



Next '17 Extended

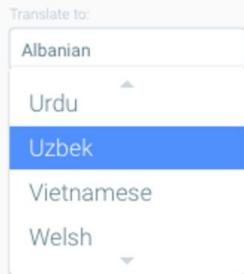
**Dynamically translate between thousands of language with the
Cloud Translation API**

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STARTUP HACKER

WTH is Google Translation API?

Cloud Translation API provides a simple programmatic interface for translating an arbitrary string into any supported language. Translation API is highly responsive, so websites and applications can integrate with Translation API for fast, dynamic translation of source text from the source language to a target language (e.g., French to English).

Features



Translate Many Languages

Translation API supports more than one hundred different languages, from Afrikaans to Zulu. Used in combination, this enables translation between thousands of language pairs.

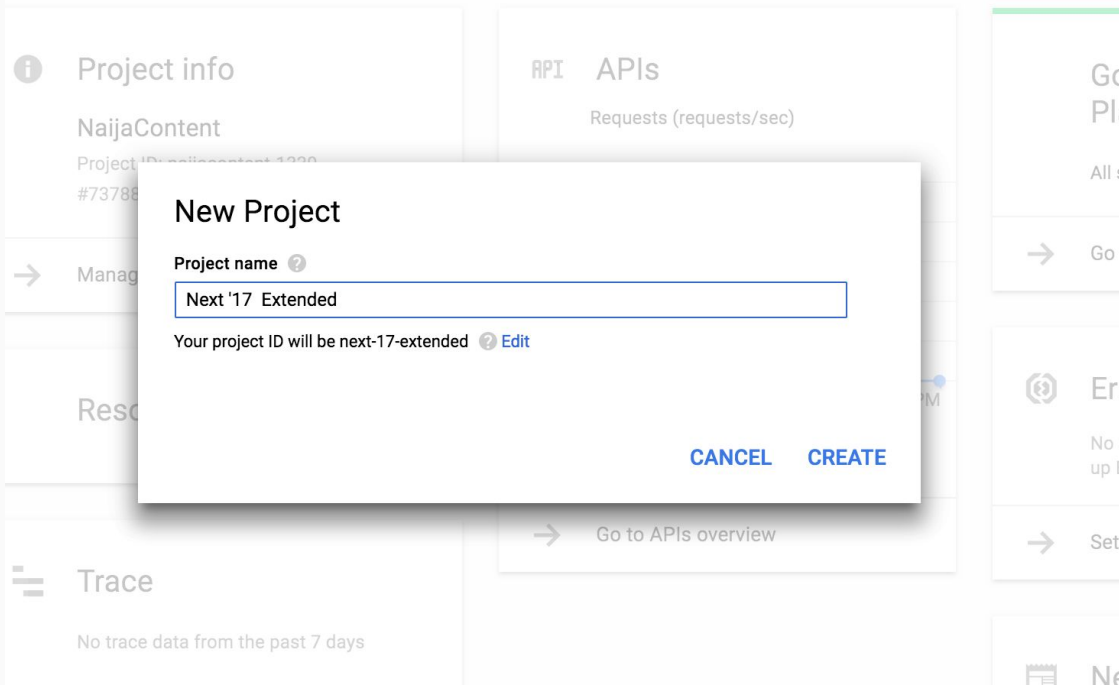
Language Detection

Sometimes you don't know your source text language in advance. For example, user generated content might not contain a language code. Translation API can automatically identify languages with high accuracy.



HOW-TO

1. CREATE A NEW PROJECT



1. Create a new project in the GC console
2. Enable the Cloud Vision API
3. Create a new credential (make sure you choose the API key option)
4. Copy your API key somewhere safe

HOW-TO

1. CURL USAGE

1. Create a json file e.g translate.json
2. `curl -s -X POST -H "Content-Type: application/json" --data-binary @translate.json https://translation.googleapis.com/language/translate/v2?key={your API key}`

Sample json request body

```
1  {  
2    "q": "Children are the future",  
3    "source": "en",  
4    "target": "yo",  
5    "format": "text"  
6  }
```

HOW-TO

1. CURL USAGE (contd) *Sample json response body

```
{
  "data": {
    "translations": [
      {
        "translatedText": "Awọn ọmọ ni o wa ni ojo iwaju"
      }
    ]
  }
}
```

HOW-TO

1. LIBRARIES

Python - `pip install --upgrade google-cloud-translate`

GO - `go get -u cloud.google.com/go/translate`

Nodejs - `npm install --save @google-cloud/translate`

PHP - `composer require google/cloud`

Ruby - `gem install google-cloud-translate`

DEMO WEBAPP

<https://github.com/olucurious/Next-17-Extended>

Cloud Translation Demo

enter text to translate here

-- choose source language --



-- choose target language --



Translate

THANK YOU!

More info @
<https://cloud.google.com/translate>

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