Milestone3

Group2

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We would like to use google translate cloud service for our project.

Tutorial link-

https://cloud.google.com/translate/docs/advanced/setup-advanced

This service can help us to translate the messages used in the chatbot. As most of the collected information is in english, we want to translate them into chinese.

Specifically, we allow users to choose languages when they use the chatbot, for example-



Healthcare\_chatbot





of the chatbot, reply 'quit'

13:15

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quit

Hi, to use this chat botreply 1, ask some news about coronavirus reply 2, ask some frequently asked questions about coronavirus reply 3, ask the location about nearby patients or suspected patients

to choose english, reply en to choose chinese, reply zh

if you want to use other functionalites of the chatbot, reply 'quit'

13:15

13:15

zh

中文模式。

如果您想使用聊天机器人的其他功能, 请回复"退出"

13.15

已讀



嗨,要使用此聊天机器人-答复1,询问有 关冠状病毒的一些新闻,答复2,询问有关 冠状病毒的一些常见问题,答复3,询问 有关附近患者或疑似患者的地点,选择英 语,答复en选择中文,答复zh

> 如果您想使用聊天机器人的其他功能, 请回复"退出"

13:15





To use google translate cloud service, we need to set up authentication and build a project in google. Then pip install the google translate package. Sample codes-

```
client = translate.TranslationServiceClient()

parent = client.location_path(project_id, "global")

response = client.translate_text(
    parent=parent,
    contents=["Hello, world!"],
    mime_type="text/plain", # mime types: text/plain, text/html
    source_language_code="en-US",
    target_language_code="zh",
)

# Display the translation for each input text provided
for translation in response.translations:
    print(u"Translated text: {}".format(translation.translated_text))
```