

ASP.NET – INTERVIEW QUESTIONS

A free ASP.NET interview questions by,

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1) What does the manifest contains?

The manifest contains the following elements

1. Strong Name
2. File Contents
3. Type List
4. Resource List
5. Dependencies
6. Security.

2) What is an assembly manifest in ASP.Net?

An assembly manifest is an assembly metadata which describes everything there is to know about the assembly and its contents. It can be stored either in PE file(.exe or .dll) with MSIL code or as standalone PE file that contains only assembly manifest information.

3) What is an ASP.Net File?

An ASP.Net file is similar to an HTML file.It can contain HTML, XML, and scripts Scripts in an ASP.Net file are executed on the server. It has the file extension ".aspx".

4) How does ASP.Net page works?

The server returns the file, when a browser requests an HTML file .If the a browser requests an ASP.Net file, IIS passes the request to the ASP.Net engine on the server .The ASP.Net engine reads the file, line by line, and executes the scripts in the file .Finally, the ASP.Net file is returned to the browser as plain HTML.

5) What is difference between ExecuteReader, ExecuteNonQuery and ExecuteScalar?

The ExecuteReader is used for accessing data while the ExecuteNonQuery is used for data manipulation, such as Insert, Update, Delete and the ExecuteScalar is used for retriving 1 row 1 col. value., i.e. Single value.

6) What is New in ASP.Net 2.0?

The new features in ASP.Net 2.0 are:

1. Master Pages, Themes, and Web Parts
2. Standard controls for navigation
3. Standard controls for security
4. Roles, personalization, internationalization services
5. Improved and simplified data access controls
6. XML standards like, XHTML, XML,WSDL
7. Improved compilation and deployment
- 8.Site management is improved.
9. New and improved development tools

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7) What does an assembly contain?

An assembly contains the following elements:

1. Assembly Manifest
2. Source Code
3. Type Metadata
4. Resources.

8) What is Strongly Typed Dataset Object?

The Strongly typed Dataset object allows to create early-bound data retrieval expression. This type of the data is known at compile time.

9) What are the advantages of Strongly typed dataset?

The advantage of Strongly Typed dataset

- 1)The Strongly typed dataset is faster than late-bound data retrieval expression.
- 2)The column name of strongly typed dataset is shown in intellisense as you type code.

10) What is "Wizard" control in ASP.Net?

The “Wizard” control in ASP.NET is an advanced control used to simplify the common task of getting several pages of user input in one go. Multiple steps can be added to a wizard which can be presented to a use sequentially or non-sequentially, and rely on this control to maintain state and so on.

11) What is the "MultiView" Control in ASP.Net?

The “MultiView” control in ASP.NET contains one or more View controls, in which only one View is rendered at a time. The currently displayed view is specified using ActiveViewIndex, and the view changes can be detected.

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12) What is "View" Control in ASP.Net?

The "View" Control in ASP.Net is a container control that is much similar to PlaceHolder, But it is designed for use as a child of MultiView. YOU can tell if given View is being displayed using Visible, or use the Activate and Deactivate events to detect changes in activation state.

13) What are the types of activation modes for server activated objects?

The types of activation modes for server activated objects are

- 1. Singleton Activation Mode
- 2. SingleCall Activation Mode

14) Why is serialization used?

The serialization is mainly used to transfer the data in a linear form over a network.

15) What is an acronym of STRIDE?

The acronym of STRIDE is

- 1) Spoofing
- 2) Tampering
- 3) Repudiation
- 4) Information Disclosure
- 5) Denial of service(DOS)
- 6) Elevation of privilege.

