

Open API Enablement on Your Azure Functions

GLOBAL INTEGRATION BOOTCAMP

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Open API Support in Azure Functions



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OpenAPI 2.0 metadata support in Azure Functions (preview)

03/23/2017 • 3 minutes to read • +5

OpenAPI 2.0 (formerly Swagger) metadata support in Azure Functions is a preview feature that you can use to write an OpenAPI 2.0 definition inside a function app. You can then host that file by using the function app.

Important

The OpenAPI preview feature is only available today in the 1.x runtime. Information on how to create a 1.x function app [can be found here](#).

OpenAPI metadata allows a function that's hosting a REST API to be consumed by a wide variety of other software. This software includes Microsoft offerings like PowerApps and the API Apps feature of Azure App Service, third-party developer tools like Postman , and many more packages .

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Add OpenAPI support to Functions 2.x runtime #2874



alexkarcher-msft opened this issue on May 22, 2018 · 7 comments



alexkarcher-msft commented on May 22, 2018

Member

...

I'd like the OpenAPI definition feature set moved along to the 2.x runtime. This includes the ability to host an OpenAPI definition, the API definition generator, and all of the portal UI.

This is a well requested preview feature will give the 2.x runtime more complete feature parity with the 1.x runtime.



34



alexkarcher-msft added [2.0](#) [feature:OpenAPI](#) labels on May 22, 2018



paulbatum added this to the [Backlog](#) milestone on May 24, 2018

Assignees

No one assigned

Labels

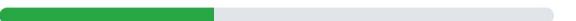
[2.0](#) [feature:OpenAPI](#)

[functions-v2-postGA](#)

Projects

None yet

Milestone





Current Runtime Version: v3



Coach, I want to use
Open API in my
Azure Functions





Soooo... Experiment Started!

Experiment Preview



Community Contributed Extension



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aliencube / AzureFunctions.Extensions

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✓ 3721790 on Nov 14, 2020

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This provides some useful extensions for Azure Functions.

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Forked to Azure Repo

Azure Functions Open API Extension



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aka.ms/azfunc-openapi



Azure / azure-functions-openapi-extension



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About



This extension provides an Azure Functions app with Open API capability for better discoverability to consuming parties

www.nuget.org/packages/microsoft.azure.functions.openapi-extension/

azure-functions swagger-ui open-api

Readme

MIT License

Releases 6

[v0.5.0-preview: Update](#) Latest



now

+ 5 releases

```
dotnet add package Microsoft.Azure.WebJobs.Extensions.OpenApi  
--version 0.5.0-preview
```

```
public static class DefaultHttpTrigger
{
    [FunctionName("DefaultHttpTrigger")]

    public static async Task<IActionResult> Run(
        [HttpTrigger(AuthorizationLevel.Function, "get", "post", Route = null)] HttpRequest req,
        ILogger log)
    {
        // ...
    }
}
```



Supports Azure Functions v2+

Demo #1: Enabling Open API in Azure Functions



Demo #2: Securing Open API in Azure Functions



Demo #3: Integrating Open API-enabled Azure Functions to API Management



Demo #4: Building Custom Connector with Open API-enabled Azure Functions



Demo #5: Enabling Open API in Azure Functions v1 via Proxy



Summary



How to Activate Open API in Azure Functions

How to Build Custom Connector via Open API-enabled Function App



Currently in Early Preview



Try It at Your End!



Feedbacks Welcome!

aka.ms/azfunc-openapi



aka.ms/azfunc-openapi-gettingstarted





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Questions?



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Thank you!