Working through the Fundamentals

Matthew Kruczek
CHIEF TECHNICAL OFFICER

@MCKRUZ   www.tallan.com / mattkruczek.com

Agenda

What is an Activity?
- Properties and Features

Turns
- How to Build

What Is an Activity?

Any kind of communication to or from the bot

Activity Types

Activity Types

Message

ContactRelationUpdate

ConversationUpdate
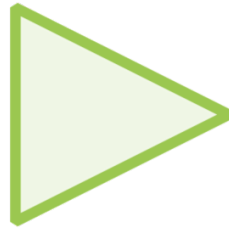
DeleteUserData

EndOfConversation

Event

Activity Types Continued

InstallationUpdate

Invoke

MessageReaction

Typing

MessageUpdate

MessageDelete

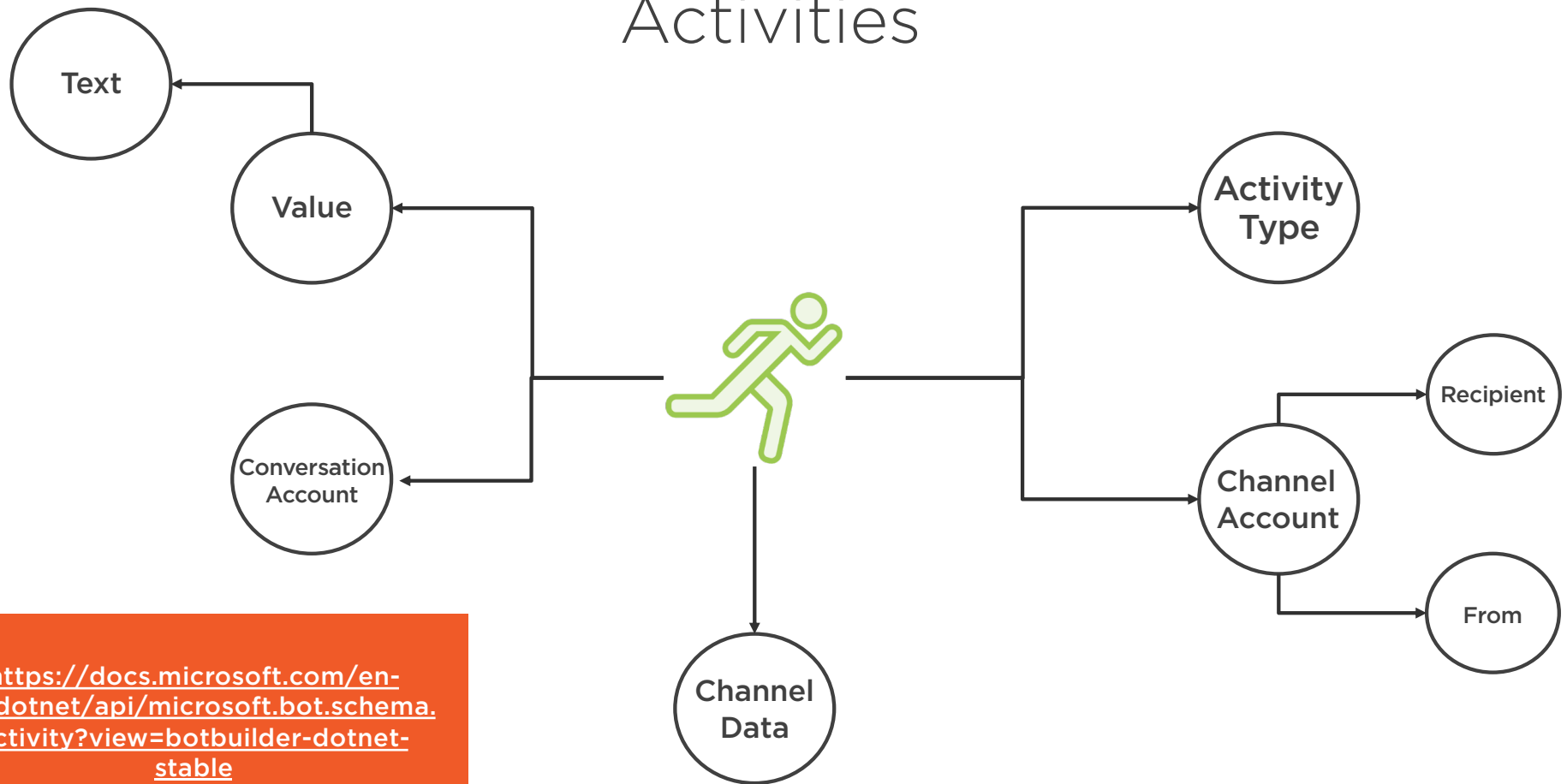# Activity Types Continued
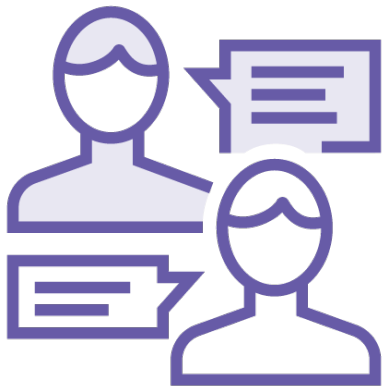
Suggestion

Trace

Handoff

Activities

Text

Value

Conversation
Account

Channel
Data

Activity
Type

Channel
Account

Recipient

From

One Good Turn Deserves Another
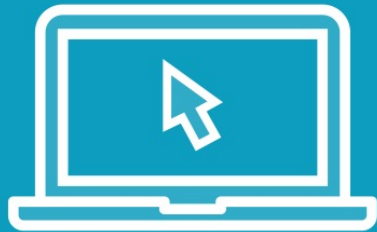
Turn

– Users Incoming Activity and the Activity the Bot Sends Back

Turn Context

– Activity

– Middleware

– Additional Functionality

Demo

- Visual Studio 2019 (http://www.visualstudio.com)
- Update all Visual Studio Extensions (Tools -> Extensions and Updates -> Updates)
- Download and Install (https://github.com/Microsoft/BotFramework-Emulator/releases)

Summary

What is an Activity?
- Properties and Features
- Activity Type

Turns
- TurnContext
- How to Build