Getting Started with Building Bots with Microsoft's Bot Framework

GETTING STARTED WITH THE BASICS

Matt Kruczek

DIRECTOR OF MOBILE & WEB FOR TALLAN
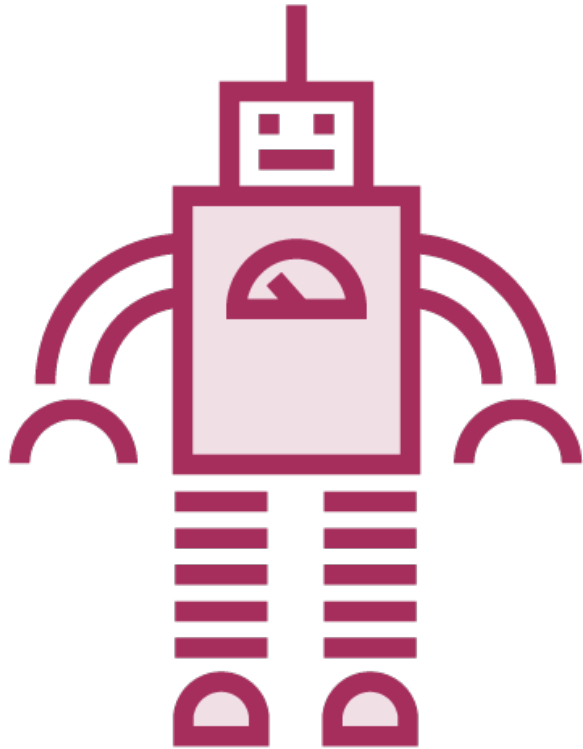
@MCKRUZ www.tallan.com

Agenda

What exactly is a bot?

Why should you want to learn about bots?

What is the Microsoft Bot Framework?

Let's get Connected!

What is a Bot and Why should I care?

Application that performs an automated task

Bots are the wave of the future

Bot Communication

User

Channel

Bot

Channel

**The medium in which
your bot communicates.**

The aforementioned company names
and logos are neither owned or
affiliated with Pluralsight, LLC, but
their respective owners. They are
shown here for illustrative purposes
only

Bot Evolution

Simplest

One Medium

Keyword Based

Moderate

Multiple Mediums

Utilizes Custom Messaging

Keyword Based

Hardest

Multiple Mediums

Utilizes Custom Messaging

Understands Natural Language

Microsoft Bot Framework

SDK For Building Bots

Introduced at Build 2016
- Currently in Preview

Open Source

Node.js or .NET

Multiple Channels

Rich Attachment Support

Natural Language Processing

Connector Service and Activities

Channel

Channel JSON

Connector Service

Activity JSON

Bot

Prerequisites

- Visual Studio 2015 (http://www.visualstudio.com)

- Update all Visual Studio Extensions (Tools -> Extensions and Updates -> Updates)

- Download Bot Application Template (http://aka.ms/bf-bc-vstemplate)

- Install (%USERPROFILE%\Documents\Visual Studio 2015\Templates\ProjectTemplates\Visual C#\)

Summary

What exactly is a bot?

Why should you want to learn about bots?

What is the Microsoft Bot Framework?

Connector Service and Activities