

Rest in C# with Azure

Web Service Development

Mobile Software Development

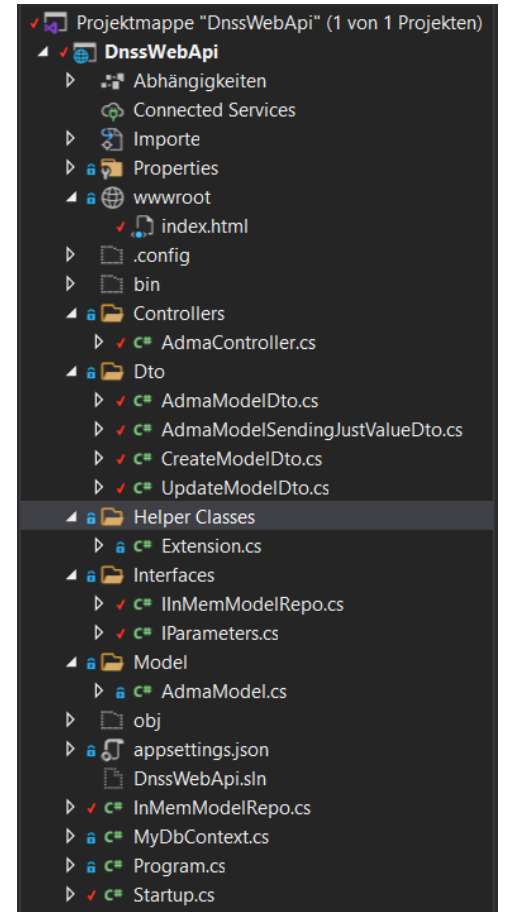
By Matthias Pöttler

Install/Run for Project

- clone the Project from <https://github.com/mpoettler/WebServiceAzuePoettler.git> or <https://mpoettler@websevicepoettler.scm.azurewebsites.net/WebsevicePoettler.git>
- Open Project in Visual Studio or Visual Studio Code
- Open Project with Azure Project <https://websevicepoettler.azurewebsites.net/swagger/index.html> or start it in Visual Studio.

Descripton And Structure of the Project

- This App is a simpler Version to store some values AdmaModel(GNSS System) into an Azure Database. The Application is also deployed in Microsoft Azrue. You can use HTTP Methods do add, change,delete or show values from the Azure SQL Database. The Technology Stack is C# with Azure.



Azure



- Azure is Cloud Computing Service from Microsoft
- Azure provides many Services like SQL Databases
- Azure is not Free

The screenshot displays the Azure portal interface for an App Service named 'WebServicePoettler'. The left-hand navigation pane includes links for Overview, Activity log, Access control (IAM), Tags, Diagnose and solve problems, Microsoft Defender for Cloud, Events (preview), Deployment, Quickstart, Deployment slots, and Deployment Center. The main content area features a toolbar with actions like Browse, Stop, Swap, Restart, Delete, Refresh, Get publish profile, Reset publish profile, Share to mobile, and Send us your feedback. A purple banner at the top of the main area provides a link to Application Insights. Below this, the 'Essentials' section lists key properties: Resource group (myResourceGroup), Status (Running), Location (West Europe), Subscription (Azure subscription 1), and Subscription ID (55d53f2b-851e-4d98-9121-2b48c64c1434). To the right, a table of configuration details is shown, including the URL (https://webservicepoettler.azurewebsites.net), Health Check (Not Configured), App Service Plan (myAppServicePlan (F1: Free)), Git/Deployment username (mpoettler), Git clone url, and FTP hostname. At the bottom, there are two informational boxes: 'Diagnose and solve problems' and 'Application Insights'.

Home >

WebServicePoettler App Service

Search

Browse Stop Swap Restart Delete Refresh Get publish profile Reset publish profile Share to mobile Send us your feedback

Click here to access Application Insights for monitoring and profiling for your ASP.NET Core app. →

Essentials [JSON View](#)

Resource group (move)	: myResourceGroup	URL	: https://webservicepoettler.azurewebsites.net
Status	: Running	Health Check	: Not Configured
Location	: West Europe	App Service Plan	: myAppServicePlan (F1: Free)
Subscription (move)	: Azure subscription 1	Git/Deployment username	: mpoettler
Subscription ID	: 55d53f2b-851e-4d98-9121-2b48c64c1434	Git clone url	: https://mpoettler@webservicepoettler.scm.azurewebsites.net/We...
		FTP hostname	: ftp://waws-prod-am2-593.ftp.azurewebsites.windows.net/site/www...

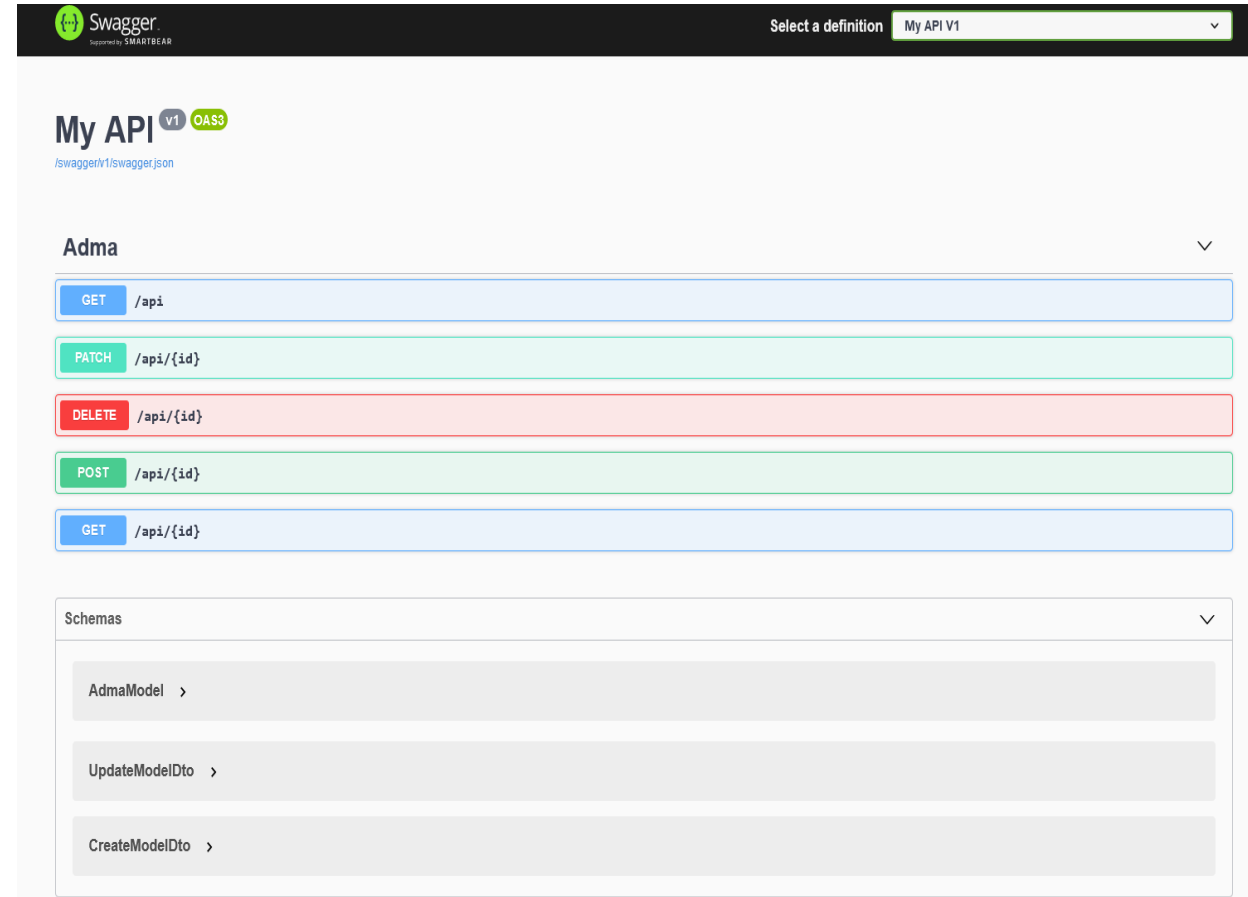
Tags (edit) : CostCenter : 000 Description : None Owner : None

Diagnose and solve problems
Our self-service diagnostic and troubleshooting experience

Application Insights
Application Insights helps you detect and diagnose quality

Swagger

- Swagger synchronizes API documentation with server and client
- Allows Interaction with the Rest Api
- Provides Responses in Json or Xml



Sources

- <https://learn.microsoft.com/de-de/azure/app-service/app-service-web-tutorial-rest-api>
- <https://learn.microsoft.com/en-us/azure/app-service/tutorial-dotnetcore-sqlldb-app?tabs=azure-portal%2Cvisualstudio-deploy%2Cdeploy-instructions-azure-portal%2Cazure-portal-logs%2Cazure-portal-resources#4---connect-the-app-to-the-database>
- <https://learn.microsoft.com/en-us/azure/active-directory-b2c/enable-authentication-web-api?tabs=csharpclient>
- <https://hevodata.com/learn/azure-rest-apis/>