
PROLOGUE
Design and Develop a
Serverless Event-Driven
Microservice-Based Solution

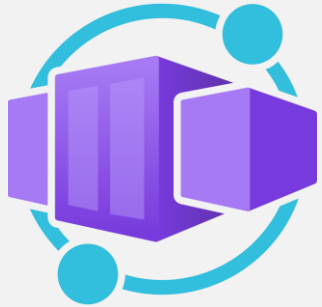
Overview of Azure Serverless

Harnessing the Power of Microservice Azure

Azure Serverless

Compute

Azure Kubernetes Service



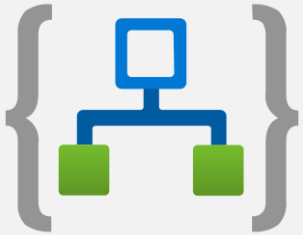
Azure Container Apps

Azure App Service

Azure Functions

Azure Serverless

Workflow and Integration



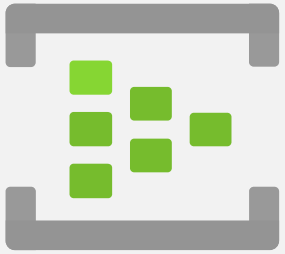
Azure Logic Apps

API Management

Azure Event Grid

Azure Serverless

Data Processing and Analytics



Azure Event Hubs

Azure Stream Analytics

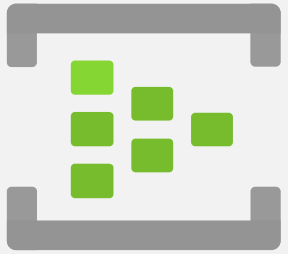
Azure Synapse Analytics

Azure Data Lake Analytics

Azure Serverless

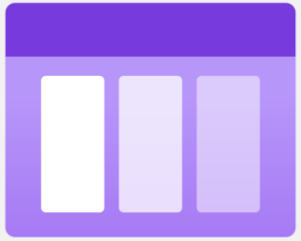
Messaging

Azure Service Bus



Azure Event Hubs

Azure Event Grid



Azure Storage Queues

Azure Serverless

Data Storage

Azure SQL Database

Azure Cosmos DB

Azure Storage

Azure Functions

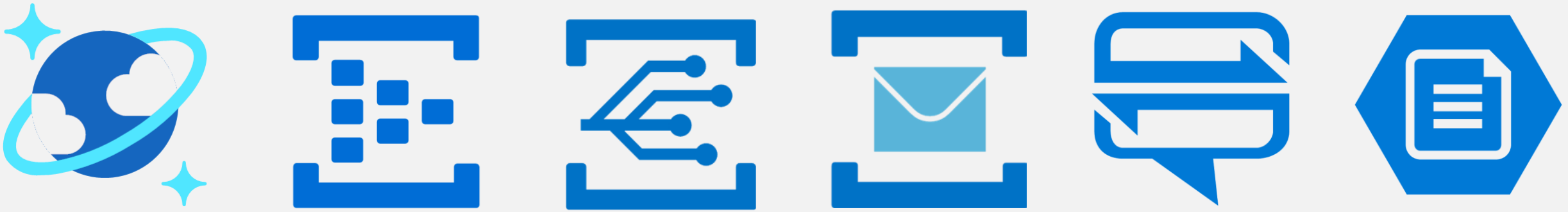
Code

Events + data

Choice of Language

Bring your own dependencies

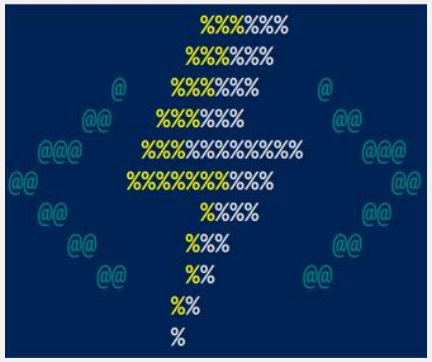
Simplified Integration



RabbitMQ

twilio

Flexible Development



Maven™

Many Hosting Options

Consumption

Serverless

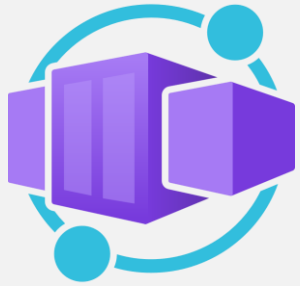
Premium

Sort of Serverless

Dedicated

App Service Plan

Container Apps



Consumption, Dedicated

App Service Environment

Network Isolation

Azure Stack

On Premises

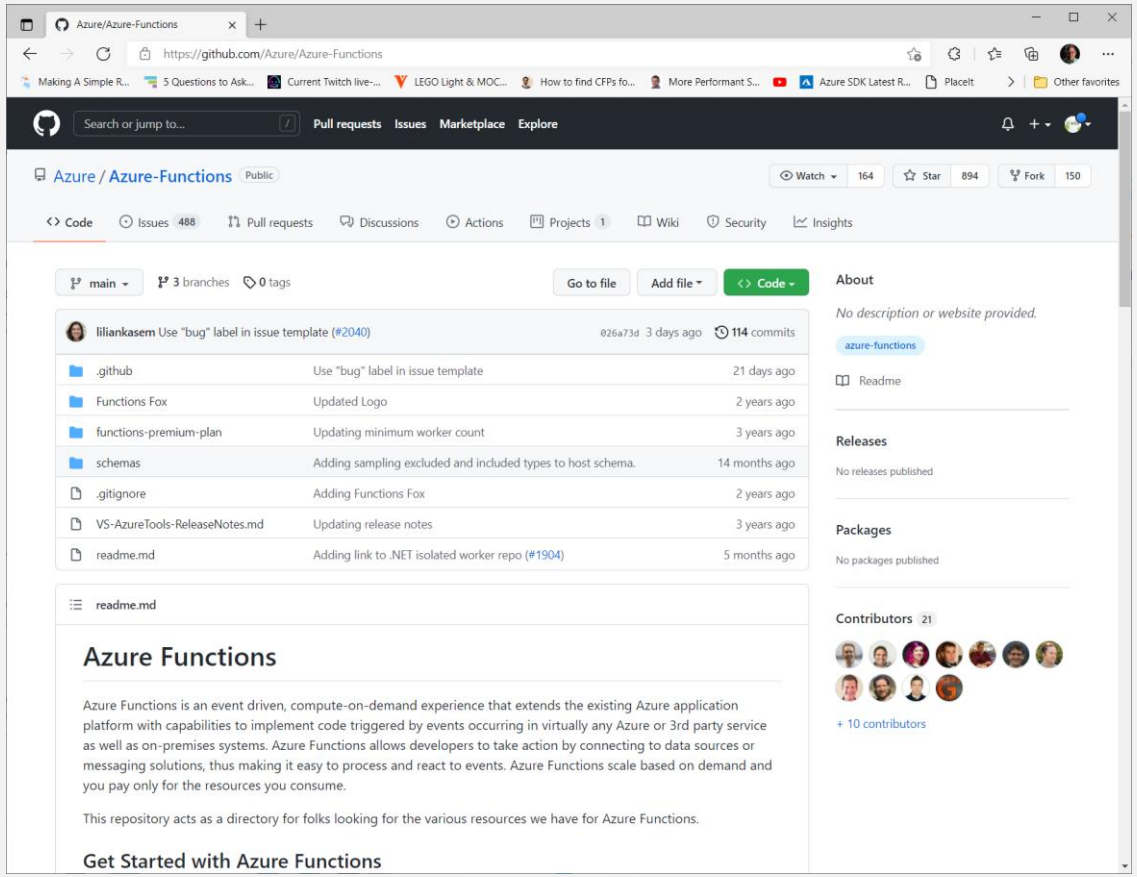
Functions Runtime

Your Server

Azure IoT Edge

On Devices

Open Source


Azure/Azure-Functions
https://github.com/Azure/Azure-Functions
Search or jump to...
Pull requests
Issues
Marketplace
Explore
Azure / Azure-Functions
Public
Watch 164
Star 894
Fork 150
Code
Issues 488
Pull requests
Discussions
Actions
Projects 1
Wiki
Security
Insights
main
3 branches
0 tags
Go to file
Add file
Code
liliankasem Use "bug" label in issue template (#2040)
026a73d 3 days ago
114 commits
.github Use "bug" label in issue template 21 days ago
Functions Fox Updated Logo 2 years ago
functions-premium-plan Updating minimum worker count 3 years ago
schemas Adding sampling excluded and included types to host schema. 14 months ago
.gitignore Adding Functions Fox 2 years ago
VS-AzureTools-ReleaseNotes.md Updating release notes 3 years ago
readme.md Adding link to .NET isolated worker repo (#1904) 5 months ago
readme.md
Azure Functions
Azure Functions is an event driven, compute-on-demand experience that extends the existing Azure application platform with capabilities to implement code triggered by events occurring in virtually any Azure or 3rd party service as well as on-premises systems. Azure Functions allows developers to take action by connecting to data sources or messaging solutions, thus making it easy to process and react to events. Azure Functions scale based on demand and you pay only for the resources you consume.
This repository acts as a directory for folks looking for the various resources we have for Azure Functions.
Get Started with Azure Functions
About
No description or website provided.
azure-functions
Readme
Releases
No releases published
Packages
No packages published
Contributors 21
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Conclusion

- Azure Serverless offers a robust, scalable, and cost-effective solution for modern cloud computing.
- It allows developers to focus on building applications without worrying about infrastructure.

Introduction to Infrastructure as Code and Terraform

Spells for Provisioning Cloud Resources