

codeformatter.cm

```
/*  
  
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    )  
  
*/  
  
// Copyright (c) 1994  
// Hewlett–Packard Company  
// Copyright (c) 1996  
// Silicon Graphics Computer Systems, Inc.  
// Copyright (c) 2009 Alexander Stepanov and Paul McJones  
  
using System;  
using System.IO;  
  
namespace System.Text  
{  
    public class CodeFormatter  
    {  
        public CodeFormatter(OutputStream& stream_): stream(stream_),  
            indent(0), indentSize(4), atBeginningOfLine(true), line(1)  
        {  
        }  
        suppress CodeFormatter(const CodeFormatter&);  
        suppress void operator=(const CodeFormatter&);  
        suppress CodeFormatter(CodeFormatter&&);  
        suppress void operator=(CodeFormatter&&);  
        public void Write(const string& text)  
        {  
            if (atBeginningOfLine)  
            {  
                if (indent != 0)  
                {  
                    stream << string(' ', CurrentIndent());  
                    atBeginningOfLine = false;  
                }  
            }  
            stream << text;  
        }  
        public void WriteLine(const string& text)  
        {  
            Write(text);  
            WriteLine();  
        }  
    }  
}
```

```

public void WriteLine()
{
    stream << endl();
    atBeginningOfLine = true;
}
public inline nothrow void IncIndent()
{
    ++indent;
}
public inline nothrow void DecIndent()
{
    --indent;
}
public inline nothrow int Indent() const
{
    return indent;
}
public inline nothrow int IndentSize() const
{
    return indentSize;
}
public inline nothrow void SetIndentSize(int indentSize_)
{
    indentSize = indentSize_;
}
public inline nothrow int CurrentIndent() const
{
    return indent * indentSize;
}
public inline nothrow int Line() const
{
    return line;
}
public nothrow void SetLine(int line_)
{
    line = line_;
}
private OutputStream& stream;
private int indent;
private int indentSize;
private bool atBeginningOfLine;
private int line;
}
}

```