THE EXPERT'S VOICE IN

ASP.NET – INTERVIEW QUESTIONS

A free ASP.NET interview questions by,

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ACKNOWLEDGEMENT

DISCLAIMER

1) Can you explain the importance of Finalize method in .NET?

Clean up activities are done by the Garbage collector in .NET. But unmanaged resources such as File, COM object etc. are beyond the scope of Garbage collector. So for these type of objects, Finalize method is used where clean up code for unmanaged resources can be put inside this method.

2) Explain the similarities between Datagrid, Datalist and repeater?

Datagrid, Datalist and repeater are all ASP.NET data Web controls.They have common properties like DataSource Property, DataBind Method, ItemDataBound and ItemCreated. When the DataSet is assigned with the DataSource Property of a Datagrid then each DataRow present in the DataRow Collection of DataTable is assigned to a corresponding DataGridItem.

3) What is datagrid and datalist?

The DataGrid is a Web server control that is a powerful tool which can be used for displaying information from a data source. It is very easy to use The DataList control is similar to the Repeater control which is used to display a repeated list of items that are bound to the control.It is based on the Template Selected and the RepeatColumn Property value .

4) Explain the concept of Automatic Memory Management in ASP.NET.
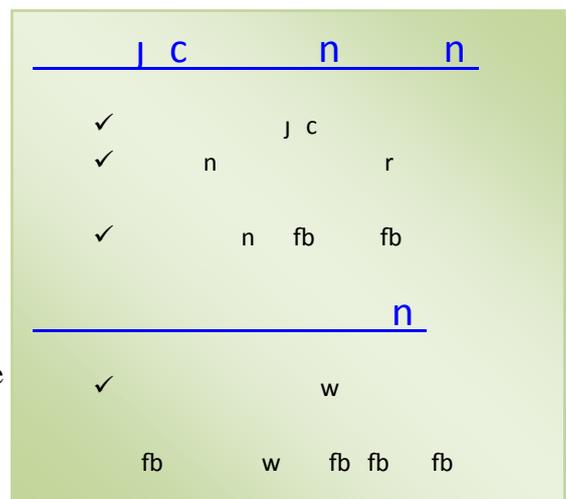
Garbage collection is the concept in .NET framework that is used for managing the memory automatically. It keeps track of the allocated memory references and the memory is released automatically when it is not in reference.

5) What is Finalizer in .NET?

The Finalizer in .NET is the method which helps in cleaning up of the code that is executed just before the object is collected by the garbage collector. The two methods of finalizer are Dispose and Finalize. The Dispose method is used to cleanup the managed as well as unmanaged resources are and the Finalize method, is used to cleanup only the unmanged resources.

6)What is the use of AutoWireup in asp.net?

In asp.net the use of AutoEventWireup attribute is to set whether the events needs to be automatically generated or not .If the attribute AutoEventWireup is set to false (by default), then the event handlers are automatically required for Page_Load or Page_Init. When AutoEventWireup attribute value is set to true then the ASP.NET runtime does not require events to specify event handlers like Page_Load or Page_Init.

7) What is EnableViewStateMAC?

A EnableViewStateMAC is encoded version of the hidden variable that a page's viewstate is persisted to when sent to the browser. When EnableViewStateMAC is true for a page, the encoded and encrypted viewstate is checked to verify that it has not been tempered with on the client machine.

8) What is meant by urlencode and urldecode?

The URL encoded version of the given string is returned by urlencode(). In URL coding the special characters is converted into % signs followed by two hex digits. urldecode() returns the URL decoded version of the given string.

9) What is cross page posting in ASP.NET2.0 ?

To post data from one page to another in application server.transfer method is used but the URL remains the same .Whereas in cross page posting there a normal post back is done but in target page we can access values of server control in the source page.This is very simple only the PostBackUrl property of Button,LinkButton or imagebutton which specifies the target page should be set.In target page PreviousPage property can be accessed and for that @PreviousPageType directive should be used.when the PostBackURL property is set the HTML and Javascript function is binded automatically by ASP.NET framework.

10) What is View State Chunking?

The values between multiple requests for the same page is retained by ViewState property. On processing an ASP.NET page, the controls and current state of the page is hashed into a string and then it is saved in the page as a hidden field. If the data is very large to fit into the single field,then ASP.NET performs view state chunking which splits it across multiple hidden fields.

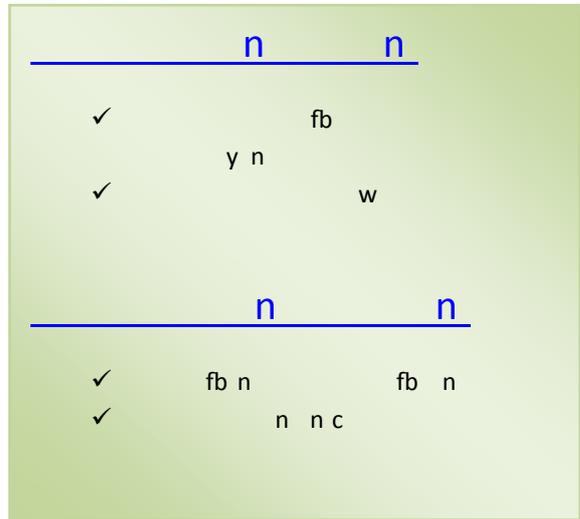*Best In-Plant training/Internship Providers in chennai*

11) What is a web garden?

An application pool with a single worker process (w3wp.exe) is run by default. Multiple worker process can also be allocated in a single application pool. And this application which can have multiple W3WP process, is known as web Garden.

12) What are the main components of IIS 7.0?

The following are the main Components of IIS 7.0
1)HTTP.Sys,
2)Svchost.Exe,
3)Application Pool ,
4)Worker Process,
5)Configuration Store.

13) What is difference between ResolveUrl and ResolveClientUrl ?

The ResolveUrl returns URL relative to the site root while the ResolveClientUrl returns URL relative to the folder that contains the source file.

14) Explain AdRotator control.

AdRotator control presents ad images clicking can be navigated to another web location by the user. An ad image can be selected randomly or in specified order with the loading of each page from predefined well formatted XML document. Well formatted XML document contains required information for the image to be displayed.

15) What is Cookie Munging?

Asp.net by default uses cookies for storing session id for the logged in user. But every browser has an option to disable cookies. If cookies are disabled, then any of the website will not be able to create cookies on user's machine. When cookies are disabled, then session Id is gets appended in the URL and then passed to the server where it is decoded and the server fullfils the requested page.