

THE EXPERT'S VOICE IN ASP.NET-Part1

ASP.NET – INTERVIEW QUESTIONS

Gives you the interview tips in ASP.NET

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ABOUT THE AUTHOR

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1) What is ASP.NET?

ASP.NET is a programming framework used to create enterprise-class Web Applications. These applications are accessible on a global basis leading to efficient information management. ASP.NET provides increased performance by running compiled code. It works on .NET framework.

2) What is the difference between Classic ASP and ASP.Net?

ASP is the interpreter support whereas ASP.NET is compiler support. ASP.NET has the easier configuration and deployment rather than asp. There is no code separation and design in the ASP whereas separation of code and design is flexible in ASP.NET. ASP is very difficult to debug the application and debugging is more comfortable in ASP.NET. The ASP.NET application can be traced.

3) What is Namespace?

Namespace is a Collection of names in which each name is unique. They form the logical boundary for a group of classes. Namespace is used in order to avoid conflict of user-defined classes.

4) What is assembly?

Assembly is an Output Unit. An assembly is the primary building block of a .NET Framework application. Assemblies are described by themselves. It is a unit of Deployment & a unit of versioning. Assemblies contain MSIL code.

6) What is the difference between ASP Session and ASP.NET Session?

In Asp, the session is Process dependent, whereas Asp.Net the session is Process independent. In Asp, the session is Cookie dependent, whereas in Asp.Net the session is Cookie independent.

7) What is reflection?

Reflection is used to dynamically create an instance of a type, bind the type to an existing object, or get the type from an existing object and invoke its methods or access its fields and properties. It provides objects that encapsulate assemblies, modules and types. Reflection using the static method GetType () is inherited by all types from the Object base class to obtain the type of a variable.

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5) What is ASP Session State?

ASP session state serializes all requests from a client and does not survive process shutdown. It can not be maintained across machines in a web farm and it relies on cookies.

8) What is the difference between Server.Transfer and response.Redirect?

Response.Redirect sends message to the browser saying it to move to some different page whereas server.transfer does not send any message to the browser but rather redirects the user directly from the server itself. So in server.transfer there is no round trip whereas in response.redirect has a round trip and hence puts a load on server. Server.Transfer cannot be used for redirecting to a different from the server itself whereas in cross server redirect is possible only using Response.redirect.

9) What is aPostBack?

PostBack is the process of submitting an ASP.NET page to the server for processing. PostBack is done if certain credentials of the page are to be checked against some sources such as verification of username and password using database. This is something that a client machine is not able to accomplish and thus these details have to be 'posted back' to the server.

10) What are the differences between Server-side and Client-side code?

server side code get executed on the web server in the response of request for any aspx page whereas client-side code get executed on the client browser, Performance in server-side is lower than client side code due to server round trips.

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11) What are the types of web page?

There are two types of web pages.They are

- 1)Static Web page
- 2)Dyanmic Web page

12) What is static Web page?

The static Web page consists only of Hyper Text Markup Language(HTML) and it does not respond dynamically to the actions performed by a user.

13) What is Dynamic Web page?

A dynamic Web page is a Web page that dynamically responds to the action performed by a user.

14) What are the types of Authentication?

The types of authentication are:

- 1.Windows authentication
- 2.Forms authentication
- 3.Passport authentication

15) What is windows authentication?

If the application is targeted for use inside an organization, and users accessing the application have existing user accounts within the local user database of the Web server or Active Directory, then the users should be authenticated with Windows authentication.

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