# Azure Functions Fundamentals Useful Links

Here are some useful lo

**Official Docs**

* [Azure Functions Documentation](https://docs.microsoft.com/en-gb/azure/azure-functions/)
* Azure Functions Overview

**Azure Functions on GitHub**

* [Azure Functions Releases](https://github.com/Azure/azure-functions-host/releases)
* [Azure/azure-functions-host (Azure Functions Runtime)](https://github.com/Azure/azure-functions-host)
* [Azure/azure-functions-templates (Azure Functions templates)](https://github.com/Azure/azure-functions-templates)
* [Azure/azure-functions (Documentation)](https://github.com/Azure/azure-functions)
* [Azure/azure-functions-core-tools (Azure Functions Core Tools)](https://github.com/Azure/azure-functions-core-tools)
* [Azure/azure-cli (Azure CLI)](https://github.com/Azure/azure-cli)
* [Azure/azure-functions-ux (Azure Functions Portal)](https://github.com/azure/azure-functions-ux/issues)

**Asking Questions and Feature requests**

* [MSDN Forums](https://social.msdn.microsoft.com/Forums/azure/en-US/home?forum=AzureFunctions)
* [Stack Overflow Azure Functions Questions](http://stackoverflow.com/questions/tagged/azure-functions)
* [Feature requests](https://feedback.azure.com/forums/355860-azure-functions)

**Tools**

* [Azure Functions Core Tools](https://docs.microsoft.com/en-us/azure/azure-functions/functions-run-local)

**Useful information**

* [Azure Functions pricing](https://azure.microsoft.com/en-us/pricing/details/functions/)
* [Azure Functions Deployment Documentation](https://docs.microsoft.com/en-us/azure/azure-functions/functions-continuous-deployment)
* [Best Practices for Azure Functions](https://docs.microsoft.com/en-us/azure/azure-functions/functions-best-practices)

**Pluralsight Courses**

* [Azure Durable Functions Fundamentals](https://app.pluralsight.com/library/courses/azure-durable-functions-fundamentals) (Mark Heath)
* [Microsoft Azure Developer: Create Serverless Functions](https://app.pluralsight.com/library/courses/microsoft-azure-serverless-functions-create) (Mark Heath)
* [Testing Precompiled Azure Functions: Deep Dive](https://app.pluralsight.com/library/courses/azure-functions-testing-precompiled-deep-dive) (Jason Roberts)

**Sample Code**

* [Azure Serverless Community Library](https://www.serverlesslibrary.net/)
* [Azure Functions Todo Sample](https://github.com/markheath/funcs-todo-csharp)

**How-Tos from markheath.net**

* [Overwhelmed by Choice with Azure Functions?](https://markheath.net/post/azure-functions-choices)
* [Deploy Web and Function Apps with Run from Package](https://markheath.net/post/run-from-package)
* [Accessing Key Vault from Azure Functions using Managed Identities](https://markheath.net/post/managed-identity-key-vault-azure-functions)
* [Deploying Azure Functions with the Azure CLI](https://markheath.net/post/deploying-azure-functions-with-azure-cli)
* [Run Azure Functions in a Docker Container](https://markheath.net/post/azure-functions-docker)
* [Creating simple CRUD REST-style APIs with Azure Functions C# Bindings](https://markheath.net/post/azure-functions-rest-csharp-bindings)
* [Using Azure Functions v2 proxies to avoid CORS issues](https://markheath.net/post/azure-functions-v2-proxies)
* [Managing Azure Functions Keys](https://markheath.net/post/managing-azure-function-keys)
* [The Case for Durable Workflows](https://markheath.net/post/the-case-for-durable-workflows)
* [Azure Functions Visual Studio 2017 Tooling](https://markheath.net/post/azure-functions-vs2017-tooling-intro)
* [Securing an Azure Functions App with EasyAuth and AD B2C](https://markheath.net/post/secure-azure-functions-app-easy-auth-adb2c)
* [Hosting Static Websites in Azure Blob Storage with Azure Functions Proxies](https://markheath.net/post/static-websites-azure-blob-storage-functions-proxies)
* [Enabling CORS for Testing Azure Functions Locally](https://markheath.net/post/enable-cors-local-test-azure-functions)
* [Rapid API Development with Azure Functions](https://markheath.net/post/rapid-api-development-with-azure-functions)
* [Deploying Azure Functions with Kudu and PowerShell](https://markheath.net/post/deploy-azure-functions-kudu-powershell)

**Real World Use Cases (mostly v1)**

* Troy Hunt - [Azure Functions in Practice](https://www.troyhunt.com/azure-functions-in-practice/) - Calling cloudflare (Queue Trigger, C#)
* François Boucher - [How I use Azure Logic App, API App and Function App](http://www.frankysnotes.com/2016/10/how-i-use-azure-app-api-app-and.html) (OneDrive, Blobs, LogicApp, C# Webhook)
* Greg Shackles - [Creating Slack Slash Commands with Azure Functions](https://gregshackles.com/creating-slack-slash-commands-with-azure-functions/) (Webhook, F#)
* Sean Feldman - [Azure Functions to make audit queue and auditors happy](https://weblogs.asp.net/sfeldman/azure-functions-to-make-audit-queue-and-auditors-happy) (C#, Queue Trigger, Blob Output)
* Rene Modery - [Using Azure Functions to receive daily Website Updates via Email](http://modery.net/using-azure-functions-to-receive-daily-website-updates-via-email/) (Daily timer, SendGrid, C#)
* Jason Roberts - [Sending a Regular SMS with Azure Functions and Twilio](http://dontcodetired.com/blog/post/Sending-a-Regular-SMS-with-Azure-Functions-and-Twilio) (Timer trigger, Twilio output)
* James Montemagno - [NanoServices for Mobile Apps with Azure Functions](https://blog.xamarin.com/nano-services-for-mobile-apps-with-azure-functions/) (blob trigger, mobile table output)
* Steve Lee - [Using reactive streams on serverless with cyclejs, xstream and Azure Functions](http://opendirective.net/blog/2016/10/exploring-reactive-streams-with-serverless-xstream-cyclejs-and-azure-functions/?platform=hootsuite) (reactive programming, javascript)
* Jeff Branch (Channel 9) - [Transcribing Audio to Text with Azure Functions and Cognitive Services](https://channel9.msdn.com/Blogs/MTC-After-Hours/Transcribing-Audio-to-Text-With-Azure-Functions-and-Cognitive-Services) (10 min video C#, DocumentDB out, cognitive services, blob storage)
* Mark Heath - [Handling Payment Webhooks with Azure Functions](http://markheath.net/post/payment-webhooks-azure-functions) (C#, webhooks, queues)
* Mark Heath - [Sending Randomly Scheduled Tweets with Azure Functions](http://markheath.net/post/randomly-scheduled-tweets-azure-functions) (C#, timer)
* Alexandre Verkinderen - [Retrieve Azure AAD user information with Azure Functions and publish it into PowerBI](http://www.mscloud.be/retrieve-azure-aad-user-information-with-azure-functions-and-publish-it-into-powerbi/) (Timer trigger, PowerShell)
* John Lui - [Build your PnP Site Provisioning with PowerShell in Azure Functions and run it from Flow](http://johnliu.net/blog/2016/11/build-your-pnp-site-provisioning-with-powershell-in-azure-functions-and-run-it-from-flow) (PowerShell, SharePoint, Flow)
* David O'Brien - [Hey Slack, where’s my flight?](https://blogs.msdn.microsoft.com/mvpawardprogram/2016/11/08/hey-slack-wheres-my-flight/) (PowerShell, Slack)
* Armin Reiter - [Using PowerShell to read RSS feed and write to Table Storage](https://codehollow.com/2016/11/working-azure-functions-part-1-powershell/) (Powershell, timer trigger, Table Storage)
* Armin Reiter - [Generating iCal files from meetup API](https://codehollow.com/2016/11/working-with-azure-functions-part-2-c) (HTTP Trigger, NuGet)
* James Chambers - [How to Resize Images Uploaded to Blob Storage with Azure Functions](http://jameschambers.com/2016/11/Resizing-Images-Using-Azure-Functions/) (C#, Blob Storage, Using NuGet)