

Dialog Manager

Contents

Introduction to Alerts and Dialog Boxes	6-6
Types of Alerts	6-8
Types of Dialog Boxes	6-9
Modal Dialog Boxes	6-10
Movable Modal Dialog Boxes	6-11
Modeless Dialog Boxes	6-12
Items in Alert and Dialog Boxes	6-13
Events in Alert and Dialog Boxes	6-14
Alert Boxes, Dialog Boxes, and the Window Manager	6-15
About the Dialog Manager	6-16
Using the Dialog Manager	6-17
Creating Alert Sounds and Alert Boxes	6-18
Creating Dialog Boxes	6-23
Providing Items for Alert and Dialog Boxes	6-26
Item Types	6-30
Display Rectangles	6-32
Enabled and Disabled Items	6-36
Resource IDs for Items	6-36
Titles for Buttons, Checkboxes, and Radio Buttons	6-37
Text Strings for Static Text and Editable Text Items	6-40
Pop-Up Menus as Items	6-42
Keyboard Navigation Among Items	6-44
Manipulating Items	6-44
Changing Static Text	6-46
Getting Text From Editable Text Items	6-48
Adding Items to an Existing Dialog Box	6-51
Using an Application-Defined Item to Draw the Bold Outline for a Default Button	6-56

Displaying Alert and Dialog Boxes	6-61
Positioning Alert and Dialog Boxes	6-62
Deactivating Windows Behind Alert and Modal Dialog Boxes	6-64
Displaying Modeless Dialog Boxes	6-66
Adjusting Menus for Modal Dialog Boxes	6-68
Adjusting Menus for Movable Modal and Modeless Dialog Boxes	6-73
Displaying Multiple Alert and Dialog Boxes	6-74
Displaying Alert and Dialog Boxes From the Background	6-74
Including Color in Your Alert and Dialog Boxes	6-75
Handling Events in Alert and Dialog Boxes	6-77
Responding to Events in Controls	6-78
Responding to Events in Editable Text Items	6-79
Responding to Events in Alert Boxes	6-81
Responding to Events in Modal Dialog Boxes	6-82
Writing an Event Filter Function for Alert and Modal Dialog Boxes	6-86
Responding to Mouse Events in Modeless and Movable Modal Dialog Boxes	6-89
Responding to Keyboard Events in Modeless and Movable Modal Dialog Boxes	6-94
Responding to Activate and Update Events in Modeless and Movable Modal Dialog Boxes	6-97
Closing Dialog Boxes	6-100
Dialog Manager Reference	6-101
Data Structure	6-101
The Dialog Record	6-101
Dialog Manager Routines	6-102
Initializing the Dialog Manager	6-103
Creating Alerts	6-105
Creating and Disposing of Dialog Boxes	6-113
Manipulating Items in Alert and Dialog Boxes	6-120
Handling Text in Alert and Dialog Boxes	6-129
Handling Events in Dialog Boxes	6-135
Application-Defined Routines	6-143
Resources	6-147
The Dialog Resource	6-148
The Alert Resource	6-150
The Item List Resource	6-151
The Dialog Color Table Resource	6-156
The Alert Color Table Resource	6-157
The Item Color Table Resource	6-158
Summary of the Dialog Manager	6-165
Pascal Summary	6-165
Constants	6-165
Data Types	6-166
Dialog Manager Routines	6-166
Application-Defined Routines	6-168

C Summary	6-168
Constants	6-168
Data Types	6-169
Dialog Manager Routines	6-170
Application-Defined Routines	6-172
Assembly-Language Summary	6-172
Data Structures	6-172
Global Variables	6-172

