ebo 's experience with Azure Cognitive Services

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About me

- Moved to Malta in Feb 2018, born in Belgium

- Fullstack dev

- Microsoft Azure enthousiast

- Sports addict

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Agenda

Introduction to AI and Microsoft Cognitive Services

ebo, chatbots and AI

Chatbot with NLP walkthrough

Introduction to AI

Artificial intelligence (AI) is an area of computer science that emphasizes the creation of intelligent machines that work and react like humans.

"By 2020, organizations in cognitive and AI projects will achieve 4x long-term success than others"

Gartner.

Microsoft Cognitive Services

Microsoft offers the following AI services also known as "Cognitive Services".

Vision

Speech

Knowledge

Search

Language

Anomaly detection

https://azure.microsoft.com/en-us/services/cognitive-services/

About ebo

- Maltese start-up founded in 2017

- Human conversations automated

- AI consumer that delivers AI
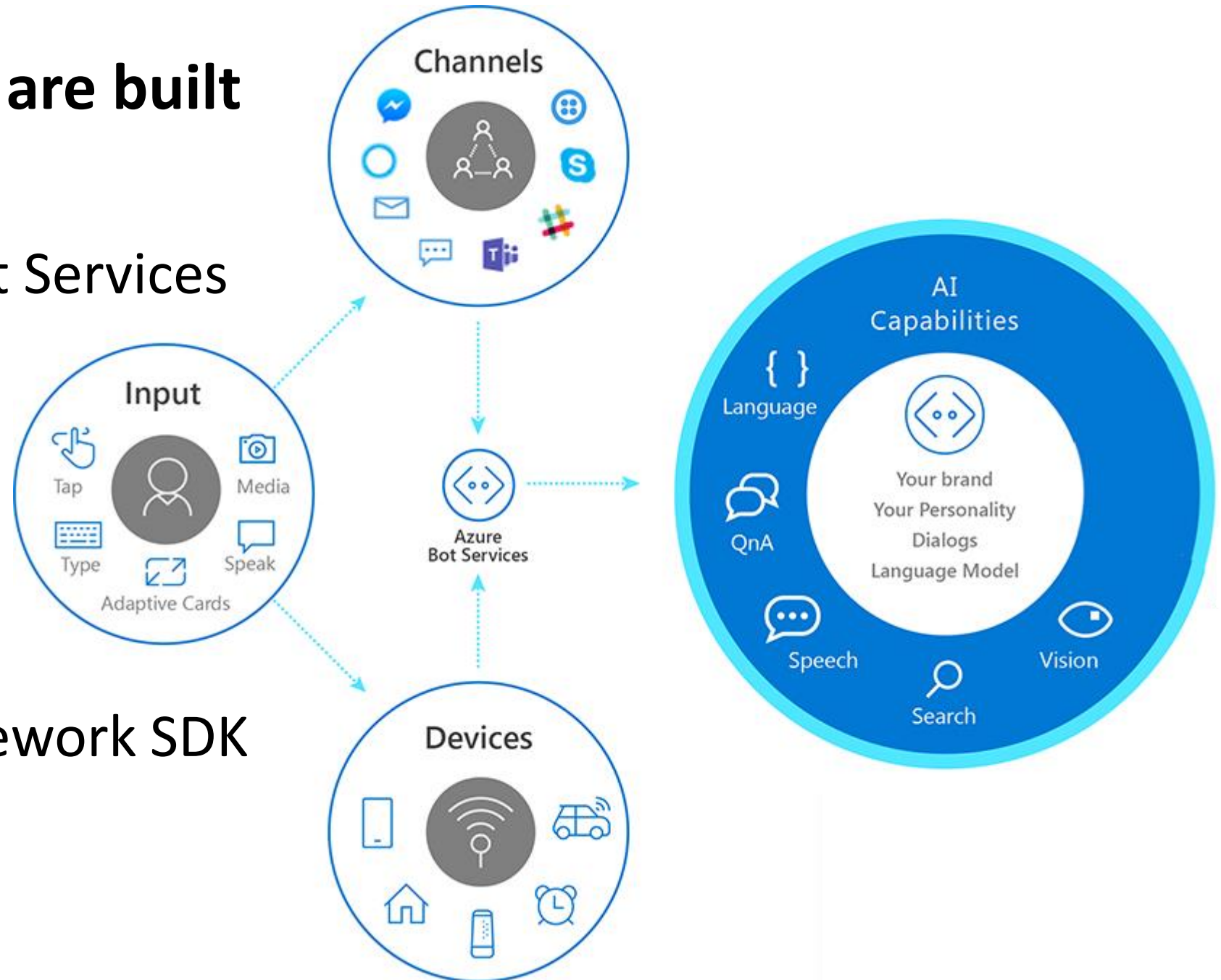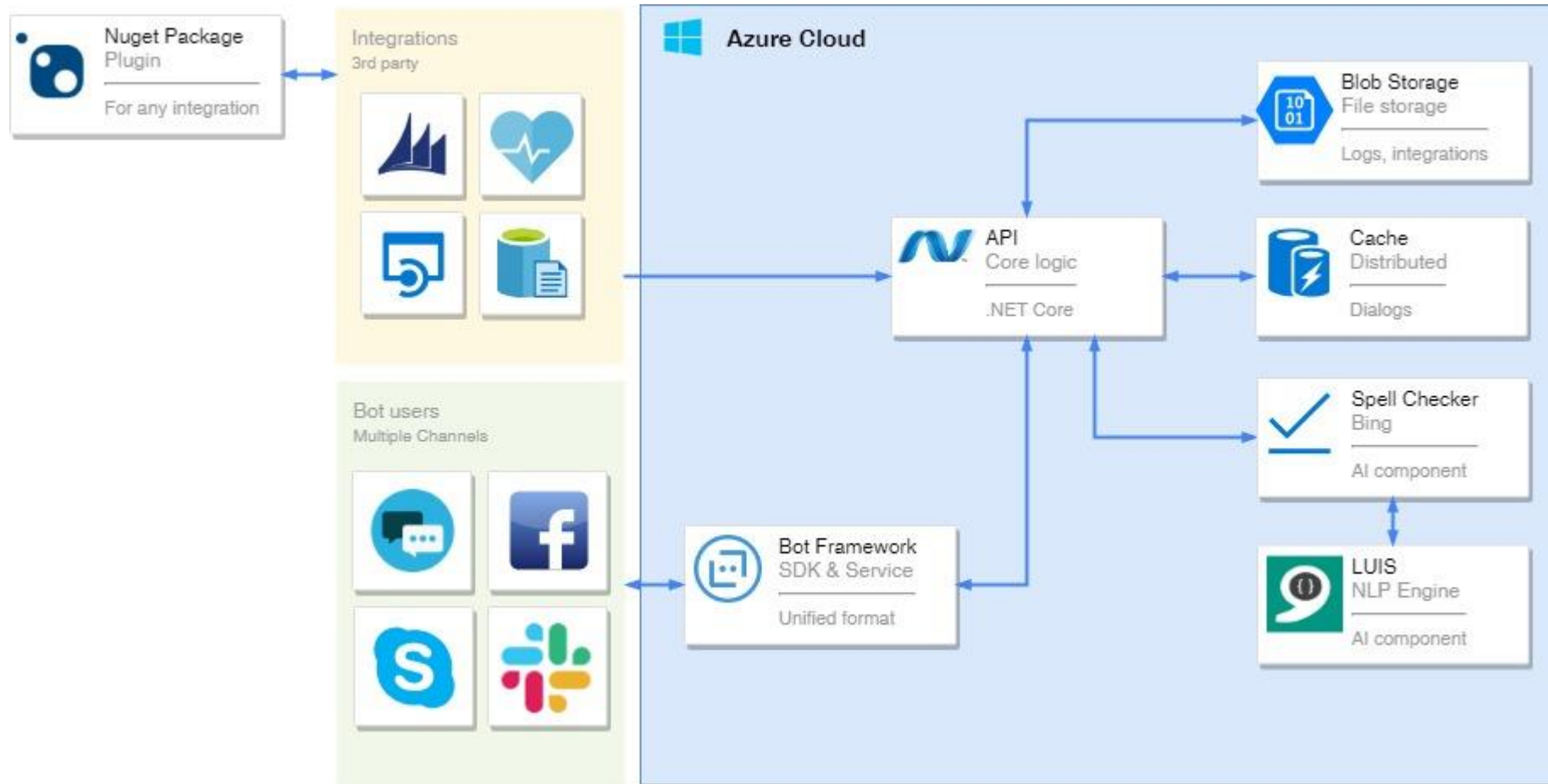
https://www.ebo.ai

How chatbots are built

Use of Azure Bot Services

Use of BotFramework SDK

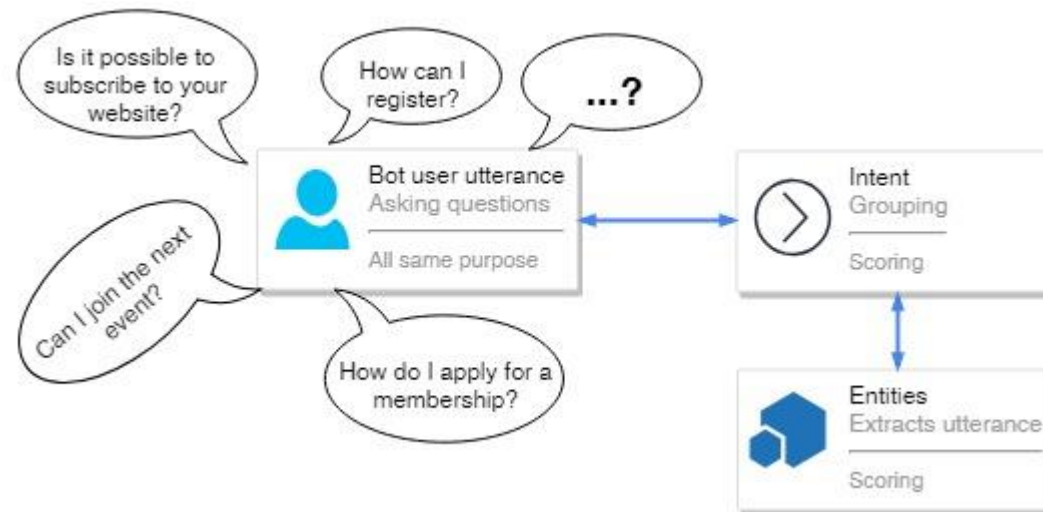# Simplified implementation of ebo

Things to consider

- Pricing

- You will need your own implementation

- Keep improving conversations

- Bots do not always replace a human

- Explore all functionality

- Automate (Azure, powershell, api's)

- Limitations (bing spell checker)

- … and many more …

NLP as an Azure Cognitive Service

Natural Language Processing, understanding the user in his own language.

Supports 13 languages

Demo time