.</li> <li>•<u>SourceLanguage</u> The source language(Example: "en")</li> <li>•<u>TargetLanguage</u> The target language(Example: "ja")</li> <li>•<u>TimeoutMilliseconds</u> Timeout to wait for request to completed. (milliseconds) If not specified, wait 30 seconds.</li> <li>•<u>WebApplicationURL</u> Enter a GoogleAppsScript "Web application URL".</li> </ul>

\* The property setting value to specify the language is set to "en" (English) ⇒ "ja" (Japanese) by default. To specify a language in another country, refer to the code at the URL below.

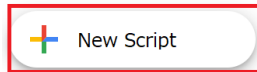
<https://cloud.google.com/translate/docs/languages>

### 3. How to build a translation app using Google Apps Script

#### (1) Access Google Apps Script

Access <https://script.google.com/>. Click [New Script].

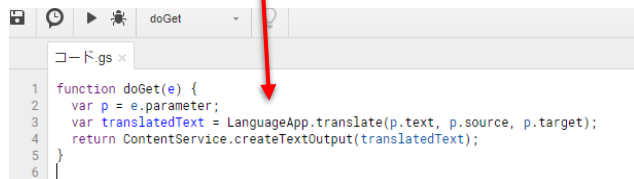
≡ G Suite Developer Hub



#### (2) Make the code

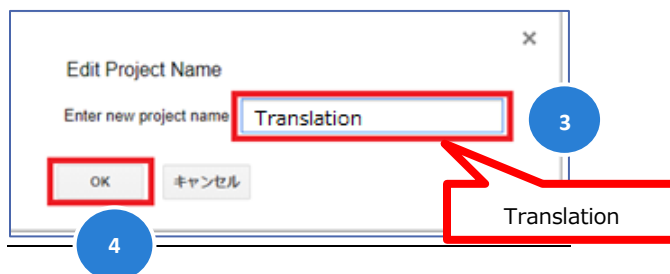
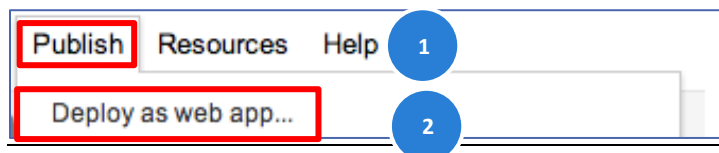
Make the code (Copy and paste the code below)

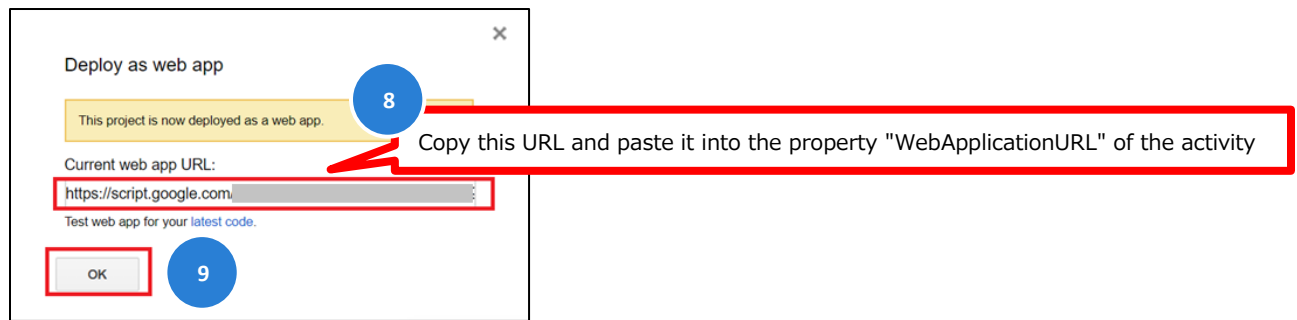
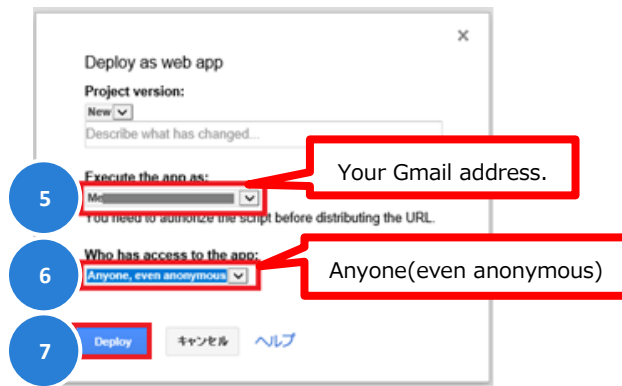
```
function doGet(e) {  
  var p = e.parameter;  
  var translatedText = LanguageApp.translate(p.text, p.source, p.target);  
  return ContentService.createTextOutput(translatedText);  
}
```



#### (3) Publish

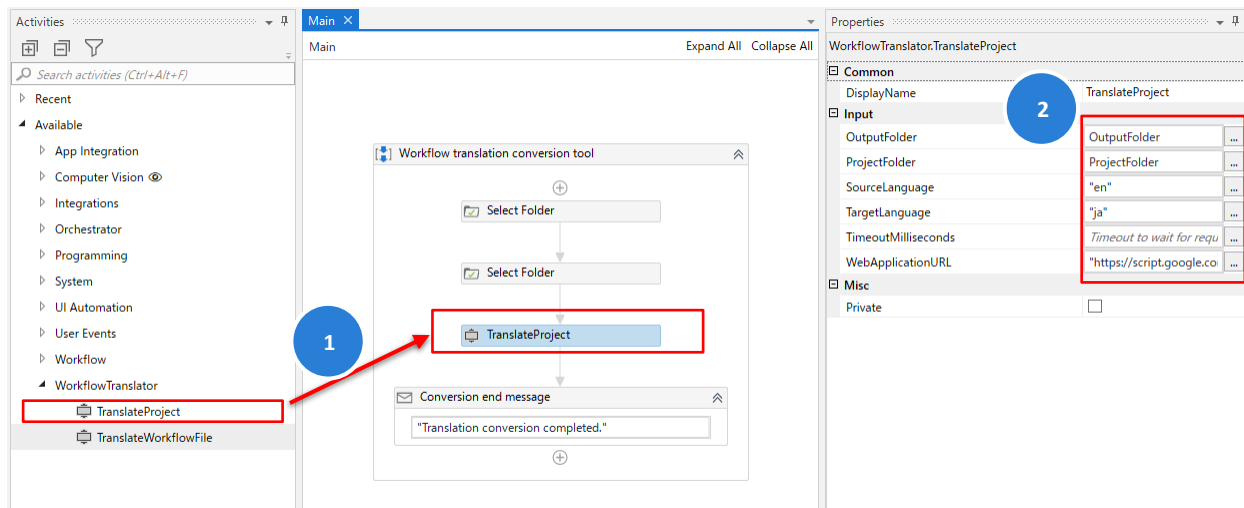
Publish as follows.





## 4. Usecase

### Example of creating a tool to convert an English version project to a Japanese version



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