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BinaryReader & BinaryWriter Used to Read as well as Write Information inside .NET Framework by [Jared Oates](#)

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The .Net development has been executed by ASP.NET developer using .NET framework. This framework is a core Windows component which helps create and also run desktop apps as well as Internet services. Treatments for memory space, code execution and other program solutions fit in to CLR while .NET framework is made of collection of multiple-use styles which are utilized to develop applications. Some other technology that belongs to the .NET framework involve ADO.NET, ASP.NET, Windows Presentation Foundation (WPF), Windows Communication Foundation (WCF), and Windows Workflow Foundation (WF).

The class libraries present in .NET framework help in execution of standard functions which include file reading and also writing, graphic rendering, database interaction, and XML document manipulation, among others. As all the CLI compliant languages are able to use the .NET class libraries, they've been put into two parts: the Base Class Library and Framework Class Library.

Rather than utilizing character strings, .NET developers employ BinaryWriter as well as BinaryReader with regard to writing and reading through the files. Once the developers have come up with the data file in the current directory, the related BinaryWriter and BinaryReader are created, and the BinaryWriter is utilised to write the integers 0 through 10 to Test.data, which leaves the file pointer at the end of the file. After setting the file pointer back to the source, the BinaryReader reads from described content.

Moreover, concerning graphic rendering, developers incorporate the use of graphics class that provides various ways for drawing at the display device. Classes like Rectangle as well as Point contain GDI+primitives. The Pen class may be used to draw lines or curves, while classes taken from the abstract class Brush are utilized to load the interiors of shapes.

So that you can carry out XML data adjustment, there are many techniques which .net developers can use. Non-XML data could be tunneled through XML between servers while using class for example XmlConvert. While names contain invalid XML characters, the methods EncodeName and DecodeName can help them accommodate with an XML name schema.

C# is employed through C#net developers to make many guarded and robust apps that can be appropriate for the .NET framework. C# developers can use C# to create standard Windows consumer applications, XML Web services, distributed components, client-server applications, database applications, etc. Visual Studio 2010 offers the developers having an advanced code editor, convenient end user interface designers, integrated debugger, and plenty of additional tools. By using power tools, it is easier for that designers to develop applications dependant on version four.0 associated with the C# language as well as version 4.0 connected with the .NET Framework.

If the C# developer needs to utilize other Windows software like the COM objects or native Win32 DLLs, she can utilize a process called Interop. This method allows C# programs to operate as easily as a native C++ application could. C# in fact supports pointers and the concept of "unsafe" code for all cases where by direct memory access is very critical. At the same time, it is simpler and easier for C# programmers to work with build process in C#. Additionally it is way more adaptive as compared to Java. There isn't independent header files, and no necessity that methods and types be declared in a particular order. A C# source file could define any number of classes, interfaces, along with events.

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[Jared Oates](#) - About Author:

John McNeill is a a [C# .net developer in UK](#) within a development firm. He's a connection with virtually eight years inside development. He likes to create articles about .net development within different specialized magazines

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