How I support over 100 languages in my React app...and you can too!

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Use your preferred cloud service provider



Keep using your existing i18n/l10n tools

Problem Statement

Most websites/web apps **only** publish content in one language, which is **not convenient for users** and is **not inclusive** of people for whom that language is not their primary language.

One option: Azure AI Translator

Pros:

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- Still requires auditing

Scenario 1: Translate JSON content

```
"data": [
  "slug": "dynamic-routing",
  "data": {
  "title": "Dynamic Routing and Static Generation",
   "excerpt": "Lorem ipsum...",
   ....
  ł,
  "content": "Lorem ipsum..."
 },
 ....
```

export async function getPostBySlug(slug, locale) {
 const post = posts.data.find(post => { return post.slug === slug });
 let { data, content } = post;

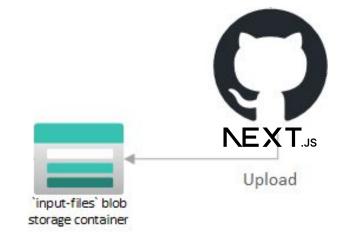
data.title = await translate(locale, data.title); data.excerpt = await translate(locale, data.excerpt); content = await translate(locale, content);

```
return { ...data, slug, content };
```

// Example:
// getPostBySlug('document-translation', 'en-us');

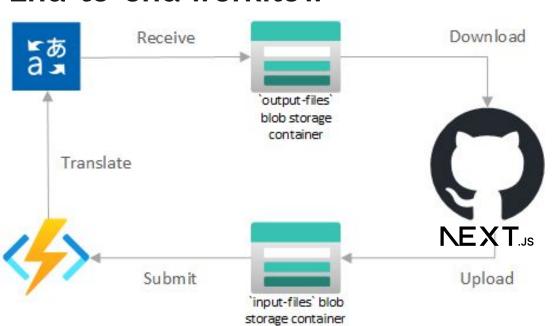
Scenarios 2 and 3: Translate HTML/Markdown

End-to-end workflow

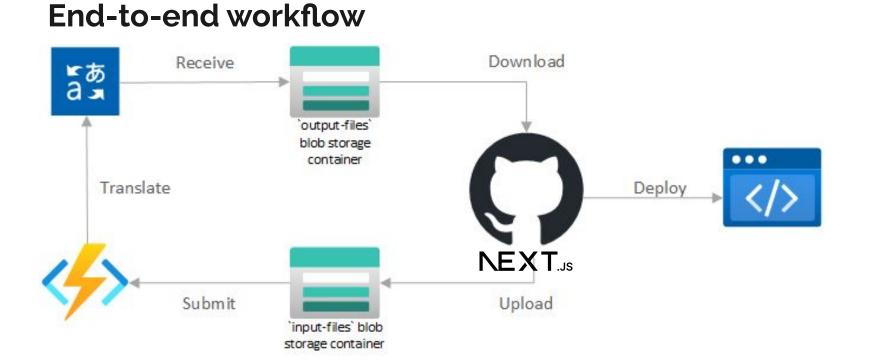


End-to-end workflow





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- Translating HTML
- Translating Markdown

Helpful links

- GitHub repo - <u>https://github.com/richardcarrigan/multilin</u> gual-nextis



References

 Language support -<u>https://learn.microsoft.com/en-us/azure/ai</u> -<u>services/translator/language-support</u>
 NMT vs SMT -<u>https://learn.microsoft.com/en-us/globaliza</u> tion/localization/ai/ai-and-llms-for-translat

<u>ion</u>

Thank you!

in /richardcarrigan



X/Rich_Carrigan

