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MAIN ADVANTAGES OF ASP.NET FRAMEWORK

Nowadays, the current tendency to produce new and more sophisticated things for the customers and tough competition make companies focus their attention on cutting-edge technologies to develop custom applications. To do this, the first thing you need to understand is the nature of your business in order to deploy the application which is suitable for your business. And the second main thing is the selection of the best technology platform for the development process.

With the continuous change and demand in the technology market, Microsoft developed Asp.Net Framework to design feature rich websites and web applications. Active server pages or Asp, is the perfect platform for creating high-end applications. Dot Net is the best server side scripting technology where Windows web server is used to host Asp.Net websites and web applications.

Introduction of Asp by Microsoft Corporation is one of the biggest achievements to meet the market demand for dynamic web pages which can be viewed on different web browsers. With dot net you can create reliable and reusable applications. The Asp.Net framework is a highly popular one and relatively easy for the net developers to create compelling Asp.net applications using Visual Studio. This is not only limited to Asp and the developers can make use of other programming languages like C#, VB etc.

Let's take a look at some key advantages of using Asp.Net Framework

- Keep your Asp.net applications secured with the built-in Windows authentication and per-application configuration.
- Asp.Net has reduced the long lines of code required to develop large applications.
- Asp.Net and Html together generate dynamic web pages smoothly.
- Being an ideal server-side scripting technology, Asp.Net code first runs on Windows server before displaying on the web browser.
- Asp.Net framework is language independent, meaning you can choose any programming language which best suits your application.

- With the built-in configuration information, Asp.Net is easy to deploy.
- The windows web server thoroughly monitors the web pages, multiple components, and applications running on it.
- The Dot Net Framework quickly gives an alert about memory leaks, unbounded loops, and other wrong behaviors, immediately eliminating them and restarting again.
- Asp.Net features like early binding, JIT compilation, caching services and native optimization supports give your application the high level of performance.
- All the Asp.Net applications are highly monitored and managed to help application be available to handle requests.
- The best part of Dot Net Framework is that it has its own built-in caching features.
- The content and the program logic are separated in the .Net Framework, thus reducing the program inconveniences.

Microsoft Asp.Net Framework is a widely used development framework for building enterprise level web applications that developers prefer to use today. The Dot Net technology offers immeasurable benefits for various issues like memory management, security, and exceptional handling, a developer may face with. The above-mentioned advantages made Asp.Net Framework an ideal choice for Net Application Development.

References:

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