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| Batch | : | Esad-cs/bazl/33/A-01 | Trainee id | : |  |
| Instructor | : | Shahanaj begum | Trainee name | : |  |

Q1. Which one is not event to register callback on the client of PersistentConnection?

1. connectionSlow
2. stateChanged
3. reconnected
4. disconnected

Q2. Which code allows, SignalR web client allows us to activate the tracing of events with the JavaScript console available in major browsers?

1. var connection = $.connection("/path", true)
2. var connection = $.connection("/path", null, true)
3. var connection = $.connection("/path", {logging: true})
4. var connection = $.connection("/path");

connection.logging = true;

Q3. Which one is not SignalR configuration parameter?

1. ConnectionTimeout,
2. TransportConnectTimeout
3. DisconnectTimeout
4. KeepOpen

Q4. How can you change SignalR configuration parameter?

1. global object accessed through GlobalHost
2. Configuration object accessed through GlobalHost.Configuration
3. Object implementing IAppBuilder interface passed as argument to the Configure method of the startup class
4. All of the above

Q5. When should you use hubs instead of persistent connection?

1. When you need to send different types of messages with various structures between the client and the server.
2. When you work with string data and want to perform the parsing of data manually
3. When you want to send only a set defined life cycle events on the clients
4. All of the above

Q6. You have created SignalR Hub class ChatHub. Which method of IAppBuilder should you use it to configure it?

1. MapSignalR()
2. MapSignalR<ChatHub>()
3. MapSignalR(typeof(ChatHub))
4. MapSignalR<typeof(ChatHub)>()

Q7. MapSignalR() method maps hubs to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ by default.

1. /signalr
2. /hub
3. /signalr/hub
4. /

Q8. How can you change your hub name?

1. Using HubName attribute
2. Using Name attribute
3. Using assembly attribute
4. Using MapName attribute

Q9. If you overload the methods exposed to the client, how signalr determines which method to execute?

1. the number and type of parameters supplied
2. only the number of parameters supplied will be considered and not their type
3. only the type of parameters supplied will be considered and not their number
4. none of the above

Q10. If you want invoke a method on the caller of a server method, which one should you use?

1. Clients.Caller
2. Clients.Client
3. Clients.Current
4. Clients.this

Q11. If you want invoke a method on a specific client, which one should you use?

1. Clients.All(connectionId)
2. Clients.Client(connectionId)
3. Clients.Others(connectionId)
4. Clients.User(connectionId)

Q12. Which one SignalR uses to find name of user associated with the connection id?

1. ASP.NET’s IdenityUserProvider
2. A class that implement IUserIdProvider
3. Context provided by the runtime
4. All of the above

Q13. How can access client’s state data in Hub?

1. As property in Client
2. As property in Client.Caller
3. As property in Context
4. As property in Connection

Q14. Which is used to find connectionId of the client in a method Hub?

1. Client.ConnectionId
2. Context.ConnectionId
3. Request.ConnectionId
4. Server.ConnectionId

Q15. You have a method named send in Hub

public void send (string message(){…}

How do you call this method using automatic proxy?

1. proxy.server.send(“message”)
2. proxy.send(“message”)
3. proxy.invoke(“send”, “message”)
4. proxy.server.invoke(“send”, “message”)

Q16. You have a method named send in Hub

public void send (string message(){…}

How do you call this method on proxy that is not created without the generated proxy?

1. proxy.server.send(“message”)
2. proxy.send(“message”)
3. proxy.invoke(“send”, “message”)
4. proxy.server.invoke(“send”, “message”)

Q17. In ASP.NET MVC 4 or higher, how do reference the generated proxy in JavaScript client?

1. <script src="/signalr/js"></script>
2. <script src="@Url.Content("~/signalr/js")"></script>
3. <script src="<%: ResolveClientUrl("~/signalr/hubs")%>"></script>
4. @{

<script src="~/signalr/js"></script>

}

Q18. In ASP.NET MVC 3, how do reference the generated proxy in JavaScript client?

1. <script src="/signalr/js"></script>
2. <script src="@Url.Content("~/signalr/js")"></script>
3. <script src="<%: ResolveClientUrl("~/signalr/hubs")%>"></script>
4. @{

<script src="~/signalr/js"></script>

}

Q19. In WebForms, how do reference the generated proxy in JavaScript client?

1. <script src="/signalr/js"></script>
2. <script src="@Url.Content("~/signalr/js")"></script>
3. <script src="<%: ResolveClientUrl("~/signalr/hubs")%>"></script>
4. @{

<script src="~/signalr/js"></script>

}

Q20. Which command in Package Manager console should you use to generate Hub proxy using SignalR.exe?

1. signalr /path:[dll folder path] /o:[output-file name]
2. signalr ghp /path:[dll folder path] /o:[output-file name]
3. signalr ipc /path:[dll folder path] /o:[output-file name]
4. signalr upc /path:[dll folder path] /o:[output-file name]

Q21. How many data Access technology available in .Net framework

1. 1
2. 2
3. 3
4. 4

Q22. You are using non-web application to host SignalR. Which class should use to start the server?

1. WebApp
2. GlobalHost
3. Application
4. Any class implementing IAppBuilder

Q23. What does the SaveChanges method of the DbContext class return?

1. It is a void method, it returns nothing
2. It returns Boolean value. True indicates all the modifications that were made to the underlying database are successful, false indicates failure
3. An integer value reflecting the total number of modifications that were made to the underlying database
4. Entity collection where each Entity has original values

Q24. Which two methods of the DbContext object you can use to insert this entity into the data store?

1. Insert
2. Add
3. Attach
4. AddOrAttach

Q25. What is Object-relational impedance mismatch?

1. The mismatch found in between SQL data type and Object Oriented Language data type
2. A set problems encountered in programs written CLR compliant language like C# using data coming from unmanaged environment
3. A set of conceptual and technical difficulties that are often encountered when a relational database management system is being used by a program written in an object-oriented programming language
4. None of the above

Q26. \_\_\_\_\_\_\_\_\_\_\_\_is “a programming technique for addressing impedance mismatch between an object model and a relational database schema.”

1. ORM (Object-Relational Mapping)
2. OData
3. EntityFramework
4. LINQ

Q27. Which loading option in Entity Framework makes query returns the primary or target entity, but related data is not retrieved and related data is fetched using separate query when a NavigationProperty was accessed?

1. Deferred Execution
2. Lazy Loading
3. Eager loading
4. Explicit Loading

Q28. When lazy loading is disabled in Entity Framework conceptual model, which method enables you to execute queries individually, giving you lazy loading?

1. Fetch
2. Load
3. Execute
4. Include

Q29. You have your DbContext object context. Which one should you use to disable Lazy Loading option?

1. context.LazyLoadingEnabled = false;
2. context.Configuration.LazyLoadingEnabled = false;
3. context.Configuration.Conventions. LazyLoadingEnabled = false;
4. context.Configuration.Set LazyLoadingEnabled (false);

Q30. What is a compiled query in EntityFramework?

1. A compiled query is used to cache result for every unique set of parameters.
2. A compiled query is used to cache the query result and cache updated if the data in source store is changed.
3. A compiled query is used to cache the resulting SQL and only the parameters are changed when you run the query.
4. A compiled query converts the resulting SQL to a stored procedure

Q31. What happens if you attempt to Attach an entity to a context when it already exists in the context with an EntityState of unchanged?

1. A copy of the entity is added to the context with an EntityState of unchanged.
2. A copy of the entity is added to the context with an EntityState of Added.
3. Nothing happens and the call is ignored.
4. The original entity is updated with the values from the new entity, but a copy is not made. The entity has an EntityState of Unchanged.

Q32. How do you create a Web API controller?

1. Create a controller class in Controllers folder
2. Create a controller class inheriting from Controller class
3. Create a controller class inheriting from ApiController class
4. None of the above

Q33. Which one is generally used in LINQ to Objects or LINQ to XML?

1. IEnumeable
2. IQueryable
3. IListSource

Q34. Which interface must be implemented in order for something to be queried by LINQ?

1. IEnumerable
2. IEntityItem
3. IDbContextItem
4. IComaparable

Q35. SqlDataAdapter needs an open and available SqlConnection to iterate through data.

1. True
2. False

Q36. Which one allows forward-only, read-only data access?

1. DataSet
2. DataTable
3. DataReader
4. DataRow

Q37. Which method of DataAdapter object do you call to populate into a DataTable or DataSet object with data fetched from database?

1. Add
2. Execute
3. Load
4. Fill

Q38. What are the advantages of a compiled query?

1. None. Every time you run the query you will hit the database.
2. The results of the query are cached making the querying a lot faster.
3. The translation of your query into SQL is cached.
4. None. You can’t change any of the parameters you use in a query, rendering the compiled query useless.

Q39. You need to execute the following SELECT query using the COUNT aggregate to determine the total record count in a table:

SELECT COUNT(\*) FROM ExamQuestions;

Which one of the following cannot accomplish that?

1. SqlDataAdapter in conjunction with a SqlDataReader
2. SqlDataAdapter in conjunction with a DataTable
3. SqlDataAdapter in conjunction with a DataSet
4. The SqlDataReader and its ExecuteScalar method

Q40. Which file of Entity Data Model holds the information of the mappings between the entities and the underlying data store?

1. CSDL
2. SSDL
3. MSL
4. EDMX

Q41. Which of the following is not a valid contract in WCF?

1. ServiceContract
2. OperationContract
3. DataContract
4. ErrorContract

Q42. Which contract do you use to indicate the runtime that the contained type will be serializable?

1. ServiceContract
2. OperationContract
3. DataContract
4. ErrorContract

Q43. Which actions you must you do to create a service?

1. Create .svc file and map service class and set activation
2. Decorate your class or interface definition with the ServiceContract attribute
3. Decorate method that you want to expose as service with OperationContract attribute
4. Create Executable to host the service

Q44. What does an end point contain?

1. Address
2. Binding
3. Contract
4. Hosting configuration

Q45. Which attribute enables services to communicate failures to the client in a safe, intentional, and mutually acceptable fashion?

1. ErrorContract
2. ExceptionContract
3. FaultContract
4. FailureContract

Q46. Which one do you use to send errors in executing service operation?

1. Exception
2. ServiceExcetion
3. FaultException
4. Detect the type of exception and throw it

Q47. Which predefined contract do you use with meta data endpoint?

1. IMexExchange
2. IMetadataExchange
3. IMexMetadataExchange
4. IMex

Q48. Which of the following is or are valid metadata endpoint for the following binding for the following binding?

<endpoint address=”svc” binding="basicHttpBinding" bindingConfiguration="" name="WsHttp"

contract="Service.ITestService" />

1. <endpoint binding="mexHttpBinding" bindingConfiguration="" name="Mex" contract="IMetadataExchange" />
2. <endpoint binding="mexTcpBinding" bindingConfiguration="" name="Mex" contract="IMetadataExchange" />
3. <endpoint binding="mexMsmqBinding" bindingConfiguration="" name="Mex" contract="IMetadataExchange" />
4. <endpoint binding=" mexNamedPipeBinding" bindingConfiguration="" name="Mex" contract="IMetadataExchange" />

Q49. Which HTTP method is generally used to update an entity through an REST service?

1. GET
2. POST
3. PUT
4. SEND

Q50. Which HTTP method is generally used to partially update an entity through an REST service?

1. GET
2. POST
3. PUT
4. PATCH