

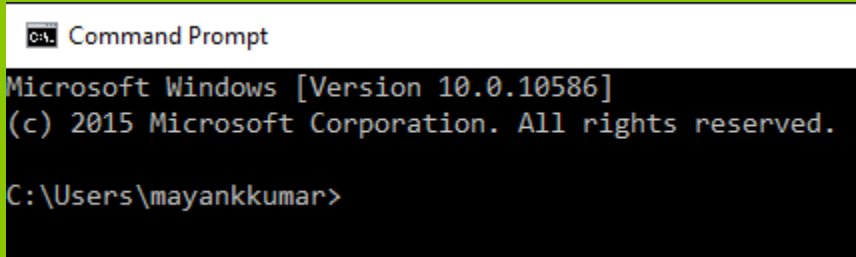
See the world around you!

Fun with Image Recognition & Serverless Bots

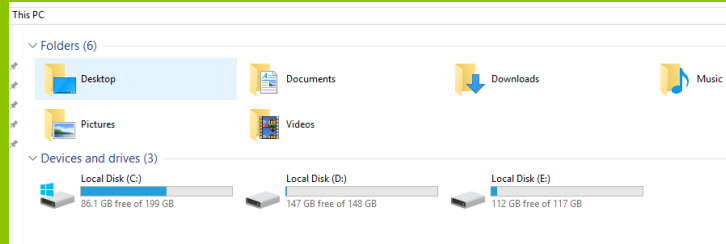
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Evolution of Human/Computer Interface

Command Line Interface
(CLI)



Graphical User Interface (GUI)



Natural User Interface (NUI)



Bot Framework Components



- Bot Service
- Bot Connector
- Bot Builder SDK (.NET 4.6 & Node.js)

Hosting Options

- Azure App Service (Web App)
- Azure Functions (Serverless)

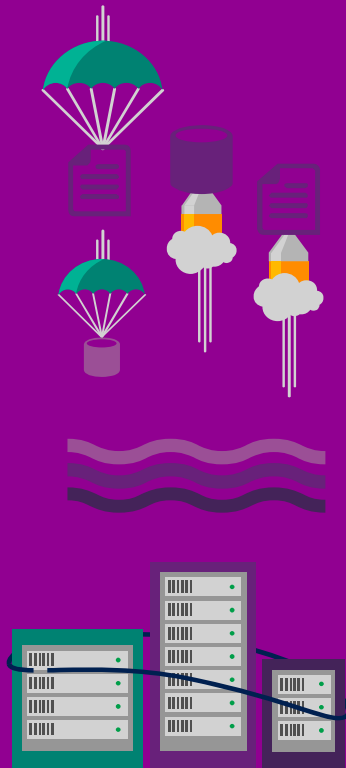
How do you make a bot ? ... great



- First impressions matter! – Provide an engaging Welcome message
- Your bot should have a personality
- Do one simple thing – **Nicely**
- Don't spam your users
- User should be in control – Always
- Don't try to hide the fact that this is a bot not a human

What is "Serverless"?

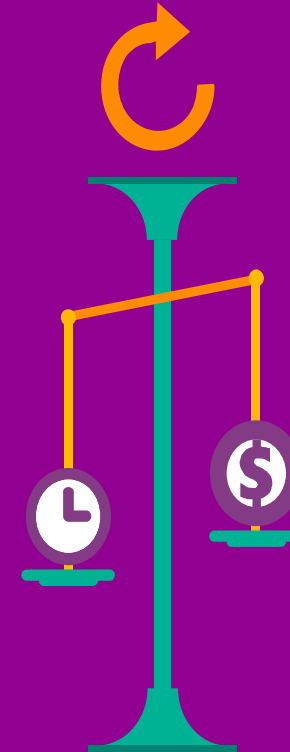
2018
Global Azure
BOOTCAMP



Abstraction
of servers



Event-driven
scale



Sub-second
billing

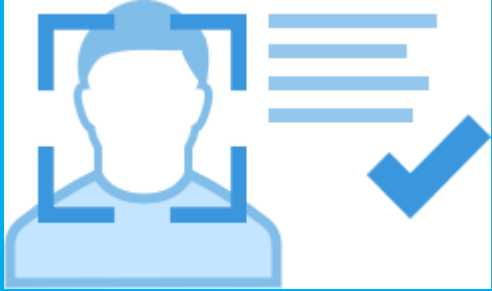
Computer Programming



In the 60s, Marvin Minsky assigned a couple of undergrads to spend the summer programming a computer to use a camera to identify objects in a scene. He figured they'd have the problem solved by the end of the summer. Half a century later, we're still working on it.

Azure Cognitive Services

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Vision API
Face API

What are we building?



<https://join.skype.com/bot/5a6b322e-10d3-4913-a777-7609aca3f592>

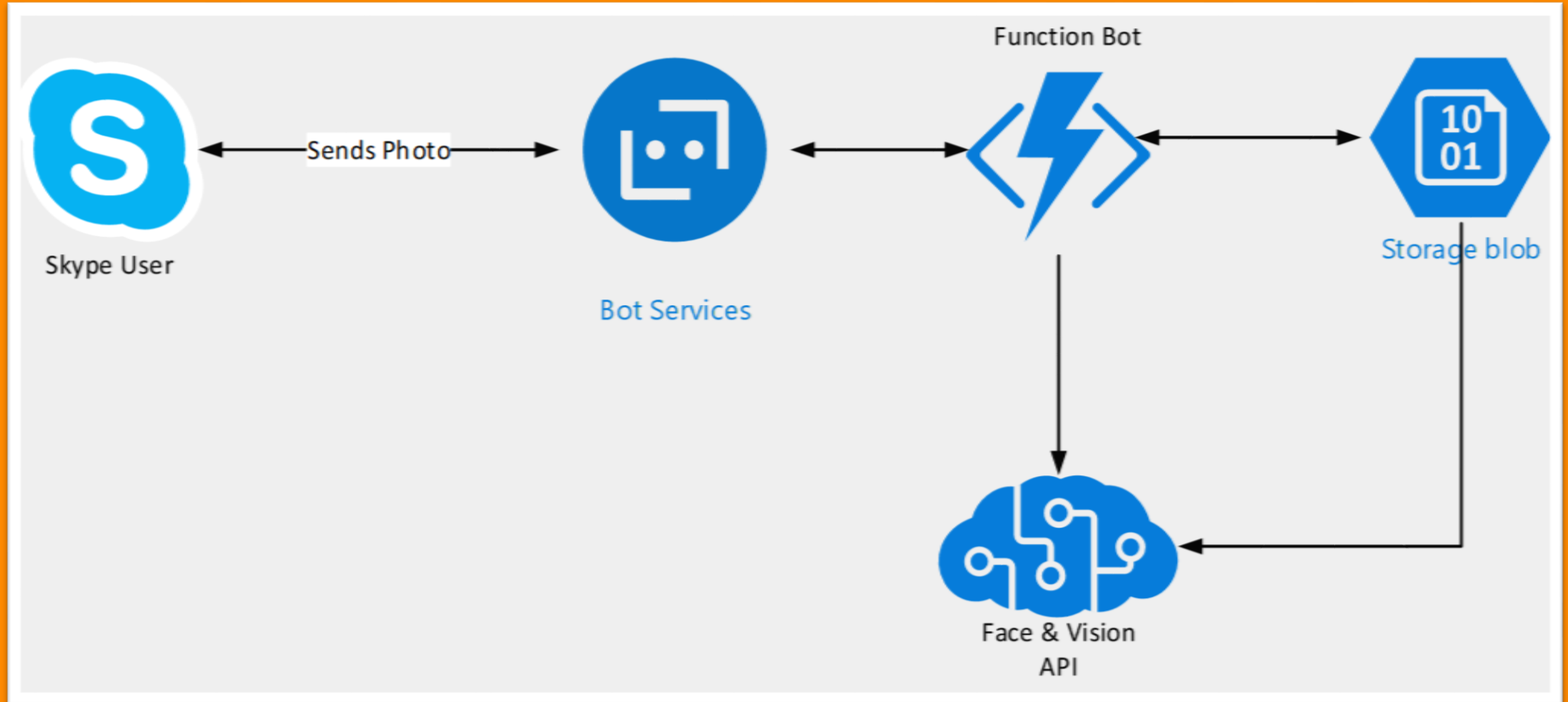
What do we need?

- Azure Function Bot
- Azure Storage Account
- Azure Vision API & C# SDK
- Azure Face API & C# SDK
- Visual Studio 2017



Reference Architecture

2018
Global Azure
BOOTCAMP



[https://github.com/mayankthebest/
hydbotcampbotdemo](https://github.com/mayankthebest/hydbotcampbotdemo)

Questions?