Control Panels

Contents

About Control Panels 8-4
Control Panels 8-4
A Control Panel's Resources 8-6
The Finder's Interaction With Control Panels 8-7
Control Panels and System Extensions 8-8
About User Documentation for Control Panels 8-8
The Monitors Control Panel and Extensions to It 8-9
Creating Control Panel Files 8-12
Defining the User Interface for a Control Panel 8-12
Creating a Control Panel's Resources 8-14
Resource IDs for Control Panels 8-14
Defining the Control Panel Rectangles 8-15
Creating the Item List Resource 8-17
Defining the Icon for a Control Panel 8-20
Specifying the Machine Resource 8-20
Creating the File Reference, Bundle, and Signature Resources 8-21
Providing Additional Resources for a Control Panel 8-22
Specifying the Font of Text in a Control Panel 8-23
Creating a Font Information Resource 8-23
Defining Text in a Control Panel as User Items 8-24
0
Writing a Control Panel Function 8-25
<u>o</u>
Writing a Control Panel Function 8-25
Writing a Control Panel Function 8-25 Determining If a Control Panel Can Run on the Current System 8-29
Writing a Control Panel Function 8-25 Determining If a Control Panel Can Run on the Current System 8-29 Initializing the Control Panel Items and Allocating Storage 8-29
Writing a Control Panel Function 8-25 Determining If a Control Panel Can Run on the Current System 8-29 Initializing the Control Panel Items and Allocating Storage 8-29 Responding to Activate Events 8-33
Writing a Control Panel Function 8-25 Determining If a Control Panel Can Run on the Current System 8-29 Initializing the Control Panel Items and Allocating Storage 8-29 Responding to Activate Events 8-33 Responding to Keyboard Events 8-37 Responding to Mouse Events 8-39 Responding to Update Events 8-43
Writing a Control Panel Function 8-25 Determining If a Control Panel Can Run on the Current System 8-29 Initializing the Control Panel Items and Allocating Storage 8-29 Responding to Activate Events 8-33 Responding to Keyboard Events 8-37 Responding to Mouse Events 8-39 Responding to Update Events 8-43 Handling Text Defined as User Items 8-43
Writing a Control Panel Function 8-25 Determining If a Control Panel Can Run on the Current System 8-29 Initializing the Control Panel Items and Allocating Storage 8-29 Responding to Activate Events 8-33 Responding to Keyboard Events 8-37 Responding to Mouse Events 8-39 Responding to Update Events 8-43 Handling Text Defined as User Items 8-43 Responding to Null Events 8-45
Writing a Control Panel Function 8-25 Determining If a Control Panel Can Run on the Current System 8-29 Initializing the Control Panel Items and Allocating Storage 8-29 Responding to Activate Events 8-33 Responding to Keyboard Events 8-37 Responding to Mouse Events 8-39 Responding to Update Events 8-43 Handling Text Defined as User Items 8-43

Contents 8-1

Handling Edit Menu Commands 8-46 **Handling Errors** 8-47 Creating an Extension for the Monitors Control Panel 8-48 Designing the User Interface for a Monitors Extension 8-49 Creating the Required Resources for a Monitors Extension 8-51 Creating a Card Resource for a Monitors Extension 8-51 Defining a Rectangle for a Monitors Extension Creating an Item List Resource for a Monitors Extension 8-54 Creating the Monitor Code Resource 8-56 Supplying Optional Resources for a Monitors Extension Specifying an Icon for the Options Dialog Box 8-57 Specifying Version Information Providing an Alternative Name for a Video Card 8-58 Supplying Gamma Table Resources 8-59 Creating File Reference, Bundle, and Signature Resources 8-59 Including a System Extension Resource 8-61 Writing a Monitors Extension Function 8-61 Handling the Startup Message 8-66 Performing Initialization Responding to a Click in the OK Button 8-71 Responding to a Cancel Request 8-71 Handling Mouse Events for a Monitors Extension 8-71 Handling Keyboard Events 8-73 Including Another Control Panel Definition in a Monitors Extension File Control Panels Reference 8-75 8-75 **Application-Defined Routines Control Device Functions** 8-75 **Monitors Extension Functions** 8-79 8-83 Resources The Machine Resource 8-85 The Rectangle Positions Resource 8-86 The Font Information Resource 8-87 The Control Device Function Code Resource 8-88 The Card Resource 8-88 The Monitor Code Resource 8-89 The Rectangle Resource 8-89 Summary of Control Panels 8-90 Pascal Summary 8-90 Constants 8-90 **Application-Defined Routines** 8-91 C Summary 8-91 Constants 8-91 **Application-Defined Routines** 8-93

8-2 Contents