# API Documentation

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Nobody likes to write documentation

But it's SO important

**Q:** How many developers will use an undocumented API?

A:

A:

# Importance of Documentation

- Crucial for the API usage

- Makes it easier to use

- Attracts developers

- Improves your image!

# OpenAPI

- De-Facto standard for API Documentation

- Description format for REST API

- Formerly known as Swagger

# OpenAPI

- Describes:

  - Endpoints

  - Parameters

  - Authentication

  - Information about the API

# OpenAPI

- Can be used to:

  - Provide documentation & test bed for developers

  - Generate client libraries

  - Generate the API (Design-First)

  - And more…

# OpenAPI

- Can be automatically generated

- Compatible with many API platforms

# OpenAPI Demo

## Swagger Petstore

https://petstore.swagger.io/

# OpenAPI Demo

## Swagger Inspector

https://inspector.swagger.io

# OpenAPI Format

- Stored in a JSON or YAML file

- Everyone use JSON…

# Implementing OpenAPI

ASP.NET Core     VS Code