ASP.NET Web API 2 for MVC
Chapter 23: Filters Part I

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Q1. Filters inject extra logic into the ApiController dispatch process and provide a simple and elegant mechanism to implement features that operate across multiple components in the MVC pattern, known as_____
- A. Handling errors
- B. Cross Debug Concerns
- C. *Cross-Cutting Concerns*
- D. None of the above

Answer: C

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Q2. Where Filters are defined?
- A. System.Web.Http.Filters
- B. System.Web.Http.Actions
- C. System.Web.Http
- D. System.Web.Http.Attribute

Answer: A

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Q3 Which one defined by Filters?
- A. FiltersOption
- B. ActionFilter
- C. IFilter
- D. IAction

Answer: C

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Q4. Which one specifies whether more than one instance of a specific filter can be used. _____?
- A. AllowMultipleAction
- B. AllowMultiple property
- C. AllowMultipleMedia
- D. None of the above

Answer: B

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Q5. Which Filter Type is used for IAuthenticationFilter?
- A. Authentication
- B. Authorization
- C. Security.
- D. Override

Answer: A

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Q6. What is the Interface of Action.
- A. ActionFilter
- B. IActionFilter
- C. IAction
- D. IFilter

Answer: B
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Q7 Which Filter Type is used for IOverrideFilter?
- A. Authentication
- B. Authorization
- C. Security.
- D. Override

Answer: D
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Q8 Which one Returns a Dictionary<string, object> that maps the names of the action method arguments to their types?
- A. ModelState
- B. ActionArguments
- C. ActionDescriptor
- D. Request

Answer: B
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Q9 Which one Returns an HttpActionDescriptor object that describes the action method that is going to be invoked?
- A. ActionArguments
- B. ActionDescriptor
- C. Request
- D. RequestContext

Answer: B
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Q10 Which one Returns the HttpRequestContext object that provides supplementary information about the request?
- A. ActionArguments
- B. ActionDescriptor
- C. Request
- D. RequestContext

Answer: D
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Q11 Which one Returns a ModelStateDictionary object used in the model validation process?
- A. ActionArguments
- B. ActionDescriptor
- C. Request
- D. ModelState

Answer: D

Q12 Which one Returns an HttpControllerContext object that describes the controller in which the action method is defined?
- A. ControllerContext
- B. ActionDescriptor
- C. Request
- D. ModelState

Answer: A

Q13 Which one Invoked before the action method is executed?
- A. OnActionExecutedAsync
- B. OnActionExecutingAsync
- C. OnActionExecutingTask
- D. None of the above

Answer: B

Q14 Which one Invoked after the action method is executed?
- A. OnActionExecutedAsync
- B. OnActionExecutingAsync
- C. OnActionExecutingTask
- D. None of the above

Answer: A

Q15 OnActionExecutedAsync method is provided by which class?
- A. ActionAttribute
- B. FilterAttribute
- C. ActionFilterAttribute
- D. None of the above

Answer: C

Q16 Which one returns the HttpActionContext that ApiController passes to the ExecuteActionFilterAsync method?
- A. ActionContext
- B. Exception
- C. Response
- D. Request

Answer: A

Q17 Which property is set to any exception that occurs in executing the continuation task?
- A. ActionContext
- B. Exception
- C. Response
- D. Request

Answer: B
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Q18 Which one returns the HttpRequestMessage object associated with the response.?
  A. ActionContext
  B. Exception
  C. Response
  D. Request
Answer: D
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Q19 Which one returns the HttpResponseMessage object that has been generated by the continuation task.?
  A. ActionContext
  B. Exception
  C. Response
  D. Request
Answer: C
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Q20 Which one provides information about the filters that apply to an action method, sorted by scope?
  A. Filter Pipeline
  B. Action Pipeline
  C. Action Attribute
  D. Action CounterLine
Answer: A
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Q21 Which one returns the filter object, which implements the IFilter interface?
  A. Interface
  B. Instance
  C. Scope
  D. Action
Answer: B
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Q22 Which one returns the scope of the filter, expressed using a value from the FilterScope enumeration?
  A. Interface
  B. Instance
  C. Scope
  D. Action
Answer: C
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Q23 Which one is not *Values Defined by the FilterScope Enumeration*?
  A. Global
  B. Instance

C. Controller

D. Action

Answer: B

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Q24 Which one is executed for requests that target any action method defined by the controller to which it has been applied?

A. Global

B. Instance

C. Controller

D. Action

Answer: C

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Q25 Which one is executed for all requests?

A. Global

B. Instance

C. Controller

D. Action

Answer: A

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Q26 How many most commonly used types are executed?

A. 4

B. 2

C. 5

D. 3

Answer: D

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Q27 Which one returns true if the user has been authenticated?

A. AuthenticationType

B. Name

C. IsAuthenticated

D. Security

Answer: C

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Q28 Which property returns a string that specifies the type of authentication used to create the identity?

A. AuthenticationType

B. Name

C. IsAuthenticated

D. Identity

Answer: D

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Q29 Which property is set to an implementation of the IHttpActionResult interface if the request cannot be authenticated?

A. ErrorResult
B. Principal
C. ActionContext
D. Identity

Answer: A

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Q30 Which property is used to specify the IHttpActionResult that will be executed to generate the HttpResponseMessage object for the request?
A. ErrorResult
B. Principal
C. Result
D. Identity

Answer: C

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