5

Icon Utilities

Contents

Introduction to the Icon Utilities 5-3
About the Icon Utilities 5-6
Using the Icon Utilities 5-7
Drawing Icons in an Icon Family 5-8
Drawing an Icon Directly From a Resource 5-10
Getting an Icon Suite and Drawing One of Its Icons 5-11
Drawing Specific Icons From an Icon Family 5-12
Manipulating Icons 5-13
Drawing Icons That Are Not Part of an Icon Family 5-13
Icon Utilities Reference 5-17
Data Structure 5-17
The Color Icon Record 5-17
Icon Utilities Routines 5-18
Drawing Icons From Resources 5-19
Getting Icons From Resources That Don't Belong to an Icon
Family 5-28
Disposing of Icons 5-30
Creating an Icon Suite 5-30
Getting Icons From an Icon Suite 5-34
Drawing Icons From an Icon Suite 5-35
Performing Operations on Icons in an Icon Suite 5-38
Getting and Setting the Label for an Icon Suite 5-40
Getting Label Information 5-41
Disposing of Icon Suites 5-42
Converting an Icon Mask to a Region 5-43
Determining Whether a Point or Rectangle Is Within an Icon 5-46
Working With Icon Caches 5-53
Application-Defined Routines 5-57
Icon Action Functions 5-57
Icon Getter Functions 5-58

Contents 5-1

CHAPTER 5

Summary of the Icon Utilities 5-60 Pascal Summary 5-60 Constants 5-60 Data Types 5-62 Icon Utilities Routines 5-62 Application-Defined Routines 5-65 C Summary 5-65 Constants 5-65 Data Types 5-67 Icon Utilities Routines 5-68 Application-Defined Routines 5-71 Assembly-Language Summary 5-71 Data Structure 5-71 Trap Macros 5-72 Result Codes 5-73

5-2 Contents