



Text

Binary

```
01001000
01100101
01101100
01101100
01101111
```

Strings

```
'Hello'
```

Edit Record

0	destRect	Rect;	destination rectangle
8	viewRect	Rect;	view rectangle
10	selRect	Rect;	the selection rectangle
18	lineHeight	Integer;	used for vertical spacing of lines
1A	fontAscent	Integer;	used for caret/highlighting position
1C	selPoint	Point;	point selected with the mouse
20	selStart	Integer;	start of selection range
22	selEnd	Integer;	end of selection range
24	active	Integer;	set when record is activated or deactivated
26	wordBreak	ProcPtr;	word break hook
2A	clikLoop	ProcPtr;	click loop hook
2E	clickTime	LongInt;	used internally
32	clickLoc	Integer;	used internally
34	caretTime	LongInt;	used internally
38	caretState	Integer;	used internally
3A	just	Integer;	alignment of text
3C	teLength	Integer;	length of text
3E	hText	Handle;	handle to text to be edited
42	hDispatchRec	Handle;	handle to TextEdit dispatch record
46	clikStuff	Integer;	used internally
46	crOnly	Integer;	used internally
4A	txFont	Integer;	text font
4C	txFace	Style;	character style
4E	txMode	Integer;	pen mode
50	txSize	Integer;	tells if multistyled edit record; if not, font size
52	inPort	GrafPtr;	a pointer to the graphics port for this TEREc
56	highHook	ProcPtr;	used for text highlighting
5A	caretHook	ProcPtr;	used for caret appearance
5E	nLines	Integer;	number of lines
60	array of Integer	ARRAY[0..16000] OF Integer;	positions of line starts
(0...nLines)			

**TERec**  
carries text storage, display, and editing information

Dispatch Record

0	end-of-line hook
4	draw hook
8	width hook
C	hit test hook
	Reserved
	Reserved
18	new width hook
1C	text width hook
	Reserved

**TEDispatchRec**  
contains the addresses of routines that TextEdit uses internally

Procedure

```
TECut cut the text to TEScrap
TECopy copy the text to TEScrap
TEPaste insert the text from TEScrap
TEInsert insert the text
TEDelete delete the text
```

Result

