



## Azure Function Tools for Visual Studio 2017

Microsoft | 9,576 installs | ★★★★★ (7)

Tools for creating and publishing Azure Functions

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This is a preview of Visual Studio 2017 Tools for Azure Functions.

### This extension enables

- Creating pre-compiled C# functions that bring better cold start performance than script based functions, and opens the entire eco-system of Visual Studio tools for class libraries including code analysis, unit testing, complete IntelliSense, 3<sup>rd</sup> party extensions, etc.
- Using [WebJobs attributes](#) to declare function bindings directly in the C# code rather than the separate function.json file
- Ability to edit, build, and run Function Apps locally on your Visual Studio machine
- Direct publish to Azure

```
public static class QueueTrigger
{
    [FunctionName("QueueTriggerCSharp")]
    public static void Run([QueueTrigger("myqueue-items", Connection = "QueueConnection")]string myQueueItem,
                          TraceWriter log)
    {
        log.Info($"C# Queue trigger function processed: {myQueueItem}");
    }
}
```

### To get started:

- Install [Visual Studio 2017 \(version 15.3\) Preview](#) (it will not work with any earlier versions of Visual Studio)
- Install either the "ASP.NET and web development" or "Azure development" workload
- For a more detailed overview, [see our blog post](#)
- Report issues or provide feedback on the [Azure Functions GitHub repo](#) and prefix them with *[Visual Studio]*.

### Categories

Tools Coding Web Connected Services

### Tags

Azure Azure Functions

### Works with

Visual Studio 2017

### More Info

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