

# Pizza Ordering Bot

Stefano Tempesta, VP of Engineering @



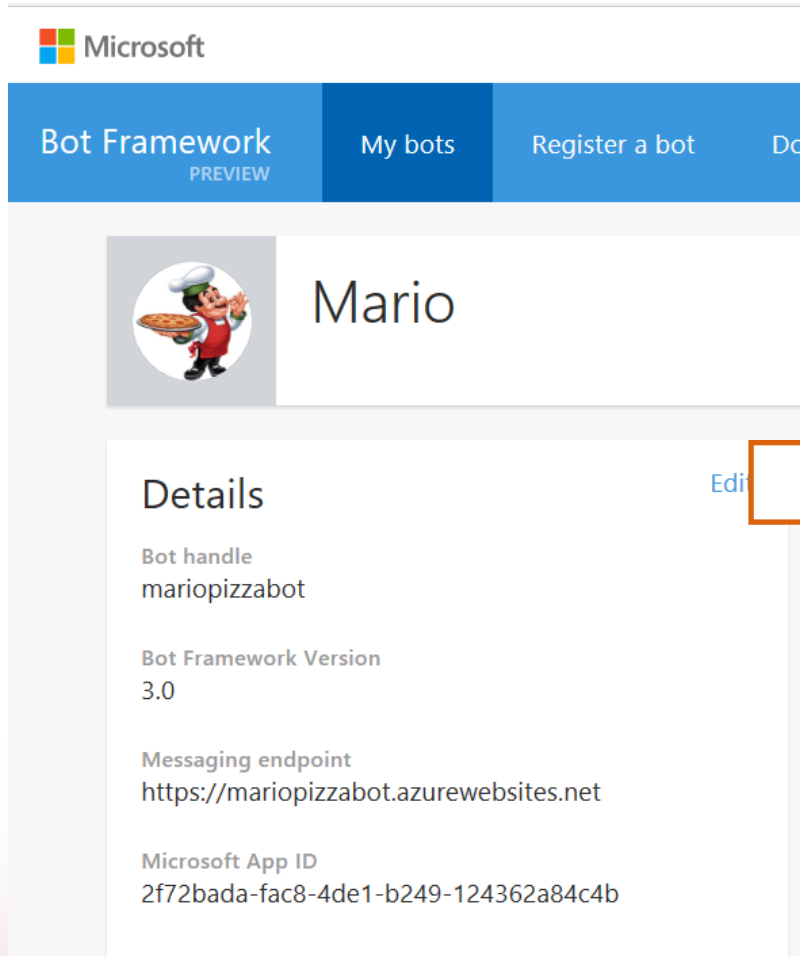
@stefanotempesta



GREAT INDIAN  
**DEVELOPER**  
SUMMIT



# Microsoft Bot Framework | Application



The screenshot shows the Microsoft Bot Framework console interface. At the top left is the Microsoft logo. Below it is a navigation bar with four tabs: 'Bot Framework PREVIEW', 'My bots', 'Register a bot', and 'Do...'. The 'My bots' tab is selected. Below the navigation bar, there is a card for a bot named 'Mario', which includes a circular profile picture of a chef holding a pizza. Below the card, there is a 'Details' section with the following information:

- Bot handle: mariopizzabot
- Bot Framework Version: 3.0
- Messaging endpoint: <https://mariopizzabot.azurewebsites.net>
- Microsoft App ID: 2f72bada-fac8-4de1-b249-124362a84c4b

An 'Edit' link is visible to the right of the details section.

## BOT APPLICATION

Authentication  
Message Routing  
State Management  
Session Tracking

# Microsoft Bot Framework | Channels

The screenshot displays the Microsoft Bot Framework console interface. At the top, the Microsoft logo is visible. Below it, a navigation bar contains the following items: "Bot Framework PREVIEW", "My bots", "Register a bot", and "Do...". The main content area shows a bot named "Mario" with a circular profile picture of the character. Below the bot name, there is a "Details" section with the following information:

- Bot handle: mariopizzabot
- Bot Framework Version: 3.0
- Messaging endpoint: <https://mariopizzabot.azurewebsites.net>
- Microsoft App ID: 2f72bada-fac8-4de1-b249-124362a84c4b

To the right of the details section, there is a "Channels" panel. It lists the following channels:

- Skype
- Web Chat

Below the "Channels" list, there is a section titled "Add another channel!" which lists additional channel options:

- Direct Line
- Email
- Facebook Messenger
- Groupime
- Kik
- Microsoft Teams
- Slack
- Telegram
- Twilio (SMS)

An orange arrow points from the "Edit" link in the details section to the "Add another channel!" section.

# Create Mario the Bot

1. Install the Bot Connector Template for Visual Studio

<http://aka.ms/bf-bc-vstemplate>

2. Publish your Bot Connector as REST endpoint

*Azure App Service*

3. Create your Bot Identity

<https://dev.botframework.com>

4. Register your Bot Channels

Channel Emulator: <https://aka.ms/bf-bc-emulator>

# Develop Mario the Bot

## 5. Messages Controller

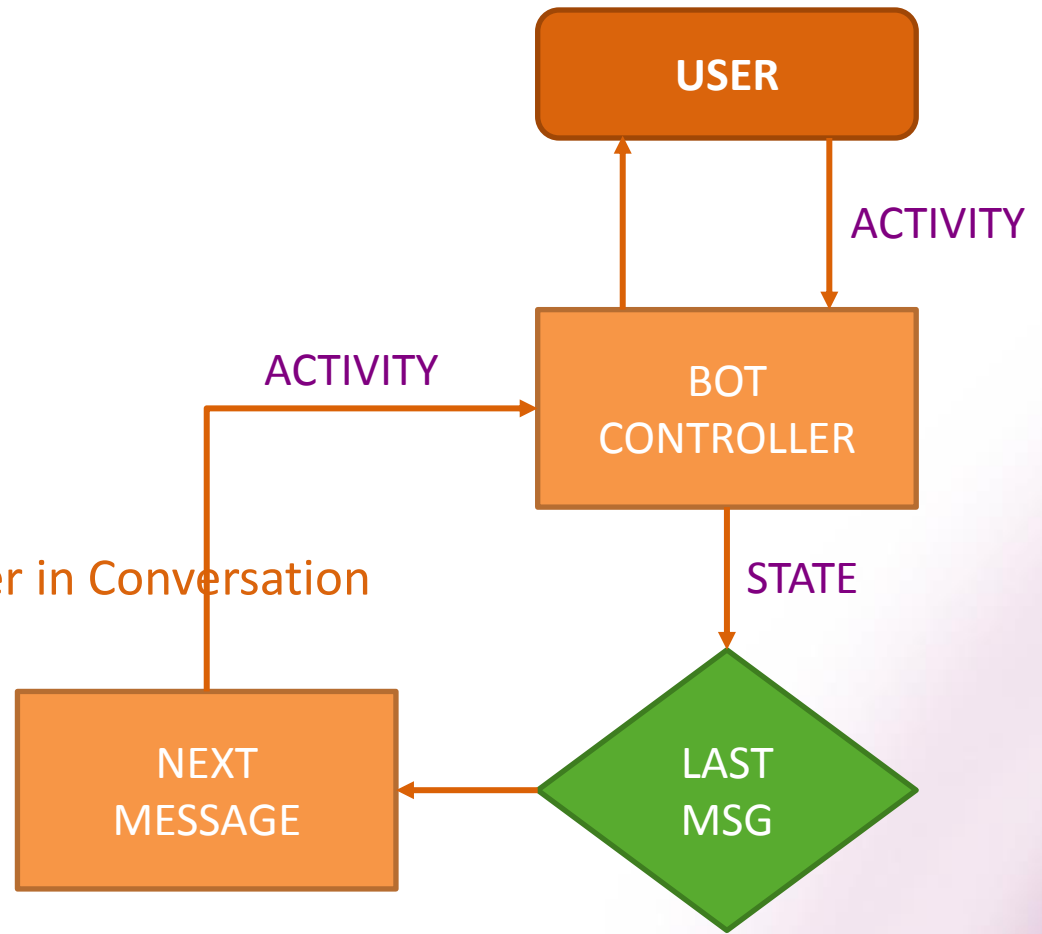
Async POST

## 6. Activity

Message & Reply

## 7. State

User, Conversation, User in Conversation



# Super Mario

- Bot Builder SDK

<https://github.com/Microsoft/BotBuilder>

- Dialog & FormFlow
- Language Understanding Intelligent Service (LUIS)
- Bot Directory

# Thank you

saltmarch 

GREAT INDIAN  
**DEVELOPER**  
**SUMMIT** 

# MADS



**MOBILE & DISRUPTIVE  
TECHNOLOGY SUMMIT**

**October 5-6, 2017**

**Indian Institute of Science, Bangalore**

[www.modsummit.com](http://www.modsummit.com)

**Register early and get the best discounts**

GREAT INDIAN  
**DEVELOPER**<sup>TM</sup>  
**SUMMIT** 2018



**April 23-28, 2018**

**Indian Institute of Science, Bangalore**

[www.developersummit.com](http://www.developersummit.com)