

VB.NET Framework Interview Questions And Answers Guide.



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VB.NET Framework Job Interview Preparation Guide.

Question # 1

Explain the role of assembly in the .Net Framework?

Answer:-

.Net Framework keeps executable code or DLL in the form of assembly. .Net Framework maintains multiple versions of the application in the system through assembly. The assemblies have MSIL code and manifest that contains metadata. The metadata contains version information of the assembly.

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Question # 2

Describe the .Net Framework Architecture?

Answer:-

The .Net Framework has two main components:

.Net Framework Class Library: It provides common types such as data types and object types that can be shared by all .Net compliant language.

The Common language Runtime: It provides services like code execution, type safety, security, thread management, interoperability services.

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Question # 3

What Is ASP.NET 2.0 AJAX?

Answer:-

On June 28, 2005, Microsoft announced "ASP.NET 2.0 AJAX". ASP.NET 2.0 AJAX is an AJAX-oriented .NET library that runs on .NET 2.0. Though ASP.NET 2.0 AJAX is an AJAX library and can be used to perform AJAX operations, it is really much more. ASP.NET 2.0 AJAX offers many of the same types of features of the server-side ASP.NET, but it is directed at the client side. Because ASP.NET 2.0 AJAX is fully integrated with ASP.NET, it provides rich integration with the services provided by ASP.NET.

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Question # 4

Explain the .Net Framework?

Answer:-

The .Net framework allows infrastructural services to all the applications developed in .net compliant language. It is an engine that provides runtime services using its component like Common Runtime Language. It consists of two main components such as Common Language Runtime and Framework Class Library.

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Question # 5

Explain the advantage of packaging over xcopy in .NET?

Answer:-

The most trivial technique to publish a website is to simply copy your web application files to the production server and create a virtual directory there through xcopy command. With packaging it creates a self executable MSI which is very easy and convenient to deploy and install. This allows the end users to install a web application with ease. You could also include custom license needs, agreements, registry entries and other custom tasks such as installation folder etc for ease of the end users. The MSI can also be rolled out to many computers at once by the administrator which is a very big advantage.

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Question # 6

What are the components of the .Net Framework?

Answer:-

Class Loader, Compiler, Garbage Collection, Type checker, Debug engine, Exception Manager, Security engine, Thread manager, COM Marshallar, Class Library.

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Question # 7

Describe the GAC in the .Net Framework?

Answer:-

.Net Framework provides Global Assembly cache, a machine-wide cache. It stores shared assemblies that can be accessed by multiple languages.

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