

Working with the Custom Vision Service Prediction API



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Overview



Demonstrate your “garden bird recognizer” sample application

Discuss the information and tools required for working with the Custom Vision Service Prediction API

Detailed walk-through of architecture and code



Demo



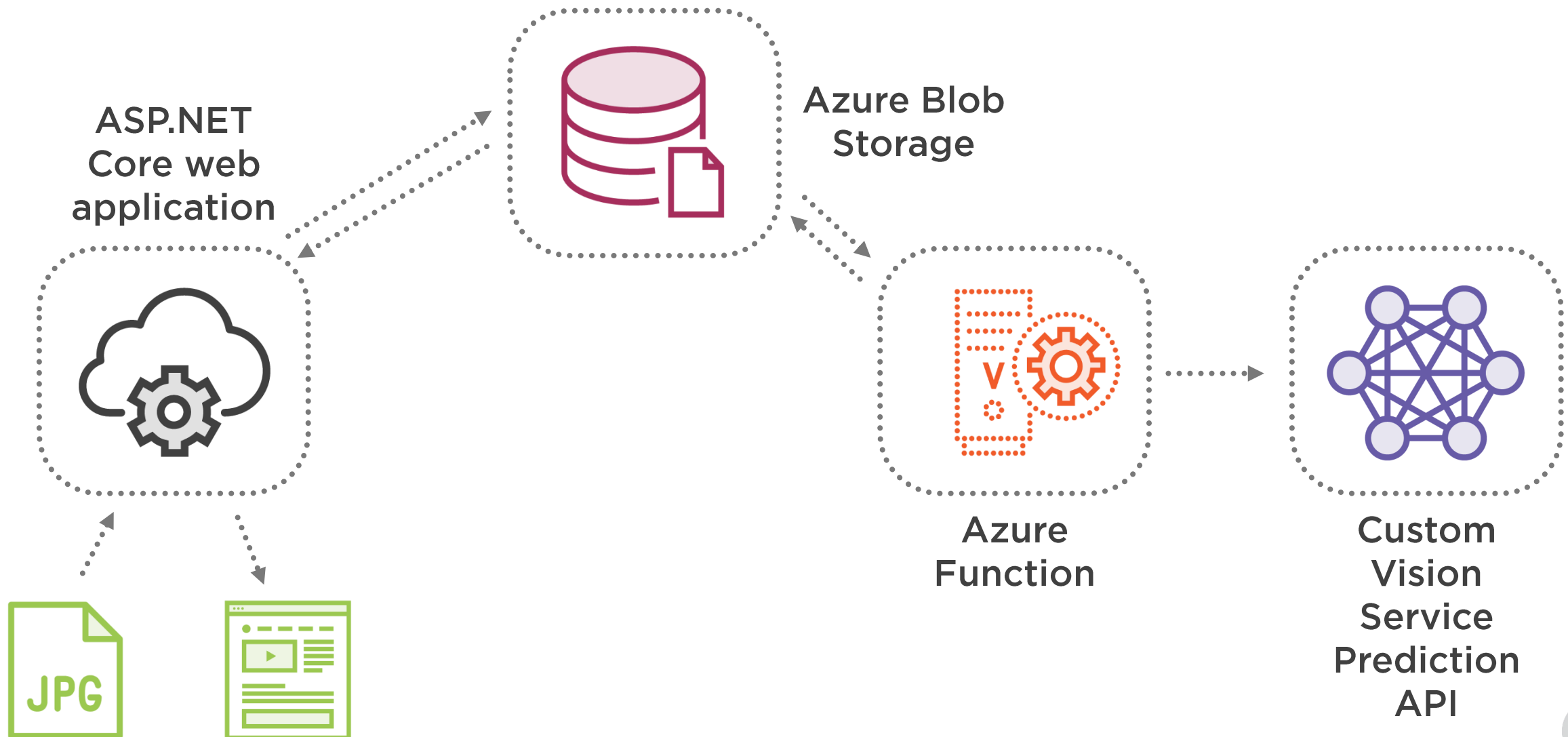
Retrieval of information from the Azure portal interfaces

- API key
- Project ID
- Prediction URL

See the web application utilizing the API in use



Application Architecture



Developing the Solution

Source code available at:

- <https://github.com/AndyButland/BirdRecognizer>

Visual Studio.Net 2017

- Version 15.5 or later

Azure Storage Emulator

Azure Storage Explorer



Demo



Review the solution implementation via a code walk-through

ASP.NET Core web application

- Receives file upload and displays results

Azure Function

- Interacts with the prediction API and saves results



Summary



Incorporated predictive results from a Custom Vision Service model in your own application

Utilized various .NET and Azure related technologies

