

Jaap Brasser

Tweets @ jaap_brasser

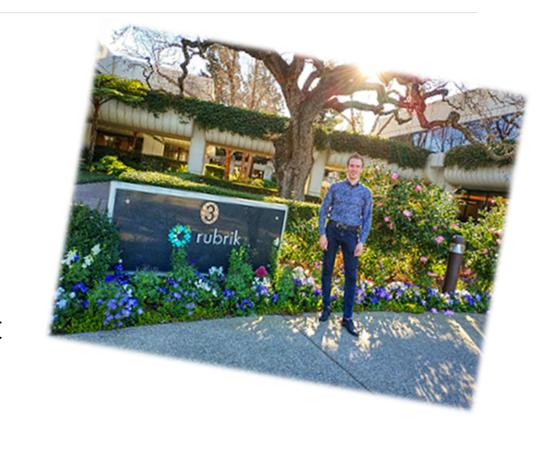
Blogs @ jaapbrasser.com

Works Tech Marketeer @ Rubrik.com

Does Blogger, Speaker, Tech Enthusiast

Likes Cloud Automation, Scripting &

Security















Cloud Automation

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

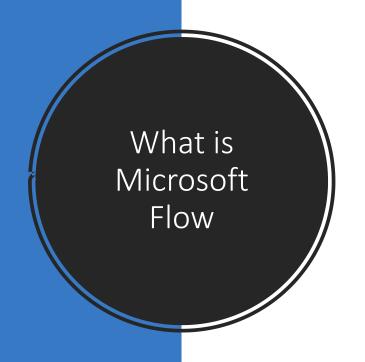
Cross-platform conf mgmt

Download runbooks & scripts

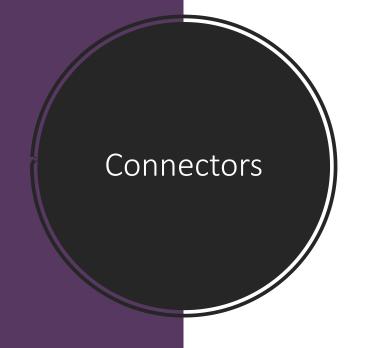
Event grid integration

Hybrid Runbook Worker

500 free minutes



















Office 365 Outl...

OneDrive for B...

Office 365 Users

SharePoint

Twitter

Notifications



RSS



Outlook.com

Recently added connectors







Marketing Cont...



Pitney Bowes T...



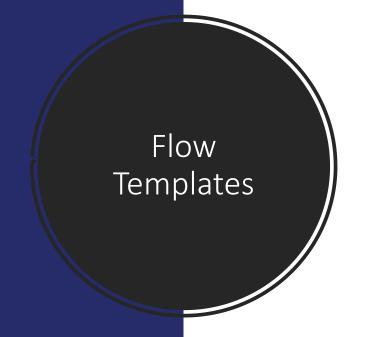
Excel Online (B...

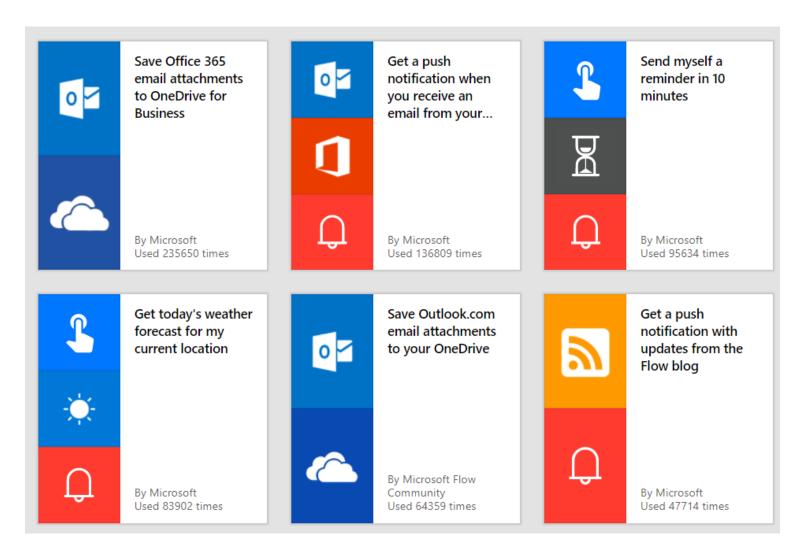


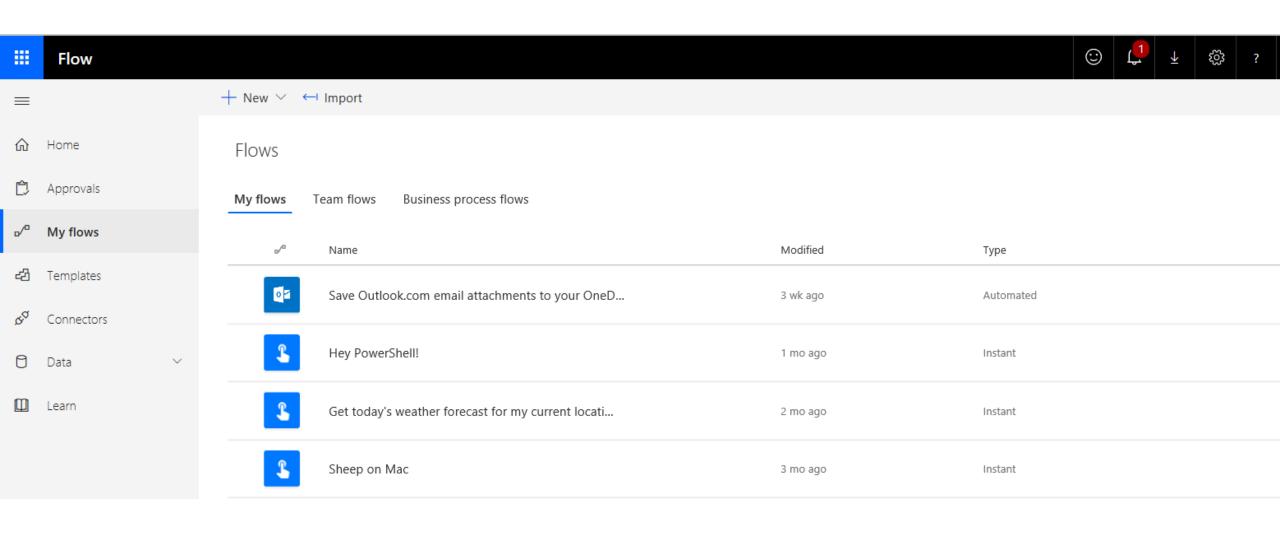
Excel Online (O...

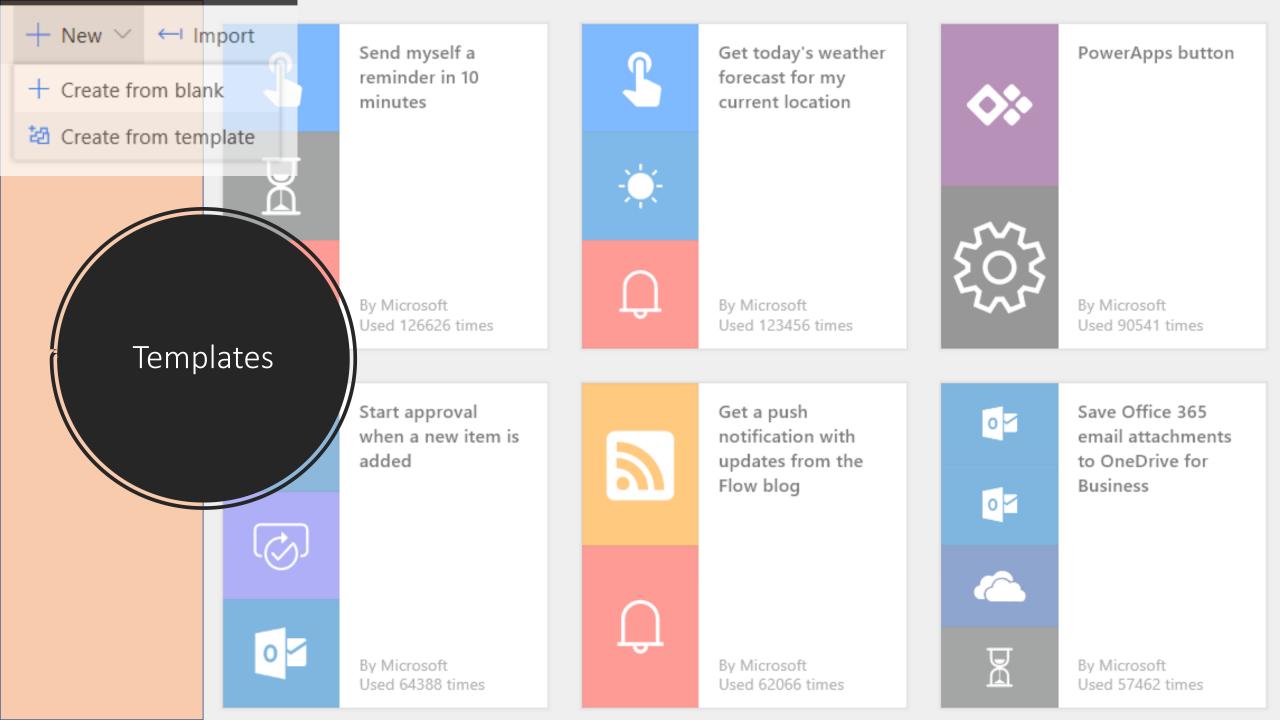


Azure SQL Data...









Flow Summary

Use Connectors to get data

Create triggers based on data

Build workflows

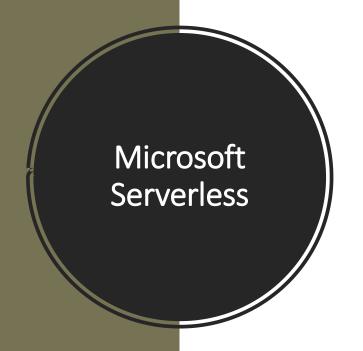
Integrate and combine services

Approval flows

Long runtime of flows

What are Azure Functions





Microsoft Serverless



Storage



Functions



Logic App



Media Services



Management Suite



App Service



Document DB



CDN





Machine Learning



OMS



Services

Embedded Power BI



Traffic Manager



















Stream Analytics



Scheduler

Hockey App



Azure Web Apps

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



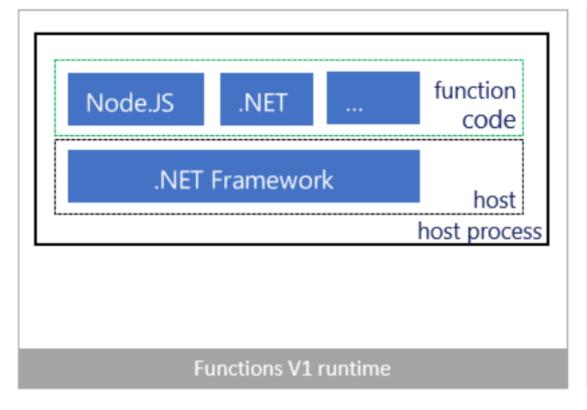
RE-USING EXISTING CODE / SCRIPTS

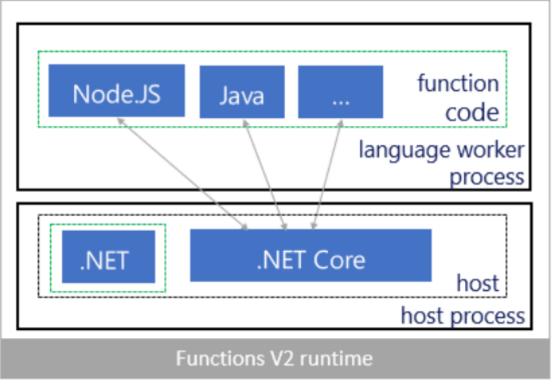


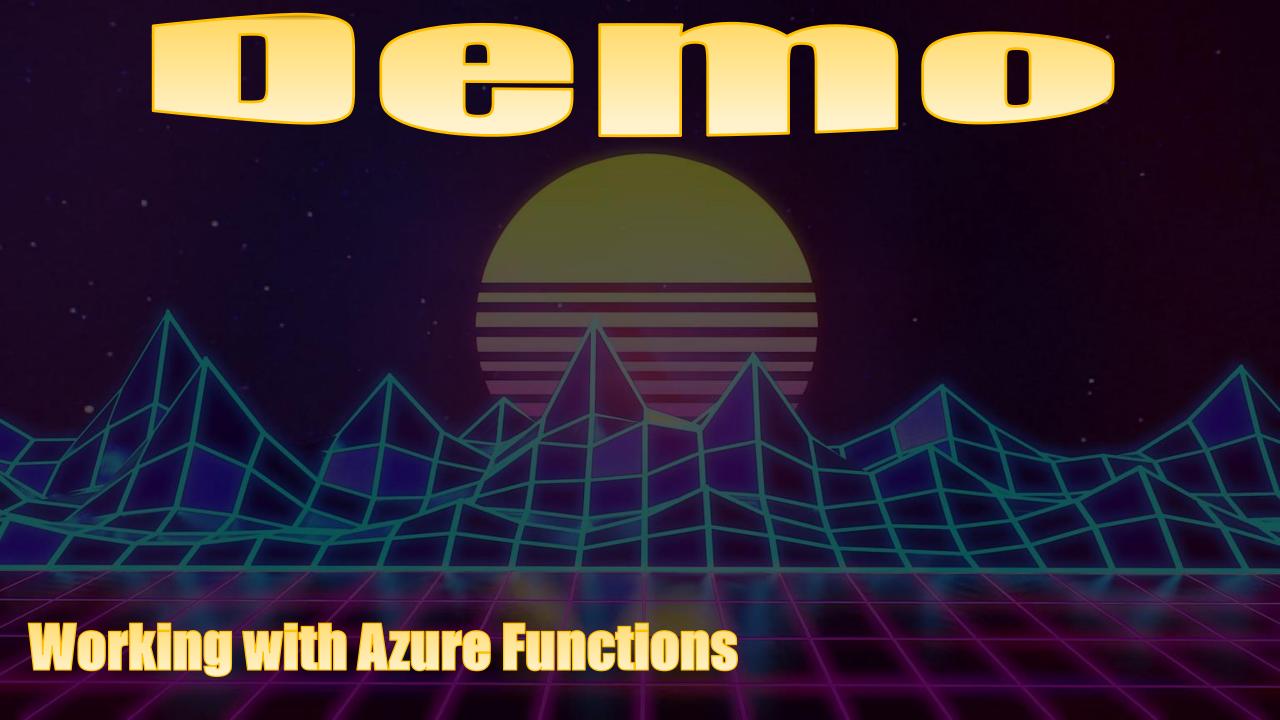
FASTER DEPLOYMENT



CLOUD NATIVE

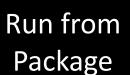






Alternative Deployment methods







GitHub CD



FTP Upload

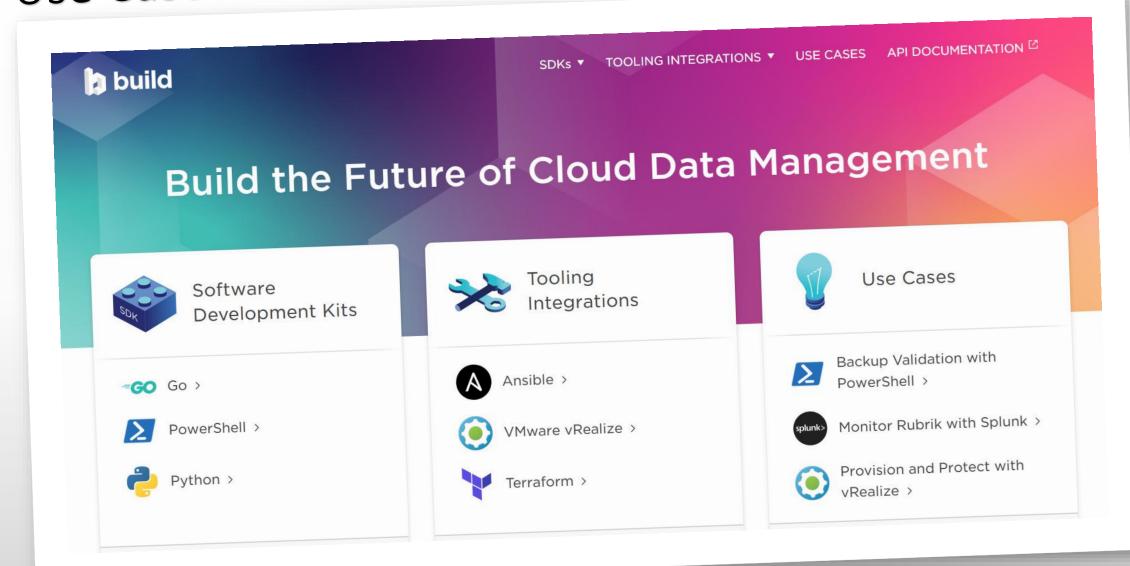


PowerShell / CLI



Visual Studio

Use Cases



Azure Functions Summary

Use existing PowerShell skills

Develop serverless code

Interact with other services

Free tier

functions.azure.com

