

PROJET 10 : Développez un chatbot pour réserver des vacances

Présentation “Projet 10” chez “OPENCLASSROOM”
Jaoid KRAIRI
(Juin 2022)

RESUME DE L'ENSEMBLE DE LA PRESENTATION DU PROJET

1

Introduction

2

Construction d'un MVP

3

Tester rapidement les fonctionnalités

4

Tester le concept à grande échelle

5

Pilotage de la performance



1/ PRESENTATION BREVE DU PROJET

- ✓ Fly Me propose des voyages clé en main,
- ✓ Développer un chatbot,
- ✓ Aider les utilisateurs à choisir une offre de voyage,
- ✓ Construire un MVP,
- ✓ Aider les employés de Fly Me.





2/ IDENTIFICATION DES 5 ELEMENTS A EXTRAIRE DU JEU DE DONNES

- ✓ **Ville de départ,**
- ✓ **Ville de destination,**
- ✓ **Date aller souhaitée du vol,**
- ✓ **Date retour souhaitée du vol,**
- ✓ **Budget maximum pour le prix total des billets.**

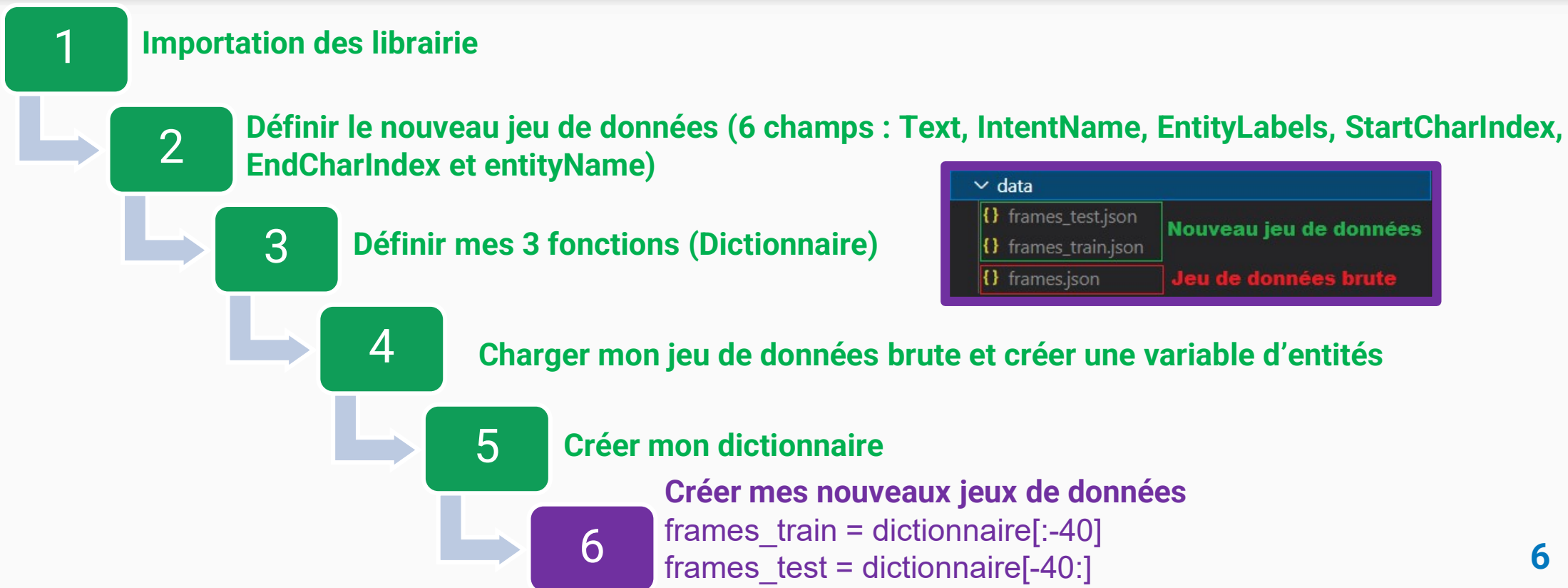


1/ DONNEES D'ENTREE DE MON CHATBOT

- ✓ Jeu de données trop riche,
- ✓ Les fonctionnalités de la V1 se limitant à 5 éléments,
- ✓ Jeu de données au format Json,
- ✓ Adapter le jeu données aux fonctionnalités de la V1,
- ✓ Préparer 2 jeux de données d'entrées.



2 / CREATION DE MES DEUX JEUX DE DONNEES





3/ QU'EST-CE QUE LE MODELE LUIS ?

- ✓ Identifier des informations dans les conversations,
- ✓ Interpréter les intentions des utilisateurs,
- ✓ L'un des services de Microsoft Azure,
- ✓ Effectuer un premier filtre sur les phrases saisies,
- ✓ Entraîner et tester le modèle LUIS.



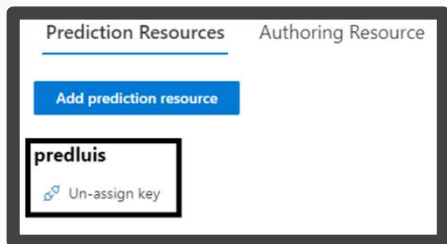
4/ DETAIL REALISATION DU MODELE LUIS

- ✓ **Le fonctionnement du modèle luis,**
- ✓ **Après l'étape 6 réalisation de 12 étapes supplémentaire,**
- ✓ **En langage naturel au texte en langage naturel des conversations,**
- ✓ **Prédire le sens générale et extraire des informations,**
- ✓ **L'application luis stock le modèle de traitement (Intentions, Entités et Enoncés).**



4/ CREATION DE MON MODELE LUIS

- 7 Déployer 2 services azure de langage de compréhension ((Entraînement : Authoring_key et authoring_endpoint) et (Prediction : Prediction_key | Et prediction_endpoint))
 - 8 Créer 3 variables supplémentaires (App_name, version_id et intent_name)
 - 9 Créer une variable supplémentaire (Client)
 - 10 Définir les bases de l'application (App_definition)
 - 11 Créer l'application (App_ID)
 - 12 Ajouter une nouvelle Intention (App_ID, version_id et intent_name)
 - 13 Joindre les 2 services Azure (Entraînement et Prédiction)



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4/ CREATION DE MON MODELE LUIS

14

Ajouter les entités (5 éléments à extraire (Model_id))

```
Requête: looking to go from Paris to marseille. book me for july 15 to 28. let me know if its more than 800 because thats all i can afford
Entités détectées:
-> Entité 'marseille' (type: dst_city, score:99%)
-> Entité '28' (type: end_date, score:99%)
-> Entité 'paris' (type: or_city, score:99%)
-> Entité 'july 15' (type: str_date, score:99%)
```

15

Ajouter le jeu de données d'entraînement (app_id, version_id, frames_train[x])

16

Entraîner le modèle LUIS

```
Score budgétaire moyen: 95.15925
Score ville de destination moyen: 95.78516428571429
Score date d'arrivé moyen: 99.493986
Score ville d'origine moyen: 98.89881375
Score date de départ d'origine moyen: 89.86147000000001
```

17

Tester le modèle LUIS avec un seul énoncé

18

Tester le modèle LUIS sur le jeu de données test



5/ INTEGRER MON MODELE LUIS A MON CHATBOT

Base de travail chatbot

bots	Updated sample to use aiohttp telemetry processor, made core bot updates
cognitiveModels	Python Samples (#2078)
deploymentTemplates	Update csharp_dotnetcore samples ARM Templates with preexisting resou...
dialogs	Updated sample to use aiohttp telemetry processor, made core bot updates
helpers	Updated sample to use aiohttp telemetry processor, made core bot updates
NOTICE.md	Python Samples (#2078)
README-LUIS.md	Python Samples (#2078)
README.md	Update Sample 21 + README to add sample code for enabling activity an...
adapter_with_error_handler.py	Updated sample to use aiohttp telemetry processor, made core bot updates
app.py	Update Sample 21 + README to add sample code for enabling activity an...
booking_details.py	Updated sample to use aiohttp telemetry processor, made core bot updates
config.py	Update config.py (#2726)
flight_booking_recognizer.py	Updated sample to use aiohttp telemetry processor, made core bot updates
requirements.txt	Upgrade Python samples to use current packages (#3547)

Chatbot intégrant mon modèle LUIS

.github/workflows	Ajouter	ajout test	yesterday
.vscode	Ajouter	first commit	yesterday
bots	Modifier	first commit	yesterday
deploymentTemplates		first commit	yesterday
dialogs	Modifier	first commit	yesterday
helpers		first commit	yesterday
test	Ajouter	first commit	yesterday
.gitignore	Ajouter	first commit	yesterday
NOTICE.md		first commit	yesterday
README-LUIS.md		first commit	yesterday
README.md		first commit	yesterday
adapter_with_error_handler.py		first commit	yesterday
app.py	Modifier	first commit	yesterday
booking_details.py	Modifier	first commit	yesterday
config.py	Modifier	first commit	yesterday
exemple.txt	Ajouter	texte	yesterday
flight_booking_recognizer.py		first commit	yesterday
requirements.txt	Modifier	first commit	yesterday

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6/ INSTALLER L'EMULATEUR BOT

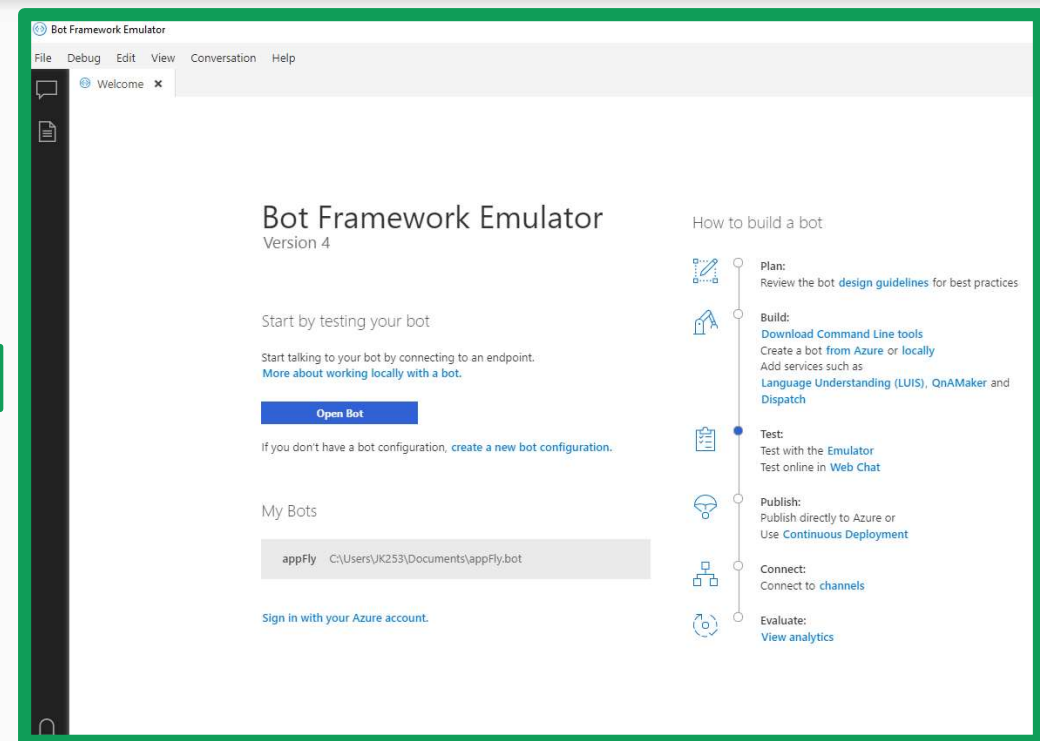
1

<https://github.com/Microsoft/BotFramework-Emulator/releases>

2

BotFramework-Emulator-4.14.1-linux-x86_64.AppImage	134 Mo	12 Nov 2021
BotFramework-Emulator-4.14.1-mac.dmg	115 Mo	12 Nov 2021
BotFramework-Emulator-4.14.1-mac.zip	138 Mo	12 Nov 2021
BotFramework-Emulator-4.14.1-windows-setup.exe	157 Mo	12 Nov 2021
dernier-linux.yml	286 octets	12 Nov 2021
dernier-mac.yml	258 octets	12 Nov 2021
dernier.yml	349 octets	12 Nov 2021
Code source (zip)		11 Nov 2021
Code source (tar.gz)		11 Nov 2021

3



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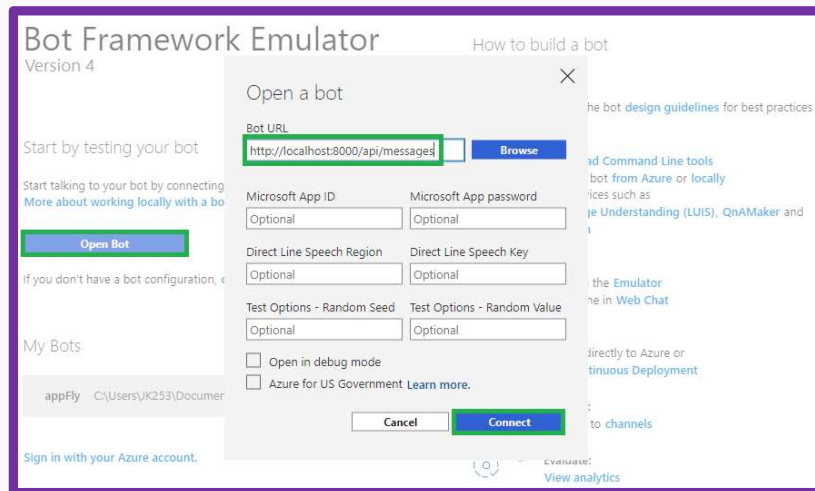
Pilotage de la performance

1/ CONFIGURER MON EMULATEUR

```
config.py M X
config.py > DefaultConfig
1  #!/usr/bin/env python
2  # Copyright (c) Microsoft Corporation. All rights reserved.
3  # Licensed under the MIT license.
4  """Configuration for the bot."""
5
6  import os
7
8
9  class DefaultConfig:
10     """Configuration for the bot."""
11
12     PORT = 8000
13     APP_ID = os.environ.get("MicrosoftAppId", "")
14     APP_PASSWORD = os.environ.get("MicrosoftAppPassword", "")
15     LUIS_APP_ID = os.environ.get("LuisAppId", "9fd16943-ff21-4277-8189-189369fdf4c6")
16     LUIS_API_KEY = os.environ.get("LuisAPIKey", "e10416ba56524b71801d9a9e84ca389f")
17     # LUIS endpoint host name, ie "westus.api.cognitive.microsoft.com"
18     LUIS_API_HOST_NAME = os.environ.get("LuisAPIHostName", "westeurope.api.cognitive.microsoft.com")
19     APPINSIGHTS_INSTRUMENTATION_KEY = os.environ.get(
20         "AppInsightsInstrumentationKey", "a1ed885b-ed68-4a6c-8143-02327c96b63e"
21     )
```

```
def init_func(argv):
    APP = web.Application(middlewares=[bot_telemetry_middleware, aiohttp_error_middleware])
    APP.router.add_post('/api/messages', messages)
    return APP
```

```
C:\Users\JK253\Documents\KRATRI JAOTD 1 application_052022>python app.py
===== Running on http://localhost:8000 =====
(Press CTRL+C to quit)
```



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2/ PRESENTATION DE LA PAGE D'ACCUEIL DU CHATBOT

File Debug Edit View Conversation Help

Welcome Live Chat x
Restart Conversation - New User ID | Save transcript

JSON

Copy json

```
root:
  type: "message"
  timestamp: "2022-05-31T01:07:04.090Z"
  serviceUrl: "http://localhost:53933"
  channelId: "emulator"
  from:
    conversation:
    recipient:
      locale: "en-US"
      text: ""
      inputHint: "acceptingInput"
  attachments:
    entities:
      replyToId: "fbaf3460-e07d-11ec-b413-8fd805200312"
      id: "fbc0e7a0-e07d-11ec-b413-8fd805200312"
      localTimestamp: "2022-05-31T03:07:04+02:00"
```

```
[03:07:03] Connecting to bot on http://localhost:8000/api/messages
[03:07:03] Emulator listening on http://[::]:53933
[03:07:03] ngrok not configured (only needed when connecting to remotely hosted bots)
[03:07:03] Connecting to bots hosted remotely
[03:07:03] Edit ngrok settings
[03:07:03] -> conversationUpdate
[03:07:04] <- message application/vnd.microsoft.card.adaptive
[03:07:04] POST 200 directline/conversations/<conversationId>/activities
```



Bienvenue chez Fly Me!

Je vous assiste virtuellement avec Fly Me et je peux vous prendre un vol pour vos prochaines vacances. Dites 'Hi' pour commencer.

Obtenir un visuel du vol en temps réel

Just now

Type your message **Ecrire la demande puis appuyer sur entrée**



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3/ EXEMPLE DE MISE EN SITUATION DE MON CHATBOT

The screenshot shows a chatbot interface for 'FLY ME'. The chat window displays a welcome message: 'Bienvenue chez Fly Me! Je vous assiste virtuellement avec Fly Me et je peux vous prendre un vol pour vos prochaines vacances. Dites 'Hi' pour commencer.' Below this is a button labeled 'Obtenir un visuel du vol en temps réel'. The chat history shows a user input 'hi' and a bot response 'What can I help you with today?'. To the right, a JSON log displays the message details, including timestamp, service URL, and conversation ID. The interface includes a top menu bar with 'File', 'Debug', 'Edit', 'View', 'Conversation', and 'Help'.

File Debug Edit View Conversation Help

Welcome Live Chat x

Restart Conversation - New User ID | Save transcript

FLY ME

Bienvenue chez Fly Me!

Je vous assiste virtuellement avec Fly Me et je peux vous prendre un vol pour vos prochaines vacances. Dites 'Hi' pour commencer.

Obtenir un visuel du vol en temps réel

37 minutes ago

hi

Just now

What can I help you with today?

type your message

```
JSON
Copy json
{
  "root": {
    "type": "message",
    "timestamp": "2022-05-31T01:07:04.090Z",
    "serviceUrl": "http://localhost:53933",
    "channelId": "emulator",
    "from": {
      "conversation": {
        "recipient": {
          "locale": "en-US",
          "text": "",
          "inputHint": "acceptingInput"
        },
        "attachments": {
          "entities": {
            "replyToId": "fbaf3460-e07d-11ec-b413-8fd805200312",
            "id": "fbc0e7a0-e07d-11ec-b413-8fd805200312",
            "localTimestamp": "2022-05-31T03:07:04+02:00"
          }
        }
      }
    }
  }
}
```

[03:07:03] Connecting to bot on http://localhost:8000/api/messages
[03:07:03] Emulator listening on http://[::]:53933
[03:07:03] ngrok not configured (only needed when connecting to remotely hosted bots)
[03:07:03] Connecting to bots hosted remotely
[03:07:03] Edit ngrok settings
[03:07:03] -> conversationUpdate
[03:07:04] POST 200 directline/conversations/<conversationId>/activities
[03:43:19] -> message hi
[03:43:19] -> message What can I help you with today?
[03:43:19] -> trace Bot State
[03:43:19] POST 200 directline/conversations/<conversationId>/activities

| Hi (salut) |

| What can I help you with today?
(Que puis-je pour vous aujourd'hui ?) |

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3/ EXEMPLE DE MISE EN SITUATION DE MON CHATBOT

What can I help you with today?

looking to go from Paris to marseille. book me for july 15 to 28. let me know if its more than 800 because thats all i can afford.

11 minutes ago

Can you please confirm What would be your budget for this trip ?

800

11 minutes ago

Please confirm, I have you traveling to: Marseille from: Paris departing: July 15 returing 28 with a budget of 800

Yes

11 minutes ago

I have you booked to Marseille from Paris starting July 15 ending 28 for a budget of 800

What else can I do for you?

```
channelId: "emulator"  
  ▶ from:  
  ▶ conversation:  
  ▶ recipient:  
    locale: "en-US"  
    inputHint: "acceptingInput"  
    replyToId: "250d5f20-e368-11ec-816e-3713a882b23a"  
    label: "Bot State"  
    valueType: "{ 'dialog': { 'dialogs': <botbuilder.dialogs.dialog_state.DialogState object at 0x0000023FD097DDF0> }, 'this': { 'dialogs': <botbuilder.dialogs.dialog_state.DialogStat  
    object at 0x0000023FD097DDF0> } }"  
    value: "https://www.botframework.com/schemas/botState"  
    name: "BotState"  
    id: "25117dd0-e368-11ec-816e-3713a882b23a"  
    localTimestamp: "2022-06-03T20:08:17+02:00"  
    timestamp: "2022-06-03T18:08:17.965Z"
```

```
[20:07:24] Connecting to bot on http://localhost:8000/api/messages  
[20:07:24] Emulator listening on http://[::]:57815  
[20:07:24] ngrok not configured (only needed when connecting to remotely hosted bots)  
[20:07:24] Connecting to bots hosted remotely  
[20:07:24] Edit ngrok settings  
[20:07:24] -> conversationUpdate  
[20:07:24] <- message application/vnd.microsoft.card.adaptive  
[20:07:24] POST 200 directline/conversations/<conversationId>/activities  
[20:07:32] -> message hi  
[20:07:32] <- message What can I help you with today?  
[20:07:32] <- trace Bot State  
[20:07:32] POST 200 directline/conversations/<conversationId>/activities  
[20:08:01] -> message looking to go from Paris to marseille. book me for...  
[20:08:03] <- trace Luis Trace  
[20:08:03] <- message Can you please confirm What would be your budget f...  
[20:08:03] <- trace Bot State  
[20:08:03] POST 200 directline/conversations/<conversationId>/activities  
[20:08:14] -> message 800  
[20:08:14] <- message Please confirm, I have you traveling to: Marseille...  
[20:08:14] <- trace Bot State  
[20:08:14] POST 200 directline/conversations/<conversationId>/activities  
[20:08:17] -> message Yes  
[20:08:17] <- message I have you booked to Marseille from Paris starting...  
[20:08:17] <- message What else can I do for you?  
[20:08:17] <- trace Bot State  
[20:08:17] POST 200 directline/conversations/<conversationId>/activities
```


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1/ INSTALLATION DES DIFFERENTS SERVICES AZURE

appsvc_linux_centralus_basic Resource group

Search (Ctrl+/) Create Manage view Delete resource group Refresh Export to CSV Open query Assign tags Move Delete Export template Open in mobile

Overview

- Activity log
- Access control (IAM)
- Tags
- Resource visualizer
- Events

Settings

- Deployments
- Security
- Policies
- Properties
- Locks

Monitoring

- Insights (preview)
- Alerts
- Metrics
- Diagnostic settings

Essentials

Subscription (move): [Microsoft Azure Sponsorship 2](#)

Subscription ID: cc471f5d-ca48-413b-bb86-0bb26a8001ac

Tags (edit): [Click here to add tags](#)

Deployments: [3 Failed, 11 Succeeded](#)

Location: Central US

Resources Recommendations

Filter for any field... Type == all Location == all Add filter

Showing 1 to 7 of 7 records. ☐ Show hidden types

Name ↑↓	Type ↑↓	Location ↑↓
aplanjkrai	App Service plan	Central US
AuthoJk	Language understanding	Australia East
BotFramJK	Azure Bot	Global
BotFramJK	Managed Identity	Central US
cWebappJk	App Service	Central US
incheckapp	Application Insights	South Central US
predictJkrai	Language understanding	Australia East

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2/ FINIR DE REMPLIR LE FICHIER CONFIG.PY

Created LUIS app with ID **d5aedfec-a268-4ada-89d3-b002561d9180**

```
config.py M X
config.py > ...
1  #!/usr/bin/env python
2  # Copyright (c) Microsoft Corporation. All rights reserved.
3  # Licensed under the MIT License.
4  """Configuration for the bot."""
5
6  import os
7
8
9  class DefaultConfig:
10     """Configuration for the bot."""
11
12     PORT = 8000
13     APP_ID = os.environ.get("MicrosoftAppId", "")
14     APP_PASSWORD = os.environ.get("MicrosoftAppPassword", "")
15     LUIS_APP_ID = os.environ.get("LuisAppId", "d5aedfec-a268-4ada-89d3-b002561d9180")
16     LUIS_API_KEY = os.environ.get("LuisAPIKey", "d06c7abdf7444166b6fd614a51cb285c")
17     # LUIS endpoint host name, ie "westus.api.cognitive.microsoft.com"
18     LUIS_API_HOST_NAME = os.environ.get("LuisAPIHostName", "authojk.cognitiveservices.azure.com")
19     APPINSIGHTS_INSTRUMENTATION_KEY = os.environ.get(
20         "AppInsightsInstrumentationKey", "661113ce-d214-43b0-a947-a4b3f3a0bfae"
21     )
22
```

KEY 1

d06c7abdf7444166b6fd614a51cb285c

KEY 2

5ba88ab5704e4ebd8fb0bdd7ff840361

Location/Region ⓘ

australiaeast

Endpoint

https://authojk.cognitiveservices.azure.com/

NAME

incheckapp

LOCATION

South Central US

INSTRUMENTATION KEY

661113ce-d214-43b0-a947-a4b3f3a0bfae

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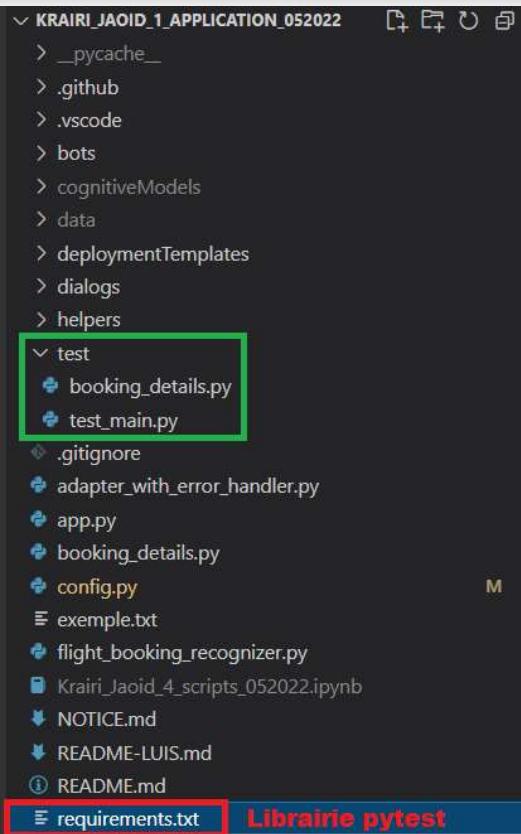
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3/ LES 3 TESTS UNITAIRES



```
booking_details.py X
test > booking_details.py > ...
1 # Copyright (c) Microsoft Corporation. All rights reserved.
2 # Licensed under the MIT License.
3
4
5 class BookingDetails:
6     def __init__(
7         self,
8         or_city: str = None,
9         dst_city: str = None,
10        str_date: str = None,
11        end_date: str = None,
12        budget: str = None,
13        confirm: str = None
14    ):
15        self.or_city: str = or_city
16        self.dst_city: str = dst_city
17        self.str_date: str = str_date
18        self.end_date: str = end_date
19        self.budget: str = budget
20        self.confirm: str = confirm
```

```
test_main.py X
test > test_main.py > ...
1 from booking_details import BookingDetails
2
3 def test_flight_or_city():
4     assert BookingDetails(or_city='Paris').or_city == "Paris"
5
6 def test_flight_dst_city():
7     assert BookingDetails(dst_city='London').dst_city == "London"
8
9 def test_flight_budget():
10    assert BookingDetails(or_city=1000).or_city == 1000
```

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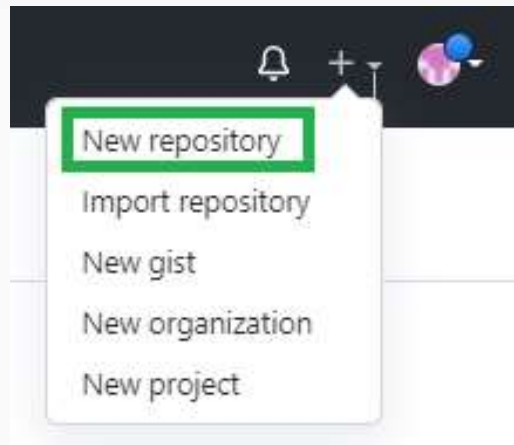
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4/ STOCKER MON PROJET DANS GITHUB



Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

Owner * Krairi / Repository name * KRAIRI_JAOID_1_APPLICATION_01 ✓

Great repository names are short and memorable. Need inspiration? How about cautious-octo-umbrella?

Description (optional)
FlyMeBot

☒ Public
Anyone on the internet can see this repository. You choose who can commit.

☐ Private
You choose who can see and commit to this repository.

Initialize this repository with:
Skip this step if you're importing an existing repository.

☐ Add a README file
This is where you can write a long description for your project. [Learn more.](#)

Add .gitignore
Choose which files not to track from a list of templates. [Learn more.](#)
.gitignore template: None

Choose a license
A license tells others what they can and can't do with your code. [Learn more.](#)
License: None

Grant your Marketplace apps access to this repository
You are subscribed to 1 Marketplace app.

☒ Azure Pipelines
Continuously build, test, and deploy to any platform and cloud

🔔 You are creating a public repository in your personal account.

Create repository

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4/ STOCKER MON PROJET DANS GITHUB

```
PROBLÈMES  SORTIE  CONSOLE DE DÉBOGAGE  TERMINAL  AZURE

Microsoft Windows [version 10.0.19044.1645]
(c) Microsoft Corporation. Tous droits réservés.

C:\Users\JK253\Documents\KRAIRI_JAOID_1_application_052022>git init
Initialized empty Git repository in C:/Users/JK253/Documents/KRAIRI_JAOID_1_application_052022/.git/

C:\Users\JK253\Documents\KRAIRI_JAOID_1_application_052022>git add .
warning: LF will be replaced by CRLF in .gitignore.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in config.py.
The file will have its original line endings in your working directory

C:\Users\JK253\Documents\KRAIRI_JAOID_1_application_052022>git commit -m "first commit"
[master (root-commit) 9ff1fb8] first commit
29 files changed, 1951 insertions(+)
create mode 100644 .gitignore
create mode 100644 .vscode/settings.json
create mode 100644 NOTICE.md
create mode 100644 README-LUIS.md
create mode 100644 README.md
create mode 100644 adapter_with_error_handler.py
create mode 100644 app.py
create mode 100644 booking_details.py
create mode 100644 bots/_init_.py
create mode 100644 bots/dialog_and_welcome_bot.py
create mode 100644 bots/dialog_bot.py
create mode 100644 bots/resources/welcomeCard.json
create mode 100644 config.py
create mode 100644 deploymentTemplates/template-with-new-rg.json
create mode 100644 deploymentTemplates/template-with-preexisting-rg.json
create mode 100644 dialogs/_init_.py
create mode 100644 dialogs/booking_dialog.py
create mode 100644 dialogs/cancel_and_help_dialog.py
create mode 100644 dialogs/date_resolver_dialog.py
create mode 100644 dialogs/main_dialog.py
create mode 100644 exemple.txt
create mode 100644 flight_booking_recognizer.py
create mode 100644 helpers/_init_.py
create mode 100644 helpers/activity_helper.py
create mode 100644 helpers/dialog_helper.py
```


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4/ STOCKER MON PROJET DANS GITHUB

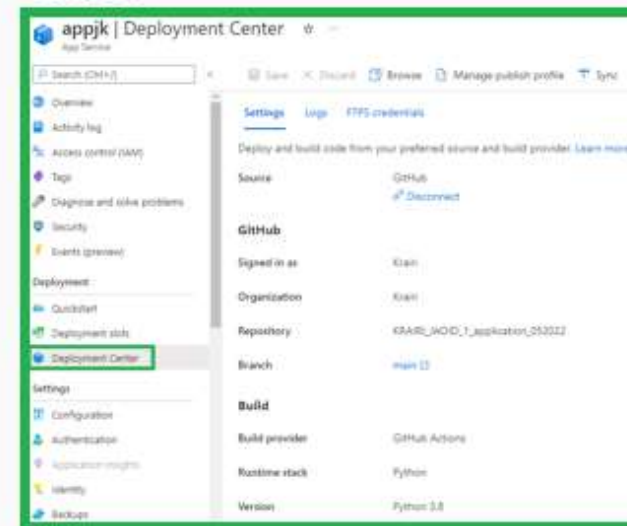
```
PROBLÈMES SORTIE CONSOLE DE DÉBOGAGE TERMINAL AZURE
create mode 100644 helpers/dialog_helper.py
create mode 100644 helpers/luis_helper.py
create mode 100644 requirements.txt
create mode 100644 test/booking_details.py
create mode 100644 test/test_main.py

C:\Users\JK253\Documents\KRAIRI_JAOID_1_application_052022>git branch -M main Etape 1
C:\Users\JK253\Documents\KRAIRI_JAOID_1_application_052022>git remote add origin https://github.com/Krairi/KRAIRI_JAOID_1_application_052022.git Etape 2
C:\Users\JK253\Documents\KRAIRI_JAOID_1_application_052022>git push -u origin main Etape 3
Enumerating objects: 38, done.
Counting objects: 100% (38/38), done.
Delta compression using up to 12 threads
Compressing objects: 100% (35/35), done.
Writing objects: 100% (38/38), 24.53 KiB | 3.07 MiB/s, done.
Total 38 (delta 2), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (2/2), done.
To https://github.com/Krairi/KRAIRI_JAOID_1_application_052022.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.

C:\Users\JK253\Documents\KRAIRI_JAOID_1_application_052022>git pull Etape 6
remote: Enumerating objects: 11, done.
remote: Counting objects: 100% (11/11), done.
remote: Compressing objects: 100% (6/6), done.
remote: Total 10 (delta 3), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (10/10), 1.83 KiB | 39.00 KiB/s, done.
From https://github.com/Krairi/KRAIRI_JAOID_1_application_052022
 9ff1fb8..83d48dc main      -> origin/main
Updating 9ff1fb8..83d48dc
Fast-forward
 .github/workflows/main_appjk.yml | 65 +++++
 1 file changed, 65 insertions(+)
create mode 100644 .github/workflows/main_appjk.yml

C:\Users\JK253\Documents\KRAIRI_JAOID_1_application_052022>
```

Etape 4



Etape 5

```
# Optional: Add step to run tests here (PyTest, Django test suites, etc.)
- name: Run test with pytest
  run: pytest
```

Introduction

Construction d'un MVP

Tester rapidement les fonctionnalités

Tester le concept à grande échelle

Pilotage de la performance

5/ HISTORIQUE DE LOGICIEL DE VERSION

KRAIRI_JAOID_1_application_052022 Public

Issues Pull requests Actions Projects Wiki Security Insights Settings

Workflows New workflow

All workflows Showing runs from all workflows

Filter workflow runs

Build and deploy Python app to Azure Web App - cWebappJk #5: Commit d179e05 pushed by Krairi

Workflow runs	Event	Status	Branch	Actor
ajout text	Build and deploy Python app to Azure Web App - cWebappJk #5: Commit d179e05 pushed by Krairi	Success	main	...
ajout de commentaire	Build and deploy Python app to Azure Web App - cWebappJk #4: Commit 5eccc79 pushed by Krairi	Success	main	...
modification exemple text	Build and deploy Python app to Azure Web App - cWebappJk #3: Commit a69d62 pushed by Krairi	Success	main	...
test	Build and deploy Python app to Azure Web App - cWebappJk #2: Commit b6d3f40 pushed by Krairi	Success	main	...
Add or update the Azure App Service build and deploy...	Build and deploy Python app to Azure Web App - cWebappJk #1: Commit 5658b57 pushed by Krairi	Success	main	...

Krairi / KRAIRI_JAOID_1_application_052022 Public

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ajout text Build and deploy Python app to Azure Web App - cWebappJk #5

Summary

Triggered via push 3 hours ago Status Success Total duration 3m 0s Artifacts 1

Jobs

- build
- deploy

main_cwebappjk.yml on: push

build 47s → deploy 1m 42s

http://cwebappjk.azurewebsites.net

Artifacts Produced during runtime

Name	Size
python-app	140 KB

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6/ PARAMETRAGE D'AZURE BOT

BotFramJK | Configuration ☆ ...

Azure Bot

Search (Ctrl+J)

Overview

Activity log

Access control (IAM)

Tags

Settings

Bot profile

Configuration

Channels

Channels (deprecated)

Pricing

Test in Web Chat

Encryption

Properties

Locks

Monitoring

Conversational analytics

Alerts

Metrics

Diagnostic settings

Logs

Messaging endpoint
`https://appserjk.azurewebsites.net/api/messages`

☒ Enable Streaming Endpoint

Bot Type
UserAssignedMSI

Microsoft App ID (Manage) ⓘ
9622875c-f01c-4fa0-91b7-3c379a1ded0d

App Tenant ID
b1581410-09bc-49d2-a39c-17c8aa1ad3b0

App MSI Resource ID
/subscriptions/cc471f5d-ca48-413b-bb86-0bb26a8001ac/resourceGroups/appsvc_linux_centralus_basic/providers/Mi...

Application Insights Instrumentation key ⓘ
661113ce-d214-43b0-a947-a4b3f3a0bfae ✓

Application Insights API key ⓘ
API key (User-Generated Application Insights API key)

Application Insights Application ID ⓘ
Application ID (Application Insights Application ID)

Schema Transformation Version
V1.3

This determines how Bot Service converts messages sent between your bot and channels. [Learn more](#)

No OAuth Connection settings defined
[Add OAuth Connection Settings](#)

✓ deploy 1m 42s
`http://cwebappjk.azurewebsites.net`

```
def init_func(argv):  
    APP = web.Application(middlewares=[bot_telemetry_middleware, aiohttp_error_middleware])  
    APP.router.add_post('/api/messages', messages)  
    return APP
```

NAME
incheckapp

LOCATION
South Central US

INSTRUMENTATION KEY
661113ce-d214-43b0-a947-a4b3f3a0bfae



Home > Resource groups > appsvc_linux_centralus_basic > incheckapp >

Alert rules ...

[+ Create](#) [Columns](#) [Refresh](#) [Export to CSV](#) [Delete](#) [Enable](#) [Disable](#)

[Target resource type : all](#) [Scope : incheckapp](#) [Subscription : all](#) [Signal type : all](#) [Severity : all](#) [Status : Enabled](#)

Showing 1 to 2 of 2 Alert rules.

No grouping ▼

Name ↑↓	Condition	Severity ↑↓	Scope	Target resource type	Signal type ↑↓	Status ↑↓	
<input type="checkbox"/> Fin de la transaction	traces/count > 3	3 - Informational	incheckapp	Application Insights	Metrics	Enabled	...



1/ EVALUATION LUIS ET MISE A JOUR

looking to go from san francisco to marseille . book me for september 18 to 22 . let me know if its more than 2800 because thats all i can afford

1.000

Mise à jour model : Au bout de 100 déclenchements d'une alerte au bout de 3 erreurs dans un intervalle de 5 minutes.



2/ EVALUATION UTILISATEUR ET MISE A JOUR

let me know if its more than 800 because thats all i can afford
Just now

Please confirm, I have you traveling to: to Marseille from: Paris departing: book me for july 15 returing to 28 with a budget of let me know if its more than 800 because thats all i can afford

Mise à jour chatbot: Au bout de 100 déclenchements d'une alerte au bout de 3 refus dans un intervalle de 5 minutes.

REMERCIEMENT

Merci de m'avoir écouté

REPONDRE AUX QUESTIONS