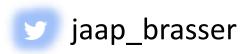


Demystifying Microsoft's Cloud Automation Products

Jaap Brasser Rubrik.com









Jaap Brasser

Tweets @ jaap_brasser

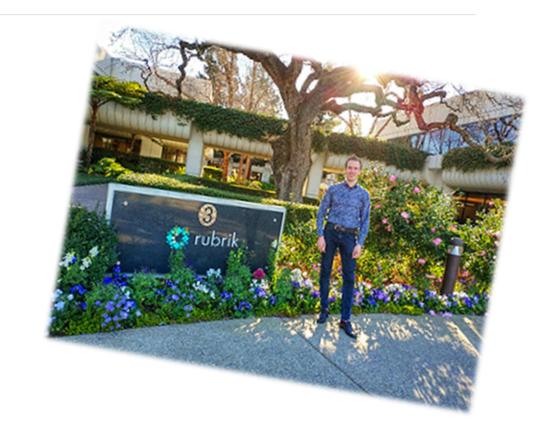
Blogs @ jaapbrasser.com

Works @ Rubrik.com

Does Blogger, Speaker, Tech Enthusiast

Likes Cloud Automation, Scripting &

Security







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Tweets @ jaap_brasser

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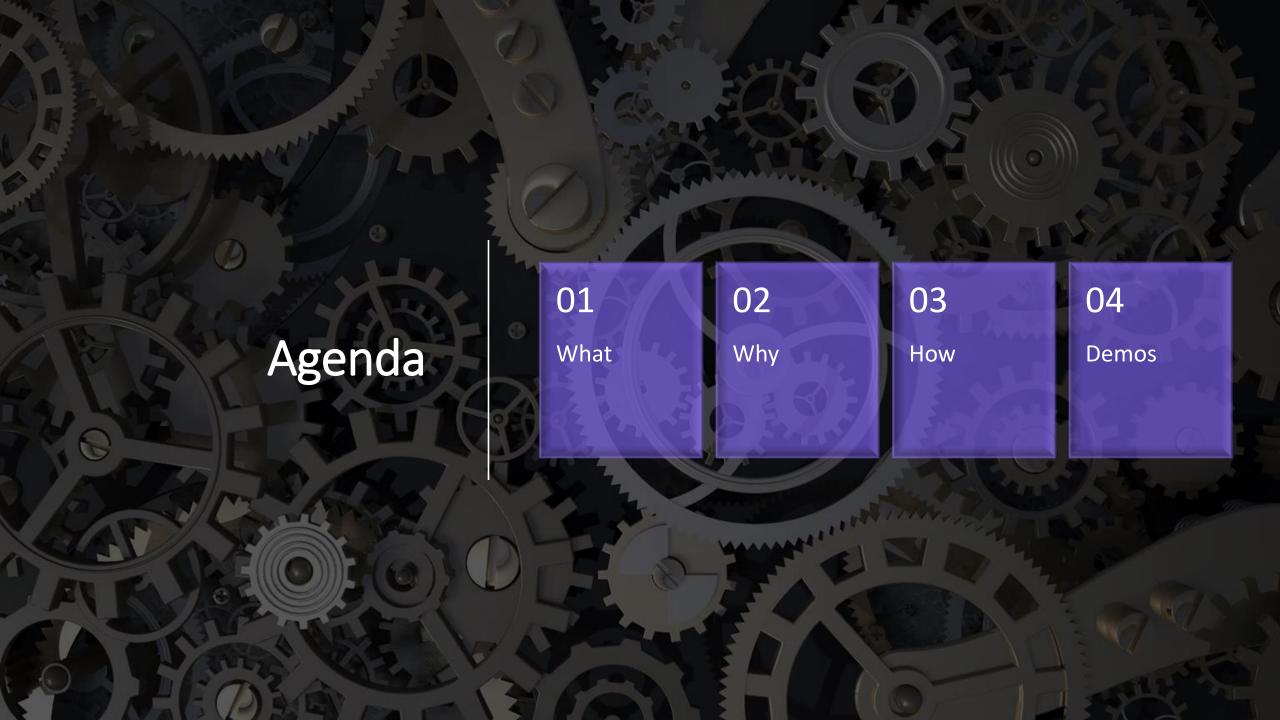
Likes Cloud Automation, Scripting &

Security

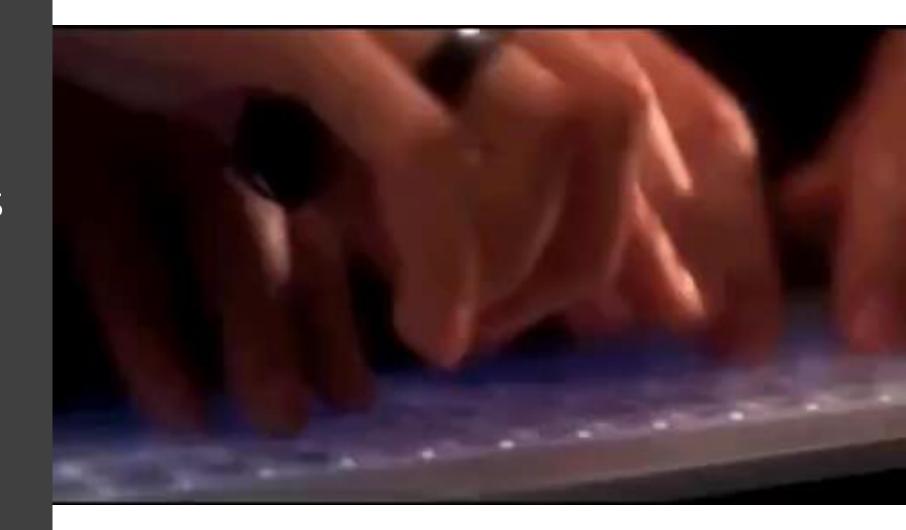


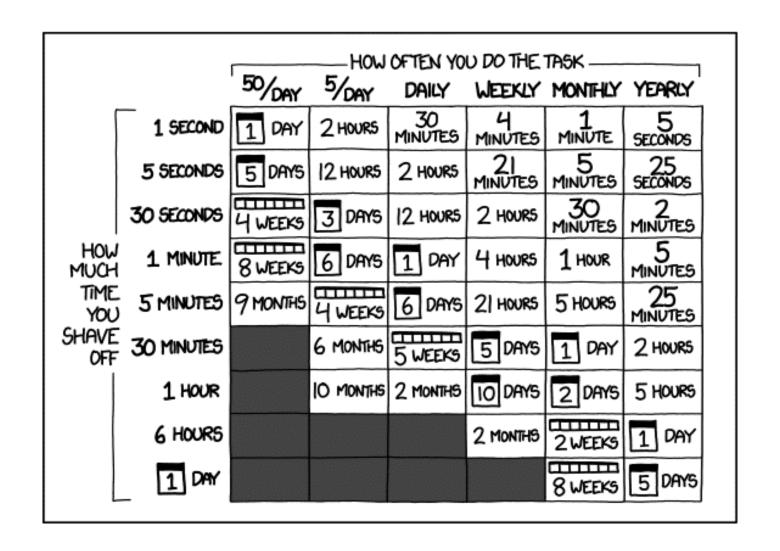






Because...
we don't
have 4 hands





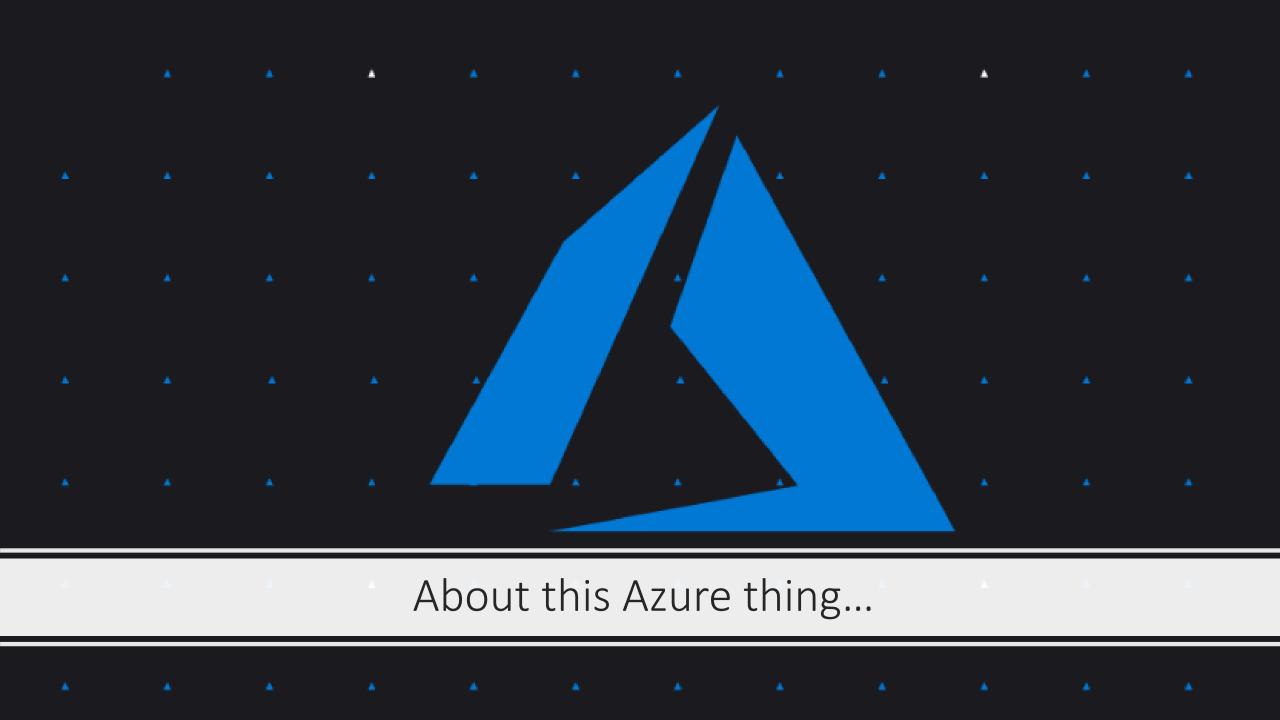
Worth it?

Because...
we are cool



Because...





Azure Bot Service

Intelligent, serverless bot service that scales on demand

Azure Search

Fully-managed search-as-a-service

Bing Custom Search

An easy-to-use, ad-free, commercial-grade search tool that lets you deliver the results you want

Bing Image Search

Search for images and get comprehensive results

Azure Databricks

Fast, easy, and collaborative Apache Spark-based analytics platform

Bing Autosuggest

Give your app intelligent autosuggest options for searches

Bing Entity Search

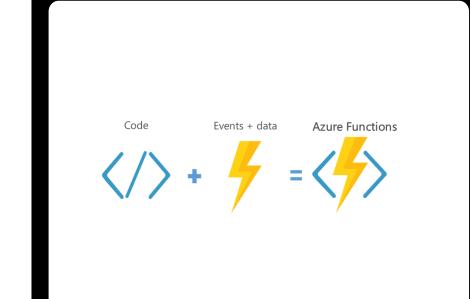
Enrich your experiences by identifying and augmenting entity information from the web

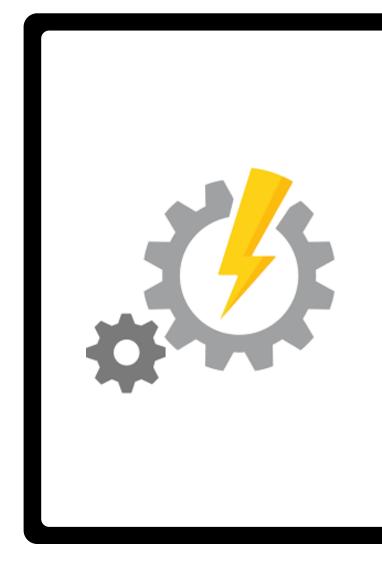
Bing News Search

Search for news and get comprehensive results

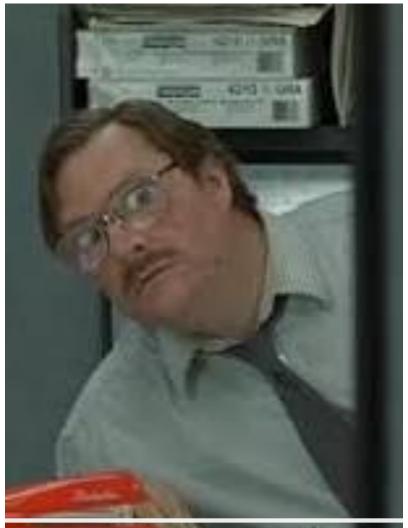


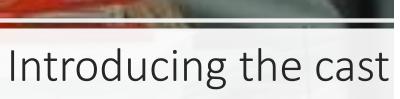
















Azure Automation



Process Automation

Orchestrate processes using graphical, PowerShell, and Python runbooks



Configuration Management

Collect inventory
Track changes
Configure desired state



Shared capabilities

Role based access control
Secure, global store for variables,
credentials, certificates, connections
Flexible scheduling
Shared modules
Source control support
Auditing
Tags



Update Management

Assess compliance Schedule update installation



Heterogenous

Windows & Linux
Azure and on-premises



Azure Automation Summary

Automate processes

Crossplatform conf mgmt Download runbooks & scripts

Event grid integration

Hybrid Runbook Worker

500 free minutes



Microsoft Flow



Office 365 Outl...



OneDrive for B...



Office 365 Users



SharePoint



Twitter



Notifications



RSS



Outlook.com

Recently added connectors



AtBot Admin



Marketing Cont...



Pitney Bowes T...



Excel Online (B...

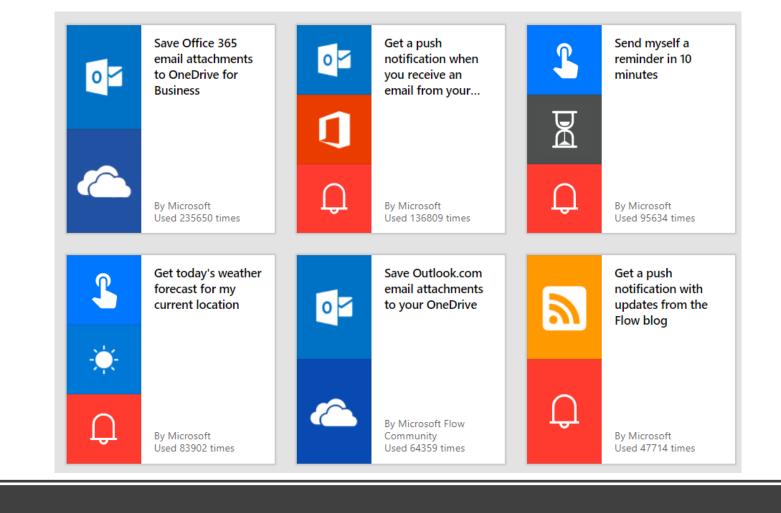


Excel Online (O...



Azure SQL Data...

Connectors



Templates



Flow Summary



Use Connectors to get data



Create triggers based on data



Build workflows



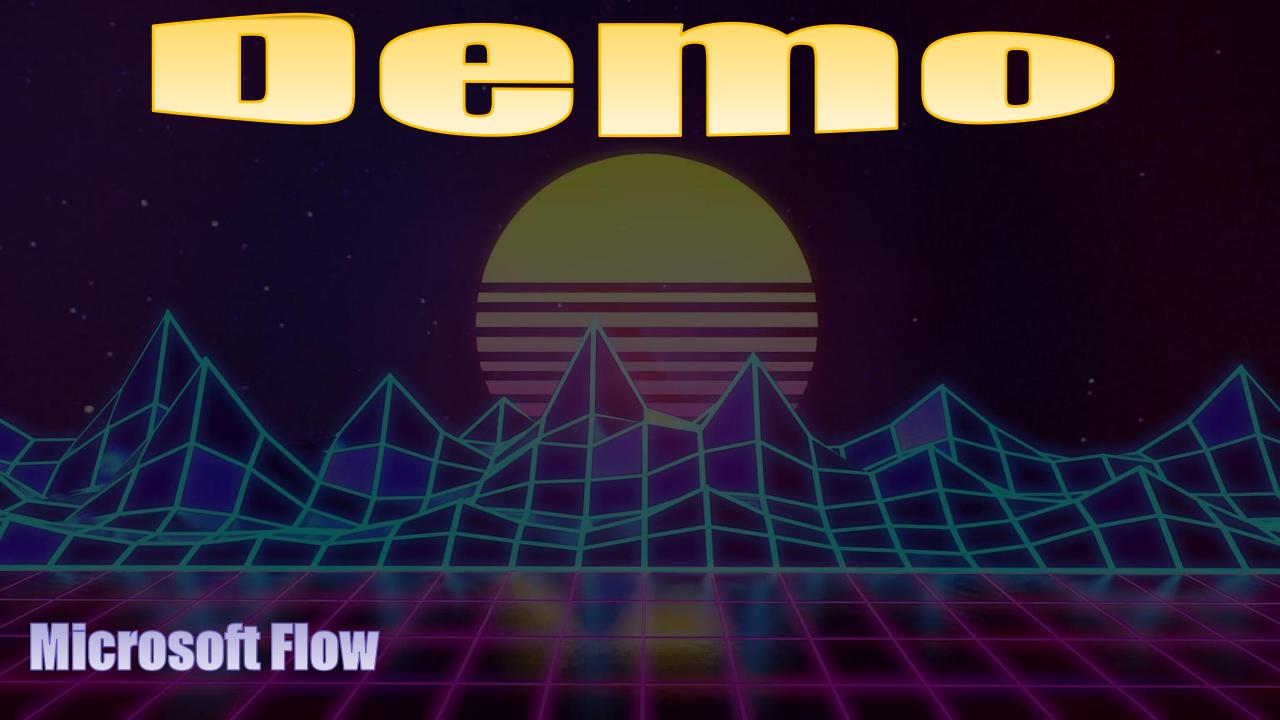
Integrate and combine services



Approval flows



Long runtime of flows





Demo Summary



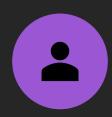
Use connectors



Built on top of PowerApps



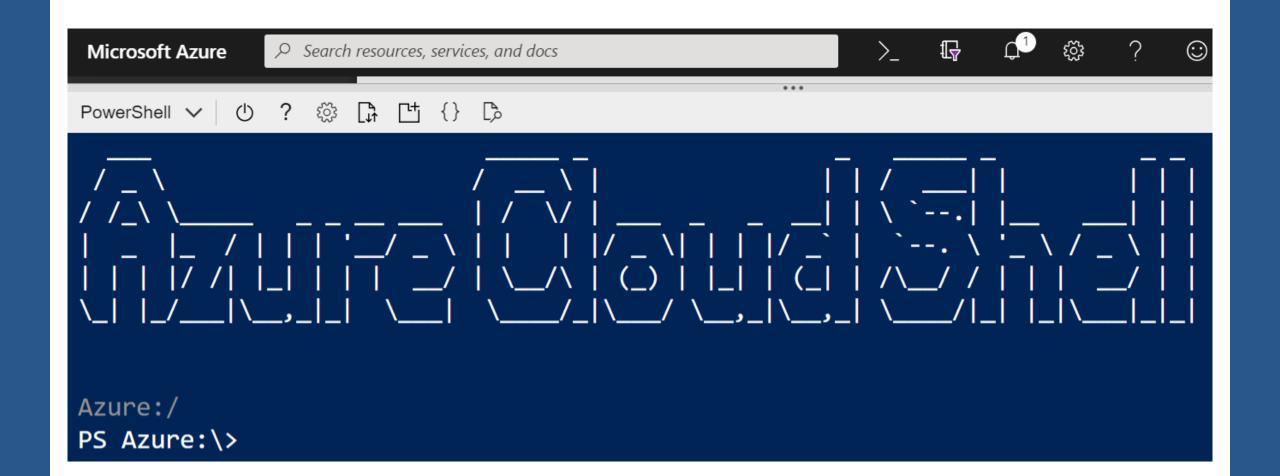
Free executions



Approval flows



Long running tasks





Cloud Shell Requirements



Azure Subscription



Browser, Extension, App



Storage Account



Shell skills



No upfront cost

✓ No termination fees

Pay only for what you need

>azure: open

Azure: Open Bash in Cloud Shell

Azure: Open PowerShell in Cloud Shell

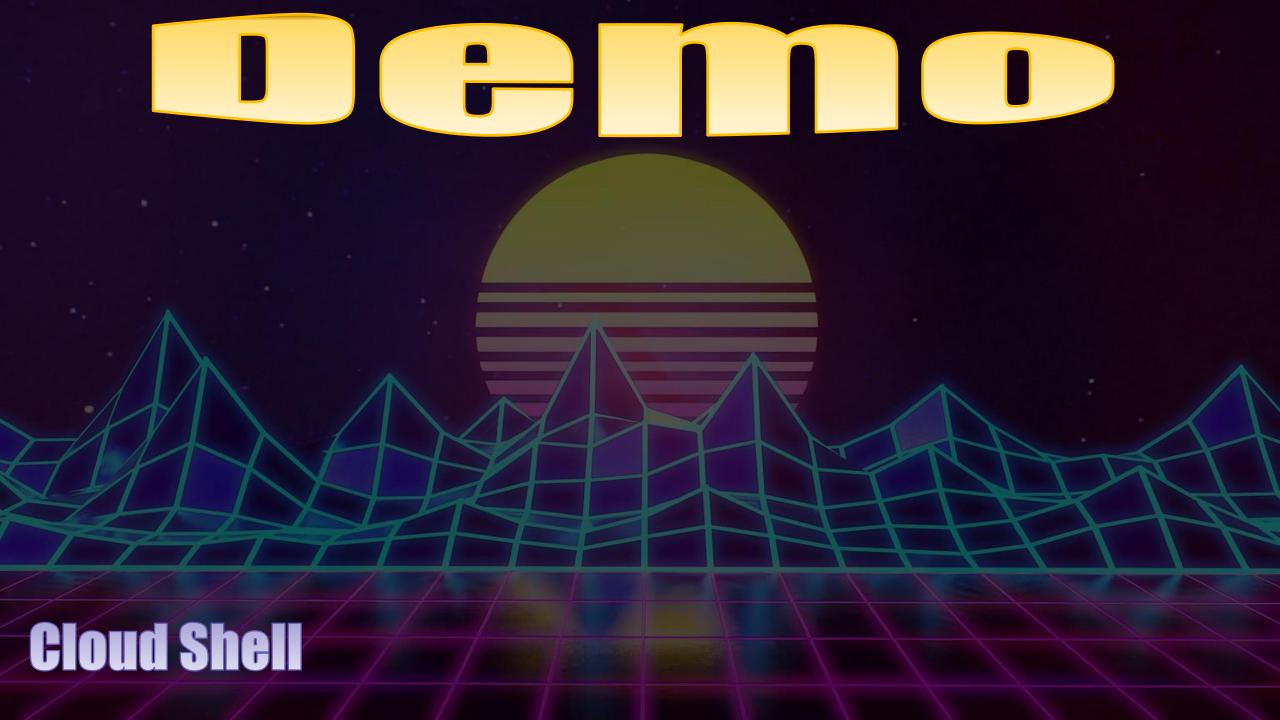
Run Cloud Shell from VSCode

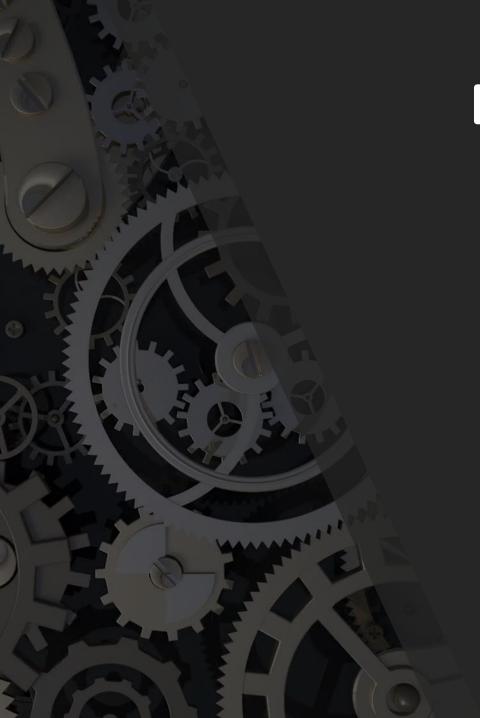


Azure Account 0.6.2

A common Sign-In and Subscription

Microsoft





Demo Summary



Login to Cloud Shell



pwsh & bash



Cloud Drive



Drag & Drop

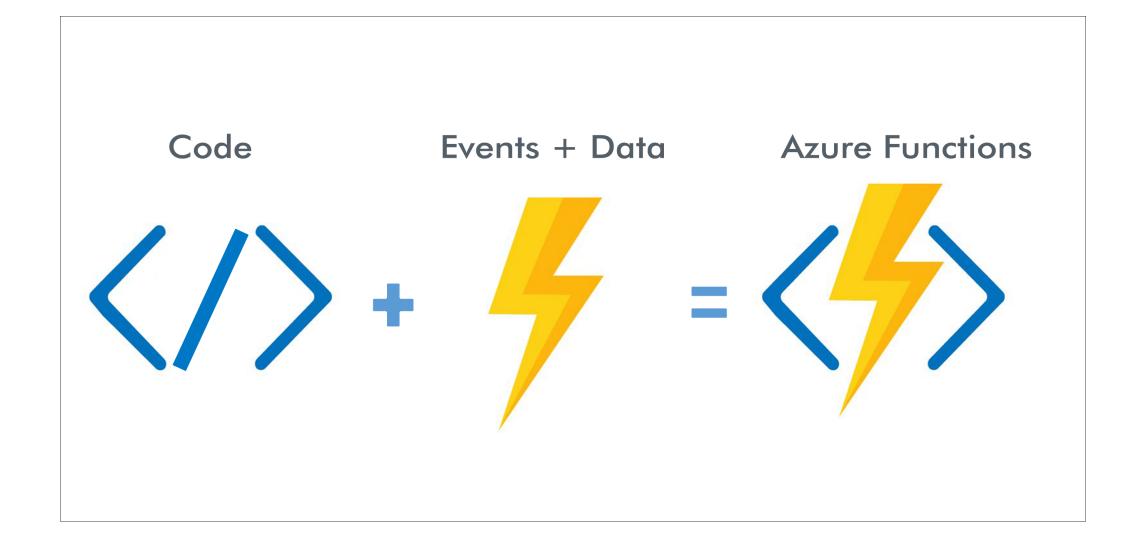


Launch from vscode



All the tools





Thanks PowerShell Team

Public Preview of PowerShell in Azure Functions



Joey

April 29th, 2019

Over the last six months, we've been hard at work integrating PowerShell Core with Azure Functions 2.x. Today, I'm happy to announce that we're releasing public preview of PowerShell support for Azure Functions 2.x for Windows (Consumption, Premium, and App Service pricing plans).

Advantages of Azure Functions







Pay for what you use

No Infrastructure to manage

No maintenance of servers



Can be placed in existing subscriptions

Simplify code writing

What are we trying to solve?



RE-USING EXISTING SKILLS



RE-USING EXISTING CODE / SCRIPTS



FASTER DEPLOYMENT



CLOUD NATIVE

