



Getting started with Microsoft Bot Framework and Azure Bot Services









iii jumpto365







Video portal [YouTube] Visio
Online

V ?

Diagramming in the browser

EMPLOYEE PROFILES

Word Online

Word processing in the browser

Excel Online



Spreadsheets in the browser

OneNote Online

Note taking in the browser [Evernote]

PowerPoint Online



Presentations in the browser

FILE STORAGE & COLLABORATION

SharePoint Online



Team file sharing & storage OneDrive for Delve



Employee profile & content discovery

Forms



Code-free forms **PowerApps**



Code-free mobile apps (& forms)

Flow



Code-free workflows [IFTTT] Power B



Business analytics & dashboards BUSINESS APPLICATION PLATFORM

PRESENTATIONS

OFFICE ONLINE

Mail



Outlook email

Calendar

Personal file



storage [Dropbox]

Outlook calendar

People



Outlook contact list

Tasks

FORMS



Outlook tasks

To-Do Preview



To-do list for life & work [Wunderlist Planner



Everyday project management [Trello]

Project Online



Premium project management

PROJECT MANAGEMENT

CONFERENCING

OUTLOOK

Skype for Business



Instant messaging & video chat [Skype

Teams



Group chat & video chat [Slack]

Newsfeed



SharePoint's (lite) social network Yammer



Social network [Facebook] SOCIAL NETWORKING

TASK MANAGEMENT

Bookings



Customer selfreservations StaffHub

S

Frontline employee hub & scheduler

SMALL BUSINESS
APPLICATIONS

www.bd

DIRECT COMMUNICATION

#GlobalAIBootcamp

Agenda

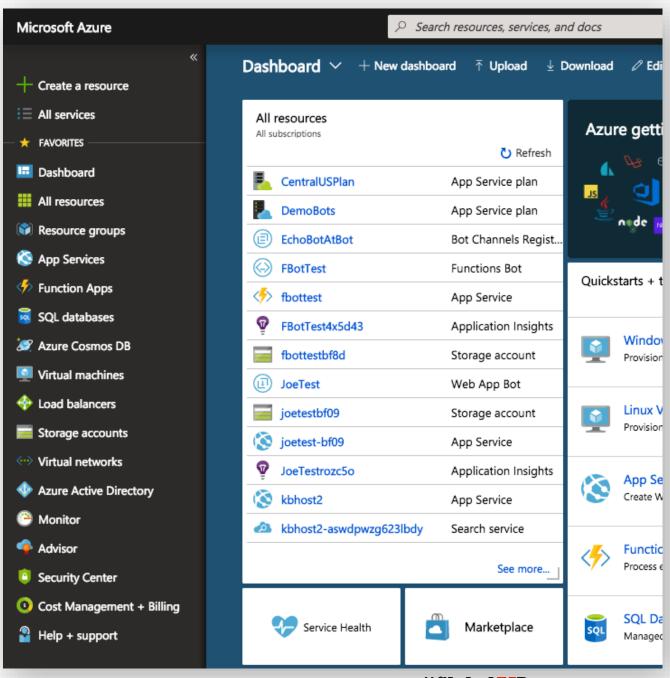
Build a bot (SDK v4.0)
Connect to an FAQ

Best practices & architecture

#GlobalAIBootcamp www.bootcamplk.com

Creating a bot has become super easy

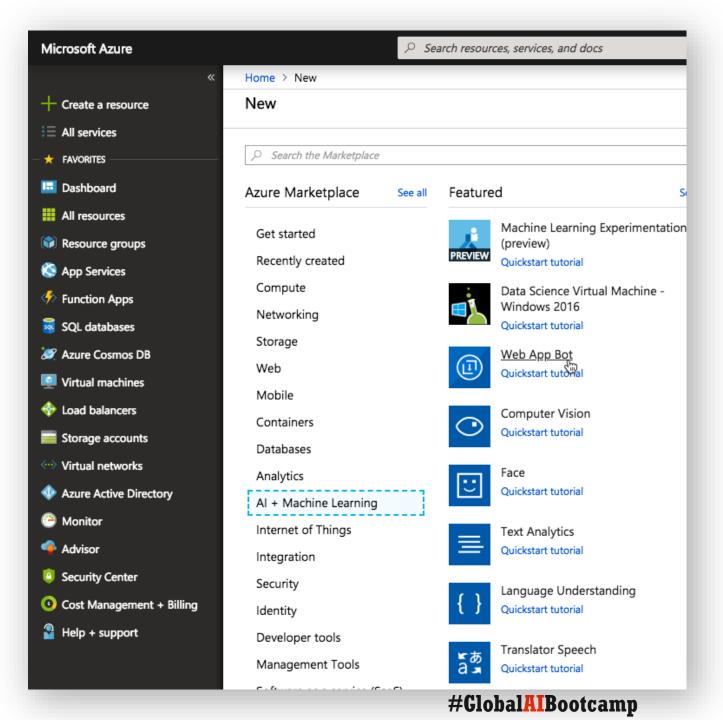
Browse to portal.azure.com



Deploy your bot from the Azure Portal

Create a resource >
Al + Machine Learning >
Web App Bot

Requires an Azure subscription. Register a free trial to get started.

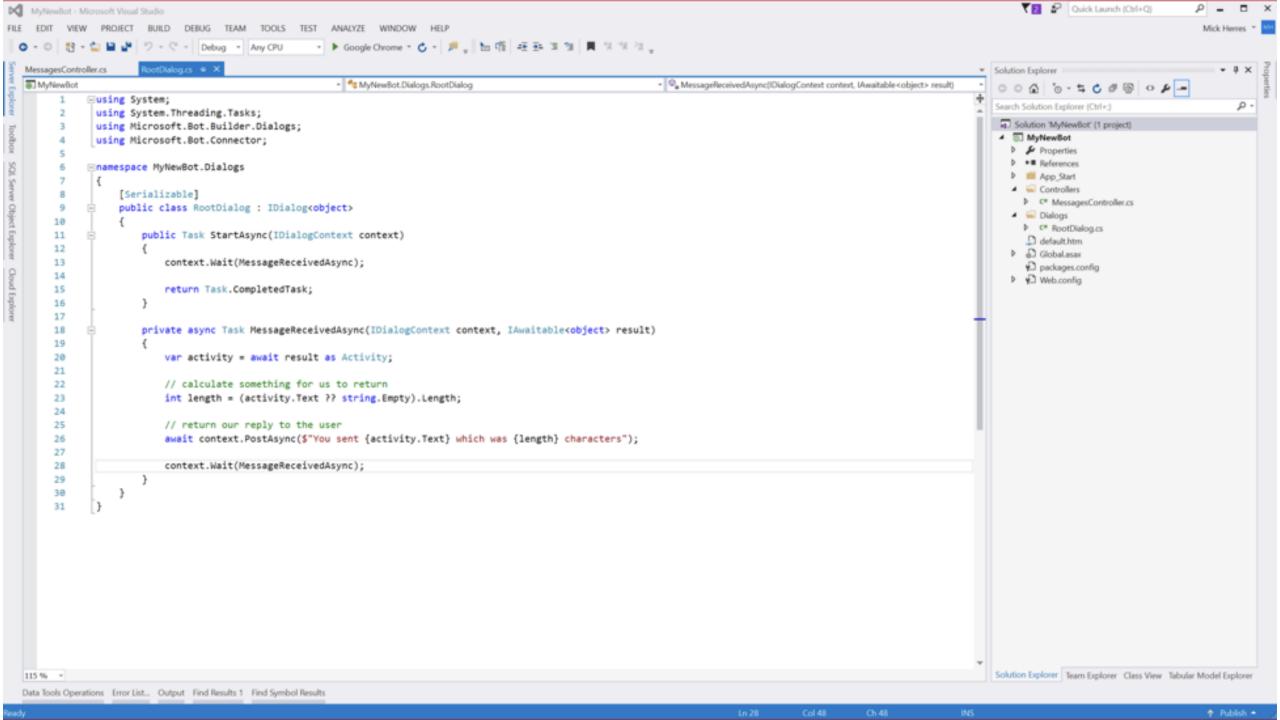


Create your bot

Add your code in the web editor or download the ZIP to work in Visual Studio.

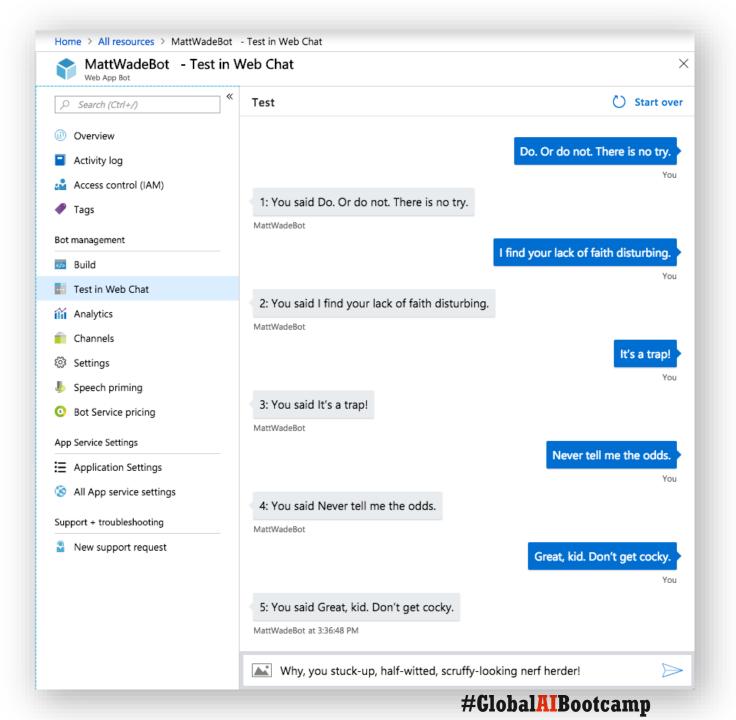
You'll do most work in MessageController.cs or RootDialogue.cs

Home > All resources > MattWadeBot - Build MattWadeBot - Build Web App Bot Search (Ctrl+/) Choose how to work with your code Overview Online code editor (1) Activity log Make quick changes to your bot code online, run build.cmd in the editor console, and see yo Access control (IAM) changes instantly. Tags Open online code editor Bot management Download source code 6 Build Download your source code and develop locally using your favorite IDE. You can publish you Test in Web Chat back to the bot when ready. Analytics Download zip file Channels ্টের Settings Continuous deployment from source control (1) Speech priming Step 1: Download zip file Bot Service pricing Step 2: Create a folder/repo for the source files in your preferred service Step 3: Configure continuous deployment App Service Settings Application Settings All App service settings Support + troubleshooting New support request



Run tests in online or local emulator

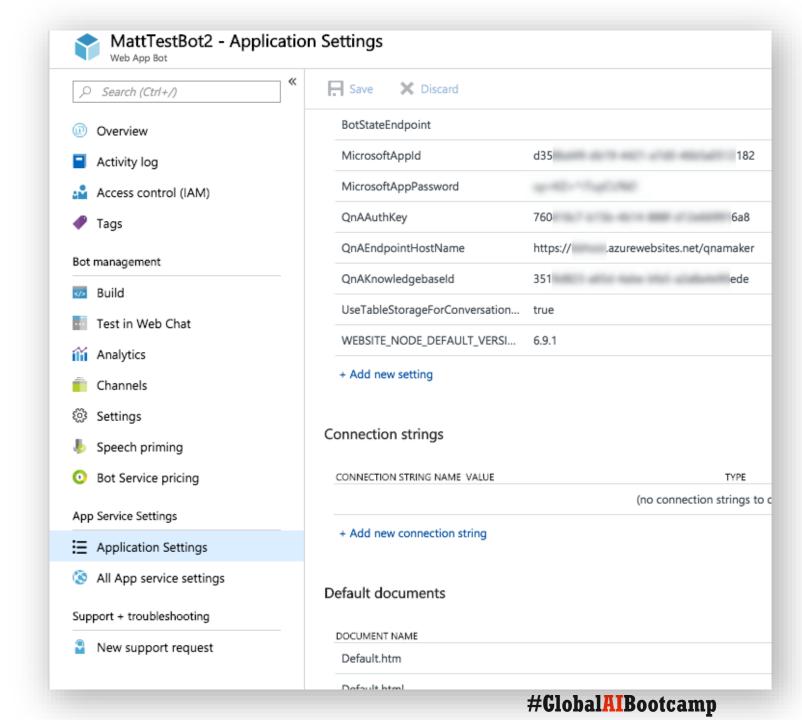
Bot Dashboard > Test in Web Chat



Connect to QnA Maker

Instructions: icsh.pt/CreateQnABot

QnA Maker best practices: tinyurl.com/AtBotQnABP www.bootcamplk.com







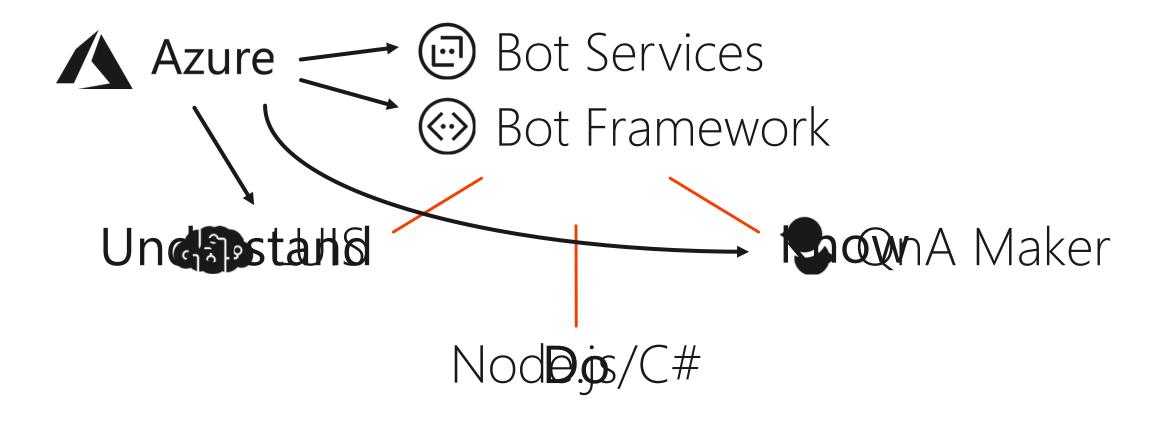
Let's build a bot

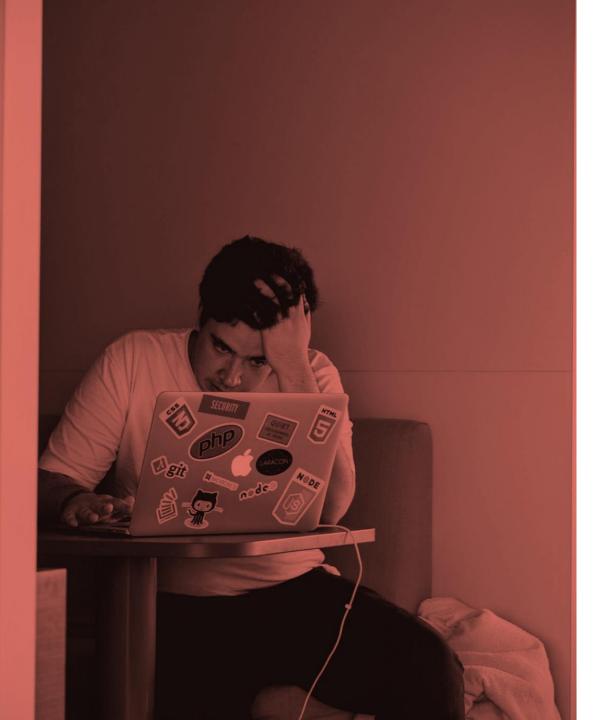




Best practices & architecture

A good bot stands on three legs





Don't fall into the trap

A good FAQ bot is not good enough

Surfacing your bot

Internal

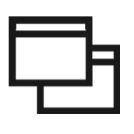
(Authenticated)

(Public)





SharePoint



Intranet









Website

Social Media

Custom (Direct Line)

Demo https://youtu.be/wAPcafOL_tg

Demo https://youtu.be/EWXBYDQ4TVQ

Some resources

- Azure Bot Service
 Documentation:
 https://icsh.pt/BotServiceSDK4
- Create a QnA bot: <u>https://icsh.pt/CreateQnABot</u>
- Getting started with the Bot Framework (video): https://youtu.be/cumYtCVjl6Q

- Incorporating LUIS (Natural Language Processing): https://tinyurl.com/AtBotLUIS
- QnA Maker best practices: https://tinyurl.com/AtBotQnABP
- Getting started with code-free, Microsoft Flow bots: https://icsh.pt/NoCodeBots

