

Working with Triggers and Bindings



Mark Heath

MICROSOFT AZURE MVP

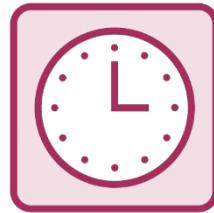
@mark_heath www.markheath.net



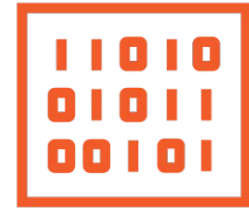
Triggers



HTTP Request



Timer



Blob



Queue



Cosmos DB



Service Bus



Bindings



Input bindings

- e.g. Blob, Cosmos DB

Output bindings

- e.g. Queue, SendGrid

Defined in function.json

Several built-in bindings

- More available as extensions

Every Table Storage row
has a **PartitionKey**
and a **RowKey**



Choosing a Database

Note: Azure Functions can connect to any database

Cosmos DB

Highly scalable

Globally distributed

Document database

Multiple programming models

Not as cheap as other options

Maybe overkill for this API

Table Storage

Extremely cheap

Limited querying capabilities

Emulated by the Storage Emulator

Every Function App already has a Storage Account in Azure

Good choice for initial prototype

Can migrate to Cosmos DB later



Demo



Using Table Storage bindings



Demo



Testing Table Storage

- Azure Storage Explorer



Demo



Timer triggered function



Demo



Queue output binding

Queue trigger

Blob input binding



Overview



Triggers and bindings

- Many are available

Table storage binding

- Read and write from table storage

Timer trigger

- Scheduled job

Queue binding and trigger

- Send and receive messages

Blob storage binding

Up next:
Running Functions in Azure

