

```
1  #pragma once
2
3  #include "CAppObject.h"
4
5  class CTextLineObject
6      : public CAppObject
7  {
8  public:
9      // Public constructors
10     CTextLineObject(CRect bounds, CString ID, std::vector<int> lineNums, CString text = L"", BOOL active = FALSE);
11     ~CTextLineObject();
12
13     //DECLARE_SERIAL(CTextLineObject)
14
15     // Public commands
16     int draw(CDC* pDc, CSize textExtent, std::vector<std::vector<int>> brackets, int returnNewLines, BOOL printing, int printAreaLength = -1);
17
18     // Public getters & setters
19     CString getText();
20     int getLength();
21     void setText(CString text);
22     void concatenateString(CString text, int position);
23     void backspace(int position);
24
25     BOOL isHighlighting();
26     void setHighlighting(BOOL val);
27     void setHighlighter(int pos1, int pos2);
28     void highlightLine();
29     BOOL isLineHighlighted();
30     int getHStart();
31     int getHEnd();
32     CString getHighlightedText();
33
34     int getNumSubLines();
35     std::vector<int> iGetLineNums();
36     CString sGetLineNums();
37     void addSublines(std::vector<int> subs);
38     void incrementLine(int subline, int val);
39
40     virtual void setBounds(CRect bounds);
41     virtual void move(int x, int y);
42
43 private:
44
45     // Private Functions
46     BOOL onlyNums(CString str);
47     BOOL brkPosContains(std::vector<std::vector<int>> vector, int value, int side = 1);
48
49     // Private resources
50     CString text;
51
52     Gdiplus::Rect highlighter;
```

```
53     BOOL highlight;
54     int hStart;
55     int hEnd;
56     BOOL lineHighlight;
57
58     int numSubLines;
59     std::vector<int> lineNums;
60
61     BOOL smartColour;
62 };
63
64
```