

Future work advice

This document is for advising the future modification work in AI story reader software.

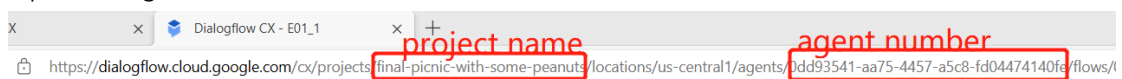
1. How to change the Book agents:

Open the flow.py, notice a function 'init' in class flow:

```
pass
if(self.book == 'picnic' and self.NQ_flag == False):
    try:
        self.Credential = Credentials.from_service_account_file("keys/picnic_key.json")
    except:
        print("no key found")
        self.key_exist = False
        return
    self.key_exist = True
    project_id = "final-picnic-with-some-peanuts"
    if(self.read == 1):
        agent_id = "0dd93541-aa75-4457-a5c8-fd04474140fe"
    elif(self.read == 2):
        agent_id = "758c0020-58ff-45bd-9b1d-48e799c55dfe"
    elif(self.read == 3):
        agent_id = "ae1a91bb-a38a-4d45-827a-530e44910c0c"
elif(self.book == 'picnic' and self.NQ_flag == True):
    try:
        self.Credential = Credentials.from_service_account_file("keys/picnic_key.json")
    except:
        print("no key found")
        self.key_exist = False
        return
    self.key_exist = True
    project_id = "final-picnic-with-some-peanuts"
    if(self.read == 1):
        agent_id = "a95e2230-678f-48f7-857e-3309bee06f97"
    elif(self.read == 2):
        agent_id = "a6ea0f8a-d65e-481d-8249-01c4c01df4d1"
    elif(self.read == 3):
        agent_id = "b31218dc-7483-45fd-ae98-e45ea36c8d93"
```

How to find project name and agent number:

Open dialogflow CX website:



The screenshot shows the Dialogflow CX website interface. The browser tab is labeled 'Dialogflow CX - E01_1'. The URL bar shows 'https://dialogflow.cloud.google.com/cx/projects/final-picnic-with-some-peanuts/locations/us-central1/agents/0dd93541-aa75-4457-a5c8-fd04474140fe/flows/'. The project name 'final-picnic-with-some-peanuts' and the agent number '0dd93541-aa75-4457-a5c8-fd04474140fe' are highlighted with red boxes and labeled 'project name' and 'agent number' respectively.

2. Where to change the output TTS voice:

Look for a function 'send_audio'

gTTs is used in current version just for convenience . Remove gTTS and add your own tts here:

```
def send_audio(self, text):
    if (self.check_init()):
        message = self.detect_intent_audio(text)
        if(message != ''):
            language = 'en'
            myobj = gTTS(text=message, lang=language, slow=False)
            self.question += 1
            out_dir = f'computer_voice_output/feedback,{self.book},{self.read},{self.user_name},{self.question}.mp3'
            myobj.save(out_dir)
            self.block_signal = True
            winplaysound.playsound(out_dir)
            self.block_signal = False
        else:
            print("no message received")
    else:
        print("can't send your request, please select a book and reading! or check your internet connection and key file")
```