

# Documenting Your Minimal API



**Kevin Dockx**

Architect

@Kevindockx | [www.kevindockx.com](http://www.kevindockx.com)

# Coming Up



**A few words on Swagger/ OpenAPI**

**Generating an OpenAPI specification & documentation UI**

**Strategies for improving the generated documentation**



# OpenAPI specification

A programming language-agnostic standard for documenting HTTP APIs



# A Few Words on Swagger / OpenAPI

**Swashbuckle inspects your API and generates a specification from it**

**Swashbuckle UI wraps swagger-ui, a documentation interface**



# A Few Words on Swagger / OpenAPI

**Support for improving the OpenAPI specification is provided via `Microsoft.AspNetCore.OpenApi`**



# Demo



## Adding support for OpenAPI with Swashbuckle



# Demo



## Adding descriptions and summaries



## Demo



**Describing response types and  
status codes**



# Demo



## Describing request types



# Demo



**Gaining full OpenApiOperation control**



# Demo



## Describing API security in Swagger



# Summary



**OpenAPI/Swagger is today's de facto standard for describing and documenting an HTTP API**



# Summary



**Improve what's provided out of the box**

- `Microsoft.AspNetCore.OpenApi`
- `.WithOpenApi( ... )`



# The End is Nigh...



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