

# Modern API Design with ASP.NET Core 2

## Chapter 09: Bells & Whistles

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**20 July 2019**

Q1. HATEOAS stands for?

- A. Hypertext As The Engine Of Application State
- B. Hypertext As The Engine Of Application Stateless
- C. Hypermedia As The Engine Of Application State
- D. None of Above

Answer: C

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Q2. HATEOAS is a \_\_\_\_\_ of the stateless application that allows a REST client to have no prior knowledge of how to interact with the server beyond a general understanding of hypermedia provided by the API.

- A. class
- B. constraint
- C. event
- D. function

Answer: B

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Q3. Which attribute is used to serialize the particular property to JSON?

- A. Json
- B. JsonProperty
- C. JsonMedia
- D. None of above

Answer: B

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Q4. What type of versioning must support by all APIs?

- A. outlined
- B. implicit
- C. explicit
- D. fixedTyped

Answer: C

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Q5. Versions of APIs can be located in \_\_\_\_\_ places.

- A. Two
- B. Three
- C. Four
- D. Five

Answer: C

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Q6. Which one of the following is a Version example as a query string parameter in the URL?

- A. `https://api.awesome.io/people?api-version=1.0`
- B. `https://api.awesome.io/v1.0/people`
- C. `GET /people HTTP/1.1`  
Host: api.awesome.io  
api-version: 1.0

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- D. GET /people HTTP/1.1  
Host: api.awesome.io  
Accept: application/json;v=1.0

Answer: A

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Q7. Which one of the following is a Version example as a URL segment in the URL?

- A. https://api.awesome.io/people?api-version=1.0  
B. https://api.awesome.io/v1.0/people  
C. GET /people HTTP/1.1  
Host: api.awesome.io  
api-version: 1.0  
D. GET /people HTTP/1.1  
Host: api.awesome.io  
Accept: application/json;v=1.0

Answer: B

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Q8. Which one of the following is a Version example as a part of a media type?

- A. https://api.awesome.io/people?api-version=1.0  
B. https://api.awesome.io/v1.0/people  
C. GET /people HTTP/1.1  
Host: api.awesome.io  
api-version: 1.0  
D. GET /people HTTP/1.1  
Host: api.awesome.io  
Accept: application/json;v=1.0

Answer: D

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Q9. Which package is used to add versioning to APIs in ASP.NET Core MVC?

- A. Microsoft.AspNetCore.Mvc.Api.Versioning  
B. Microsoft.AspNetCore.Mvc.Versioning  
C. Microsoft.AspNetCore.Mvc.Version  
D. None of Above

Answer: B

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Q10. If we do not specify any version in the request what will happens?

- A. it will be used as the latest version  
B. it will be used as the previous version  
C. nothing happens  
D. none of above

Answer: A

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Q11. To enable request-header versioning, which option need to set in the ConfigureServices method of the Startup class?

- A. ApiVersion  
B. ApiVersionReader  
C. ApiVersionWriter  
D. WebApiVersion

Answer: B

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Q12. What is Swagger?

- A. It is an open source framework that helps us design, build, document, and consume RESTful services
- B. It is used to group a set of logical operations with the same log information by using scopes
- C. It is used to specific logging configuration first needs to be added to the host
- D. None of Above

Answer: A

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Q13. To register the Swagger middleware, which extension method is used in the ConfigureServices of the Startup class?

- A. Add
- B. AddSwagger
- C. AddSwaggerGen
- D. AddSwaggerReg

Answer: C

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