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1
2 #pragma once
3 #include "CDocView.h"
4 #include "CTextDocument.h"
5
6 #define PRINT_SIZE          5
7
8 #define INITIALISE          1000 // USED FOR DRAWING ENTIRE VIEW
9 #define TEXT                1001 // USED FOR TEXT EDITS - NEW TEXT, ↵
10    BACKSPACE ON TEXT
11 #define RETURN_BACK         1002 // USED FOR ADDING OR REMOVING ↵
12    LINES WITH BACKSPACE OR RETURN
13 #define EDITOR_EDIT         1003 // USED FOR ADDING OR REMOVING ↵
14    EDITORS
15 #define HIGHLIGHTING        1004 // USED FOR WHEN HIGHLIGHTING TEXT
16 #define SELECT_LINE         1007 // USED WHEN A DIFFERENT LINE IS ↵
17    SELECTED
18 #define REMOVE_HIGHLIGHT    1008 // USED WHEN A HIGHLIGHT IS BEING ↵
19    DELETED
20 #define CARET_MOVE          1009 // USED WHEN THE CARET IS MOVED ↵
21    WITH THE ARROW KEYS
22 #define ADD_RGN_SIDEBAR_BTN 1010 // USED TO ADD THE AREA OF THE ↵
23    SIDEBAR BUTTON TO THE REGION
24 #define ADD_RGN_ACTIVE_LINE 1011
25 #define H_SCROLL            1012
26 #define PASTE               1013
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22 class CTextDocView :
23     public CScrollView, public CDocView
24 {
25 protected:
26     // Public constructors
27     CTextDocView() noexcept;
28     virtual ~CTextDocView();
29
30     DECLARE_DYNCREATE(CTextDocView)
31
32     // Public attributes
33     CTextDocument* GetDocument() const;
34     CSize GetDocSize();
35     int getActiveEditor();
36
37     // Public implementations
38 #ifndef _DEBUG
39     virtual void AssertValid() const;
40     virtual void Dump(CDumpContext& dc) const;
41 #endif
42     void refresh(BOOL caret = TRUE, BOOL window = TRUE);
43
44 protected:
45
46     // Protected implementations
47     virtual void updateWindow(BOOL caret = TRUE, BOOL window = ↵
48         TRUE);
49     void ResyncScrollSizes(BOOL docSize = TRUE, BOOL reposition = ↵

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        FALSE);
49
50    // Protected overrides
51    virtual void OnDraw(CDC* pDc);
52    afx_msg BOOL OnEraseBkgnd(CDC* pDC);
53
54    virtual BOOL PreCreateWindow(CREATESTRUCT& cs);
55    virtual BOOL OnSetCursor(CWnd* pWnd, UINT nHitTest, UINT    ↗
        message);
56    virtual void OnActivateView(BOOL bActivate, CView*    ↗
        pActivateView, CView* pDeactivateView);
57
58    virtual BOOL OnPreparePrinting(CPrintInfo* pInfo);
59    virtual void OnBeginPrinting(CDC* pDc, CPrintInfo* pInfo);
60    virtual void OnEndPrinting(CDC* pDc, CPrintInfo* pInfo);
61    virtual void OnPrepareDC(CDC* pDC, CPrintInfo* pInfo =    ↗
        (CPrintInfo*)0);
62    virtual void OnPrint(CDC* pDC, CPrintInfo* pInfo);
63
64    // Protected message handlers
65    afx_msg int OnCreate(LPCREATESTRUCT lpcs);
66    virtual void OnInitialUpdate();
67    afx_msg void OnSize(UINT nType, int cx, int cy);
68
69    afx_msg void OnFilePrintPreview();
70
71    afx_msg void OnHScroll(UINT nSBCode, UINT nPos, CScrollBar*    ↗
        pScrollBar);
72    afx_msg void OnLButtonUp(UINT nFlags, CPoint point);
73    afx_msg void OnLButtonDown(UINT nFlags, CPoint point);
74    afx_msg void OnLButtonDblClk(UINT nFlags, CPoint point);
75    afx_msg void OnMouseMove(UINT nFlags, CPoint point);
76    afx_msg BOOL OnMouseWheel(UINT nFlags, short zDelta, CPoint pt);
77    afx_msg void OnRButtonUp(UINT nFlags, CPoint point);
78    afx_msg void OnRButtonDown(UINT nFlags, CPoint point);
79    afx_msg void OnKeyDown(UINT nChar, UINT nRepCnt, UINT nFlags);
80    afx_msg void OnKeyUp(UINT nChar, UINT nRepCnt, UINT nFlags);
81
82    virtual void OnContextMenu(CWnd* pWnd, CPoint point);
83
84    void OnCopy();
85    void OnPaste();
86    void OnCut();
87
88    DECLARE_MESSAGE_MAP()
89
90 private:
91
92    // Private Methods
93    void expandLineBounds();
94    void selectClippingRgn(int nAction, int type = -1);
95
96    void drawHeader(CDC* pDc);
97
98    // Private Resources
99    int activeEditor;
```

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100
101     int recentEditor; // Used to store the last editor that was used
102         to change lines
103     int recentLine; // Used to store the last line that was used, to
104         be used in combination with 'recentEditor'
105     int recentBlockLine;
106     BOOL recentHlght;
107     int recentPrintZoom;
108
109     CRgn* rgn;
110     CPrintInfo* pInfo;
111     BOOL printing;
112     int printIterator;
113     int returnNewLines;
114 };
115
116 #ifndef _DEBUG // debug version in DesignArkView.cpp
117 inline CTextDocument* CTextDocView::GetDocument() const
118 {
119     return reinterpret_cast<CTextDocument*>(m_pDocument);
120 }
121 #endif
```