

TextEdit

Contents

About TextEdit	2-6
TextEdit and Standard Macintosh Features	2-6
Multistyled and Monostyled Text	2-7
Font and Keyboard Script Synchronization	2-8
Cutting, Copying, and Pasting Text	2-9
The TextEdit User Interface	2-10
The Selection Range, the Insertion Point, and Highlighting in TextEdit	2-10
Caret Position and Movement	2-11
Text Alignment	2-13
Line Measurement	2-14
Text Buffering	2-14
The TextEdit Private, Null, and Style Scraps	2-15
An Overview of the TextEdit Data Structures	2-16
An Overview of the Edit Record	2-16
Related Data Structures	2-17
Using TextEdit	2-22
Getting Started With TextEdit	2-23
Preparing to Use TextEdit	2-23
Displaying Static Text	2-25
Creating an Edit Record	2-25
Specifying the Destination and View Rectangles	2-29
Setting the Text of an Edit Record	2-30
Setting the Selection Range or the Insertion Point	2-31
Scrolling Text	2-32
Disposing of an Edit Record	2-33
Responding to Events Using TextEdit	2-33
Handling a Null Event	2-33
Activating an Edit Record	2-34
Handling Mouse-Down Events	2-35

Responding to an Update Event	2-37
Accepting Text Input Through Key-Down Events	2-37
Moving Text In and Out of Edit Records	2-39
Using TextEdit to Cut, Copy, and Paste Text	2-40
Inserting and Deleting Text	2-44
Text Attributes	2-44
Checking the Text Attributes Across a Selection Range	2-45
Toggling an Attribute	2-47
Handling a Font Menu	2-48
Handling a Font Size Menu	2-49
Handling a Style Menu	2-49
Changing the Text Alignment	2-51
Saving and Restoring a TextEdit Document, and Implementing Undo	2-52
Saving a TextEdit Document	2-52
Restoring an Existing TextEdit Document	2-54
Handling Undo	2-56
Customizing TextEdit	2-57
Replacing the End-of-Line Routine	2-58
Replacing the Drawing Routine	2-59
Replacing the Width-Measuring Routines	2-59
Replacing the Hit Test Routine	2-61
Customizing Word Selection	2-61
Customizing Automatic Scrolling	2-62
Determining the Line Length	2-63
Advanced Customization	2-64
TextEdit Reference	2-65
Data Structures	2-65
The Edit Record	2-69
The High Hook and Caret Hook Fields	2-72
The Style Record	2-73
The Style Table	2-74
The Line Height Table	2-75
The Null Style Record	2-76
The Style Scrap Record	2-76
The Scrap Style Table	2-77
Text Style Record	2-78
Routines	2-78
Initializing TextEdit, Creating an Edit Record, and Disposing of an Edit Record	2-79
Activating and Deactivating an Edit Record	2-82
Setting and Getting an Edit Record's Text and Character Attribute Information	2-83
Setting the Caret and Selection Range	2-86
Displaying and Scrolling Text	2-88
Modifying the Text of an Edit Record	2-95
Managing the TextEdit Private Scrap	2-100

Checking, Setting, and Replacing Styles	2-101
Using Byte Offsets and Corresponding Points	2-107
Additional TextEdit Features	2-109
Customizing TextEdit	2-112
Summary of TextEdit	2-120
Pascal Summary	2-120
Constants	2-120
Data Types	2-122
Routines	2-125
C Summary	2-127
Constants	2-127
Types	2-129
Routines	2-132
Assembly-Language Summary	2-134
Trap Macros	2-134
Global Variables	2-135

