

Index

Symbols

'****' (wildcard) descriptor type 4-10, 4-63, 6-26, 4-58
'----' keyword 3-15

A

active functions

- routines for manipulating 10-45 to 10-46
- supplying alternative 10-23

additional parameters for Apple events 3-9

address descriptor records

- adding to an Apple event 5-11 to 5-13
- defined 3-14
- for direct dispatching 5-13

addresses in Apple events 5-10 to 5-13

'addr' keyword 3-15

AAddressDesc data type 3-14, 5-11 to 5-13

AEArrayData data type 4-60, 5-58

AEArrayDataPointer data type 4-61

AEArrayType data type 4-60

AECallObjectAccessor function 6-82 to 6-83

AECoeerceDesc function 4-95 to 4-96

AECoeercePtr function 4-94 to 4-95

AECountItems function 4-31, 4-74

AECreatAppleEvent function 5-4, 5-26 to 5-27

AECreatAppleEventProcPtr data type 10-24

AECreatDesc function 5-6, 5-11, 5-27 to 5-28

AECreatList function 5-29 to 5-30

AECreatProcPtr function 10-95 to 10-96

AEDeleteItem function 4-92

AEDeleteKeyDesc function 4-93

AEDeleteParam function 4-93

AEDesc data type 3-12, 4-56

AEDescList data type 3-17

AEDisposeDesc function 4-39 to 4-40, 4-94

AEDisposeToken function 6-41, 6-46, 6-54, 6-87 to 6-88

AEDuplicateDesc function 5-28 to 5-29

AEEventClass data type 4-59, 4-62

AEEventID data type 4-59, 4-62

AEEventSource data type 4-29

AEGetArray function 4-77 to 4-78

AEGetAttributeDesc function 4-73

AEGetAttributePtr function 4-28 to 4-31, 4-71 to 4-72

AEGetCoercionHandler function 4-98

AEGetEventHandler function 4-64 to 4-65

AEGetInteractionAllowed function 4-82

AEGetKeyDesc function 4-80 to 4-81

AEGetKeyPtr function 4-79 to 4-80

AEGetNthDesc function 4-32, 4-76 to 4-77

AEGetNthPtr function 4-32 to 4-33, 4-75 to 4-76

AEGetObjectAccessor function 6-81 to 6-82

AEGetParamDesc function 4-27 to 4-28, 4-31, 4-69 to 4-70

AEGetParamPtr function 4-27, 4-68 to 4-69

AEGetSpecialHandler function 4-101 to 4-102

AEGetTheCurrentEvent function 4-89

AEIMP (Apple Event Interprocess Messaging Protocol) 1-3

AEInstallCoercionHandler function 4-96 to 4-97

AEInstallEventHandler function 4-8 to 4-9, 4-62 to 4-64

AEInstallObjectAccessor function 6-22 to 6-27, 6-78 to 6-79

AEInstallSpecialHandler function 4-100 to 4-101

AEInteractAllowed data type 4-48, 4-82

AEInteractWithUser function 4-50, 4-83 to 4-84

AEKeyDesc data type 3-16

AEKeyword data type 3-15 to 3-16

AEManagerInfo function 4-104

AEObjectInit function 6-77

AEProcessAppleEvent function 4-66 to 4-68

AEPutArray function 5-32

AEPutAttributeDesc function 5-37 to 5-38

AEPutAttributePtr function 5-36 to 5-37

AEPutDesc function 5-31

AEPutKeyDesc function 5-34

AEPutKeyPtr function 5-33

AEPutParamDesc function 5-6, 5-35

AEPutParamPtr function 5-5, 5-34 to 5-35

AEPutPtr function 5-30 to 5-31

AERecord data type 3-17 to 3-18

AE records

- adding data to 5-33
- adding keyword-specified descriptor records to 5-33 to 5-34
- and other Apple Event Manager data structures 3-18
- creating 5-29 to 5-30
- defined 3-17 to 3-18
- deleting keyword-specified descriptor records from 4-93
- getting data out of 4-25 to 4-33, 4-78 to 4-80
- getting descriptor records out of 4-80 to 4-81

I N D E X

- getting sizes and descriptor types of
 - keyword-specified descriptor records
 - in 4-90 to 4-91
- AERemoveCoercionHandler function 4-99
- AERemoveEventHandler function 4-65 to 4-66
- AERemoveObjectAccessor function 6-84 to 6-85
- AERemoveSpecialHandler function 4-102 to 4-103
- AEResetTimer function 4-84 to 4-85
- AEResolve function 6-4 to 6-8, 6-28 to 6-47, 6-85 to 6-87
- AEResumeTheCurrentEvent function 4-86 to 4-88
- AESend function 5-13 to 5-20, 5-38 to 5-42
- AESendPriority data type 5-39
- AESendProcPtr data type 10-25, 10-96
- AESetInteractionAllowed function 4-81 to 4-82
- AESetObjectCallbacks function 6-46, 6-79 to 6-80
- AESetTheCurrentEvent function 4-88
- AESizeOfAttribute function 4-91 to 4-92
- AESizeOfKeyDesc function 4-90 to 4-91
- AESizeOfNthItem function 4-90
- AESizeOfParam function 4-91
- AESuspendTheCurrentEvent function 4-85 to 4-86
- 'aete' resources
 - and AppleScript 7-17 to 7-20
 - creating 8-13 to 8-23
 - defined 7-15 to 7-16
 - dynamic loading of 7-20
 - recordable applications and 1-18 to 1-19
 - role of 1-16 to 1-19, 7-17 to 7-20
 - scriptable applications and 1-16 to 1-17
 - structure of 8-8 to 8-13, 8-26 to 8-44
 - supporting new suites 8-23
 - supporting standard suites with extensions 8-16 to 8-23
 - supporting standard suites without extensions 8-14 to 8-16
 - supporting subsets of suites 8-23
- 'aevt' resources
 - additional parameters array 8-34 to 8-36
 - and AppleScript 7-17 to 7-20
 - comparison operators array 8-42 to 8-43
 - defined 7-15 to 7-16
 - elements array 8-40 to 8-41
 - enumerations array 8-43 to 8-44
 - events array 8-29 to 8-33
 - header data 8-27
 - object classes array 8-36 to 8-37
 - properties array 8-38 to 8-40
 - resource type declaration 8-9 to 8-13
 - role of 7-17 to 7-20
 - structure of 8-8 to 8-13, 8-26 to 8-44
 - suites array 8-27 to 8-29
- 'aevt' descriptor type 4-57
- 'aevt' event class 3-8
- alert boxes
 - for multiple publishers in a document 2-58
 - for new publishers 2-19
 - for PPC session termination 11-7
- alias records, for publishers and subscribers 2-16, 2-20
- 'alis' descriptor type 4-58
- 'alis' format type 2-25
- 'alis' resource type 2-19
- 'aplt' creator signature 7-7
- 'appa' descriptor type 4-58
- Apple event attributes
 - adding to Apple events 5-36 to 5-38
 - defined 3-7
 - event classes 3-8, 3-15
 - event IDs 3-8, 3-15
 - event sources 3-15
 - getting data out of 4-28 to 4-31, 4-71 to 4-72
 - getting descriptor records out of 4-73
 - getting descriptor types of 4-91 to 4-92
 - getting sizes of 4-91 to 4-92
 - interaction level 3-15, 4-45
 - keywords for 3-15
 - missed keyword 3-15, 4-30, 4-34 to 4-35
 - optional keyword 4-34, 5-7 to 5-10
 - original source 3-15
 - return ID 3-15
 - setting with the AECreatAppleEvent function 5-3 to 5-4
 - target address 3-15, 5-10 to 5-13
 - timeout 3-15, 5-21
 - transaction ID 3-15
- Apple event data structures
 - arrays 4-60 to 4-61
 - disposing of 4-39 to 4-40
 - summarized 4-56 to 4-61
- AppleEvent data type 3-18 to 3-19
- Apple event dispatch tables
 - defined 3-22
 - getting entries from 4-64 to 4-65
 - installing entries in 4-7 to 4-11, 4-62 to 4-64
 - removing entries from 4-65 to 4-66
 - system 4-7
- Apple event handlers
 - adding to dispatch tables 4-7 to 4-9, 4-62 to 4-64
 - called from the AEProcessAppleEvent function 4-66 to 4-67
 - defined 3-5
 - getting from dispatch tables 4-64 to 4-65
 - introduced 1-12
 - removing from dispatch tables 4-65 to 4-66
 - tasks performed by 3-23 to 3-27
 - writing 4-33 to 4-35
- Apple Event Interprocess Messaging Protocol (AEIMP) 1-3
- Apple Event Manager 3-3 to 6-116, 9-3 to 9-37

INDEX

- application-defined functions for resolving object specifier records 6-94 to 6-103
 - getting information about 4-103 to 4-104
 - Object Support Library and 6-3
 - routines in 4-61 to 4-104, 5-25 to 5-42, 6-77 to 6-94
 - testing for availability 4-4
 - use of Notification Manager 4-51
 - user interaction with server application 4-45 to 4-55, 4-81 to 4-84
- Apple event object classes. *See* object classes, Apple event
- Apple event objects
 - Apple Event Registry: Standard Suites* and 1-11
 - classification of 3-39 to 3-46
 - container hierarchy for 3-45 to 3-46
 - defined 3-6
 - described in Apple event parameters 3-10, 3-12
 - elements of 3-42 to 3-46
 - finding 3-46 to 3-47
 - hierarchy within an application 3-33
 - object accessor functions that find 6-29 to 6-37
 - object classes and 1-11
 - object specifier records and 3-32 to 3-34
 - properties of 3-42 to 3-46
 - tokens for 6-4 to 6-7, 6-39 to 6-41, 6-47
- Apple event parameters
 - adding 5-5 to 5-7, 5-34 to 5-35
 - additional 3-9
 - AppleScript and 8-3 to 8-7
 - checking for missing required 4-34 to 4-35
 - defined 3-8
 - deleting 4-93
 - direct 3-9, 3-15
 - error number 4-36 to 4-37
 - error string 4-37 to 4-39
 - getting data out of 4-26 to 4-28, 4-68 to 4-71
 - getting descriptor records out of 4-27 to 4-28, 4-69 to 4-70
 - getting descriptor types of 4-91
 - getting sizes of 4-91
 - optional 3-9, 3-15, 5-7 to 5-10
 - required 3-9
- Apple event records
 - and other Apple Event Manager data structures 3-18
 - defined 3-18
 - disposing of 4-39 to 4-40
 - getting data out of 4-25 to 4-33, 4-79 to 4-80
 - getting descriptor records out of 4-80 to 4-81
- Apple Event Registry: Standard Suites* 1-10 to 1-12
- Apple events. *See also* Apple event attributes; Apple event parameters
 - accepting 3-20 to 3-22, 4-5 to 4-7
 - addresses for 5-10 to 5-13
 - AppleScript and 8-3 to 8-7
 - attributes and parameters for 3-7 to 3-12
 - client applications using 3-4 to 3-5
 - Create Publisher 4-22 to 4-25
 - creating 5-3 to 5-13
 - data structures in 3-12 to 3-19
 - defined 3-3
 - determining current 4-89
 - direct dispatching 5-13
 - dispatching 4-9 to 4-11, 4-66 to 4-68
 - from Edition Manager 2-13 to 2-14
 - Get AETE 8-23 to 8-26
 - Get Data. *See* Get Data event
 - handling 1-12, 4-4 to 4-44
 - and high-level events 4-5 to 4-7
 - introduced 1-9
 - Move. *See* Move event
 - Open Application. *See* Open Application event
 - Open Documents. *See* Open Documents event
 - Print Documents. *See* Print Documents event
 - processing 3-20 to 3-27, 4-67 to 4-68, 4-84 to 4-89
 - Quit Application. *See* Quit Application event
 - Receive Recordable Event 9-36
 - Recorded Text 10-27
 - recording 9-3 to 9-37
 - Recording Off 9-4
 - Recording On 9-4
 - replying to 4-36 to 4-39, 5-24 to 5-25
 - reply. *See* reply Apple events
 - requesting more time to respond to 4-84 to 4-85
 - requesting services through 3-28 to 3-32
 - required 1-10, 4-11 to 4-20
 - Reset Timer 4-85
 - responding to 1-9 to 1-13, 3-20 to 3-27, 4-5 to 4-7
 - resuming handling of 4-86 to 4-88
 - Section Cancel 2-13
 - Section Read 2-13
 - Section Scroll 2-13, 4-21
 - Section Write 2-13, 4-21
 - sending 1-9 to 1-13, 5-13 to 5-20
 - sending to the current process 5-13
 - server applications using 3-5
 - Set Data. *See* Set Data event
 - standard suites of 1-10
 - Start Recording 9-36
 - Stop Recording 9-37
 - suspending handling of 4-85 to 4-86
- Apple event terminology extension resources. *See* 'aete' resources
- Apple event user terminology resources. *See* 'aeut' resources
- AppleScript component
 - defined 7-4
 - error numbers for `OSAScriptError` 10-40
 - routines for 10-80 to 10-84
- AppleScript scripting language
 - Apple events and 8-3 to 8-7

INDEX

defined 7-4
dialects, defined 7-17
dialects, routines for manipulating 10-67 to 10-71
scriptable applications and 8-3 to 8-7
supporting 1-13 to 1-22
'APPL' file type 7-7
application-defined routines
 MyActiveProc 10-23, 10-95
 MyAdjustMarks 6-53 to 6-54, 6-103
 MyAECreatProc 10-24 to 10-25
 MyAESendProc 10-25 to 10-26, 10-96
 MyCoerceDesc 4-107
 MyCoercePtr 4-106
 MyCompareObjects 6-97 to 6-99
 MyCompletionRoutine procedure 11-79
 MyCountObjects 6-96 to 6-97
 MyDisposeToken 6-99
 MyEventHandler 4-105 to 4-106
 MyExpDlgHook function 2-98
 MyExpModalFilter function 2-98
 MyGetErrorDesc 6-100
 MyGetMarkToken 6-53 to 6-54, 6-101 to 6-102
 MyIdleFunction 5-43
 MyIO function 2-104
 MyMark 6-102
 MyObjectAccessor 6-95 to 6-96
 MyOpener function 2-102
 MyPortFilter function 11-79 to 11-80
 MyQDef function 12-52
 MyReplyFilter 5-43 to 5-44
 MyResultHandler function 12-44
 MyResumeDispatch 10-97
 MyStatusFunc function 12-22
arrays, data types for 4-60 to 4-61
ASGetSourceStyleNames function 10-84
ASGetSourceStyles function 10-82 to 10-83
ASInit function 10-80 to 10-82
ASSetSourceStyles function 10-83
AssociateSection function 2-20, 2-50, 2-79
'****' (wildcard) descriptor type 4-10, 4-63, 6-26
asynchronous parameter block record 12-56 to 12-57
authenticating sessions 11-7, 11-10, 11-30

B

'bool' descriptor type 4-57
borders for publishers and subscribers 2-9 to 2-10, 2-50 to 2-57
 in bitmapped graphics 2-57
 in object-oriented graphics 2-56 to 2-57
 in spreadsheets 2-55 to 2-56
 in word processors 2-54 to 2-55

boundary objects
 specified in range descriptor records 6-20
 specified in whose range descriptor records 6-44

C

CalledEditionOpenerProc function 2-64, 2-103 to 2-104
CallFormatIOProc function 2-68, 2-104
cntTokenRecord data type 6-21
client applications, for Apple events
 defined 3-4 to 3-5
 introduced 1-9
 and scripting components 7-10
 setting user interaction preferences 4-46 to 4-47
CloseEdition function 2-28, 2-88 to 2-89
'CODE' resources, in script application files 10-14
coercion handlers for descriptor types 4-41 to 4-44, 4-96 to 4-99
comparison descriptor records
 comparison operators for 6-51
 creating 6-67 to 6-69, 6-89 to 6-90
 defined 6-16
'comp' descriptor type 4-57
compiled script files 7-7
compiled scripts
 defined 7-23
 modifying and recompiling 10-17 to 10-19
compiling, scripting component routines for 10-47 to 10-51
completion routines
 in PPC Toolbox 11-16 to 11-17, 11-46 to 11-79
 for PPCAccept function 11-38 to 11-39
 for PPCInform function 11-36 to 11-37
 for PPCRead function 11-41
 for PPCReject function 11-39
 for PPCWrite function 11-42
complex object specifier records, creating 6-64 to 6-75
component description records, scripting component flags for 10-5
component instances, and scripting component routines 10-4
Component Manager, and scripting components 10-3 to 10-7
component-specific storage descriptor records 10-12
container hierarchy
 defined 3-45
 described in object specifier records 6-10
 for formTest 6-17 to 6-19
 specifying 6-61 to 6-63
containers
 default 6-10
 described in object specifier records 3-35, 6-10

- specifying 6-61 to 6-63
- specifying for a range of objects 6-20
- Control Panels folder 11-6
- 'core' event class 3-8
- Core suite of Apple events 1-11, 3-41
- cProperty as object class ID 3-42, 6-13, 6-27
- CreateCompDescriptor function 6-68 to 6-69, 6-89 to 6-90
- CreateEditionContainerFile function 2-32 to 2-34, 2-79 to 2-80
- Create Element event handler 9-11
- create functions
 - routines for manipulating 10-55 to 10-57
 - supplying alternative 10-24
- CreateLogicalDescriptor function 6-69 to 6-70, 6-91 to 6-92
- CreateObjSpecifier function 6-55 to 6-75, 6-93 to 6-94
- CreateOffsetDescriptor function 6-72, 6-88 to 6-89
- Create Publisher command (Edit menu) 2-10
- Create Publisher event 4-22 to 4-25
- CreateRangeDescriptor function 6-73, 6-92 to 6-93

D

- DAL (Data Access Language) 12-4
- Data Access Language (DAL) 12-4
- Data Access Manager 12-3 to 12-105
 - asynchronous calls 12-12
 - asynchronous parameter block record 12-56 to 12-57
 - canceling a function call 12-76
 - connection with a database, illustrated 12-6
 - data structures in 12-55 to 12-60
 - data types 12-37 to 12-44
 - disk-space limit 12-13
 - high-level interface
 - compared to low-level 12-11
 - examples of 12-7, 12-18 to 12-21
 - retrieving data 12-9
 - routines 12-62 to 12-69
 - sending a query 12-8 to 12-9
 - status routines 12-22 to 12-28
 - using 12-14 to 12-28
 - high-level routines 12-7 to 12-9
 - flowchart 12-8
 - sequence of use 12-14 to 12-17
 - uses 12-7
 - initializing 12-61 to 12-62
 - local database and 12-4
 - low-level interface 12-9 to 12-11
 - compared to high-level 12-11
 - examples of 12-9 to 12-11

- retrieving data 12-11
- sending a query 12-11
- using 12-28 to 12-36
- low-level routines 12-69 to 12-87
 - flowchart 12-30
 - sequence of use 12-28 to 12-36
 - uses 12-9
- queries
 - converting results to text 12-43 to 12-46, 12-68 to 12-69
 - defined 12-7
 - executing 12-79 to 12-80
 - halting execution 12-82 to 12-83
 - processing results 12-37 to 12-47
 - retrieving results 12-43
 - sending 12-31 to 12-32, 12-77 to 12-78
 - starting 12-64 to 12-66
- query definition function resources 12-93
- query definition functions 12-52 to 12-55
- query documents
 - contents 12-49 to 12-52
 - dialog boxes 12-47 to 12-48
- query records 12-57 to 12-58
 - creating 12-62
 - defined 12-47
 - disposing of 12-63 to 12-64
- query resources 12-91 to 12-92
- query string resources 12-92
- resources in 12-91 to 12-93
- result handlers 12-43 to 12-46, 12-87 to 12-90
 - application 12-44
 - function declaration 12-44
 - provided by Apple Computer 12-43 to 12-44
 - system 12-44
- results records 12-41 to 12-43
- routines in 12-60 to 12-90
- .See also queries; query documents; query records; result handlers; sessions, data access
- status routines 12-22 to 12-28
 - sample 12-26 to 12-28
 - and status messages 12-22 to 12-25
- suggested uses 12-3
- testing for availability 12-3
- user interface guidelines 12-13
 - for providing feedback 12-13
 - for query documents 12-47 to 12-48
- database access. See Data Access Manager
- database command strings. See queries
- database extensions
 - asynchronous execution and 12-12
 - defined 12-4
- database queries. See queries
- databases. See Data Access Manager
- data servers
 - defined 12-5

INDEX

- status 12-80
- DBAsyncParamBlockRec data type 12-56
- DBBreak function 12-82 to 12-83
- DBColumnInfoRecord data type 12-43, 12-60
- DBDisposeQuery function 12-63 to 12-64
- DBEnd function 12-71 to 12-72
- DBExec function 12-32, 12-79 to 12-80
- DBGetConnInfo function 12-72 to 12-74
- DBGetErr function 12-81 to 12-82
- DBGetItem function 12-84 to 12-86
- DBGetNewQuery function 12-62 to 12-63
- DBGetQueryResults function 12-22 to 12-28, 12-66 to 12-68
- DBGetResultHandler function 12-88 to 12-89
- DBGetSessionNum function 12-75 to 12-76
- DBInit function 12-69 to 12-71
- DBInstallResultHandler function 12-87 to 12-88
- DBKill function 12-76
- DBRemoveResultHandler function 12-90
- DBResultsToText function 12-68 to 12-69
- DBSend function 12-77 to 12-78
- DBSendItem function 12-78 to 12-79
- DBStartQuery function 12-22 to 12-28, 12-64 to 12-66
- DBState function 12-80 to 12-81
- DBUnGetItem function 12-86 to 12-87
- ddev. *See* database extensions
- default container 6-5, 6-10
- default scripting component
 - defined 10-3
 - getting and setting 10-86 to 10-87
- DeleteEditionContainerFile function 2-49, 2-81
- DeleteUserIdentity function 11-44 to 11-45, 11-77 to 11-78
- descriptor lists
 - adding array data to 5-32
 - adding descriptor records to 5-31
 - adding items to 5-30 to 5-31
 - and other Apple Event Manager data structures 3-18
 - counting descriptor records in 4-74
 - creating 5-29 to 5-30
 - defined 3-17
 - deleting descriptor records from 4-92
 - disposing of 4-39 to 4-40
 - getting data out of 4-31 to 4-33, 4-75 to 4-76
 - getting descriptor records out of 4-76 to 4-77
 - getting descriptor types of descriptor records in 4-90
 - getting sizes of descriptor records in 4-90
- descriptor records. *See also* keyword-specified descriptor records
 - adding as attributes 5-37 to 5-38
 - adding as parameters 5-35
 - adding to descriptor lists 5-31
 - and other Apple Event Manager data structures 3-12, 3-18
 - coercing data in 4-95 to 4-96
 - counting in descriptor lists 4-74
 - creating 5-27
 - defined 3-12 to 3-14
 - deleting from descriptor lists 4-92
 - disposing of 4-39 to 4-40, 6-58
 - duplicating 5-28 to 5-29
 - getting data out of, in descriptor list 4-75 to 4-76
 - getting descriptor types of, in descriptor lists 4-90
 - getting from attributes 4-73
 - getting from descriptor lists 4-76
 - getting from keyword-specified descriptor records 4-80
 - getting from parameters 4-26 to 4-28, 4-69 to 4-70
 - getting sizes of, in descriptor lists 4-90
- descriptor types
 - in AE records 4-90 to 4-91
 - in Apple events 4-89 to 4-92
 - coercing 4-41 to 4-44, 4-95 to 4-96
 - defined 3-13 to 3-14
 - in descriptor lists 4-90
 - used by Apple Event Manager 4-57 to 4-58
- DescType data type 3-13
- dialects, of AppleScript scripting language
 - defined 7-17
 - routines for manipulating 10-67 to 10-71
- dialog boxes
 - customizing, for publishers and subscribers 2-60 to 2-62
 - to enable guest access 11-9
 - for incorrect passwords 11-31
 - for invalid user names 11-31
 - for program linking 11-22 to 11-23, 11-32
 - for publisher creation 2-5, 2-29, 2-31
 - for publisher options 2-43
 - for query documents 12-47 to 12-48
 - for subscriber creation 2-6, 2-37
 - for subscriber options 2-44, 2-45
 - for user identification 11-30
 - for users & groups 11-8
- dialog hook functions, expandable 2-97, 2-98
- direct dispatching, of Apple events 5-13
- direct parameters for Apple events 3-9, 3-15
- disks, free space limit for data access 12-13
- dispatch tables
 - for Apple event handlers 4-7 to 4-9, 4-61 to 4-66
 - for coercion handlers 4-41 to 4-42
 - for object accessor functions 6-21 to 6-27
 - for special handlers 4-99 to 4-103
- 'doub' descriptor type 4-57
- 'dpl t' creator signature 7-7, 10-14

E

edition containers
 alias record reference to 2-16, 2-22
 closing 2-28
 creating 2-32 to 2-34
 defined 2-4
 deleting 2-49
 opener functions 2-63 to 2-67, 2-102 to 2-104
 opener verbs 2-64 to 2-66
 opening 2-26, 2-27, 2-68
 to read data 2-41
 to write data 2-35 to 2-36
 preview of 2-37
 reading from 2-27 to 2-28
 relocating 2-60
 writing to 2-27 to 2-28

EditionContainerSpec data type 2-39

edition containers. *See also* editions 2-4

EditionHasFormat function 2-41, 2-84 to 2-85

Edition Manager. *See also* editions; publishers; subscribers
 Apple events sent by 3-8, 4-20 to 4-21
 installing entries in Apple event dispatch table 4-9
 introduced 1-6 to 1-9

Edition Manager. *See also* editions; publishers; subscribers 2-3 to 2-122
 and Translation Manager 2-28, 2-41, 2-85, 2-86
 routines in 2-73 to 2-105

edition opener functions 2-63, 2-102 to 2-104

EditionOpenerParamBlock data type 2-64, 2-103

editions
 defined 2-4
 formats for 2-24 to 2-26
 preview of 2-6

editions. *See also* edition containers 2-4

Edit menu
 Create Publisher command 2-10
 Edition Manager commands in 2-10
 Publisher/Subscriber Options command 2-10, 2-43 to 2-44
 Show/Hide Borders command 2-10
 Stop All Editions command 2-10
 Subscribe To command 2-10

elements of Apple event objects 3-42 to 3-46

'enum' descriptor type 4-58

'erng' descriptor type 10-39

'errn' keyword 3-15

error callback function 6-100

error numbers
 returned by AppleScript for
 OSAScriptError 10-40
 returned by scripting components for
 OSAScriptError 10-39 to 10-40

errors in script compilation or execution, obtaining
 information about 10-37 to 10-40

'errs' keyword 3-15

'esrc' keyword 3-15

'evcl' keyword 3-15

event classes 3-8

event IDs 3-8 to 3-9

EventRecord data type 2-13

event records 2-13, 3-8

events, high-level. *See* high-level events

'evid' keyword 3-15

expandable dialog hook functions 2-97, 2-98

expandable modal-dialog filter functions 2-97, 2-98

'exte' descriptor type 4-57

extensions of object classes 3-41

F

factoring, for Apple event recording 7-21, 9-6 to 9-13
 sending events without executing them 9-12 to 9-13
 window movement 9-12

'fals' descriptor type 4-58

File menu
 New command 9-9 to 9-11
 Open Query command 12-14
 Quit command 4-14, 4-20, 9-6 to 9-9

file types
 'APPL' 7-7, 10-14
 'edtp' 2-32
 'edts' 2-32
 'edtt' 2-32
 'osas' 10-14
 'qery' 12-47
 'scpt' 7-7, 10-14

Finder events 3-8

FindNextComponent function 10-5

'fmts' format type 2-25

formAbsolutePosition key form
 introduced 6-12
 key data for 6-14
 specifying 6-63

FormatIOParamBlock data type 2-69

format I/O verbs 2-69 to 2-70

format marks 2-27

FormatsAvailable data type 2-26

format types 2-24 to 2-26

'form' keyword 6-8

formName key form
 introduced 3-36, 6-12
 key data for 6-14
 specifying 6-62 to 6-63

formPropertyID key form
 introduced 3-36, 6-12

INDEX

- key data for 6-13
- specifying 6-63
- formRange key form
 - introduced 3-36, 6-12
 - key data for 6-20 to 6-21
 - specifying 6-72 to 6-75
- formRelativePosition key form
 - introduced 3-36, 6-12
 - key data for 6-15
 - specifying 6-64
- formTest key form
 - and formWhose 6-42
 - introduced 3-36, 6-12
 - key data for 6-15 to 6-19
 - specifying 6-64 to 6-72
- formUniqueID key form
 - introduced 3-36, 6-12
 - key data for 6-14
- formWhose key form 6-12, 6-42 to 6-45
- 'from' keyword
 - as the keyAECContainer keyword 6-8
 - as the keyOriginalAddressAttr keyword 3-15, 9-37
- 'fss' descriptor type 4-58
- functional-area suites of Apple events 1-11

G

- generic script IDs 10-85
- generic scripting component 10-84 to 10-92
 - component-specific routines and 10-87 to 10-92
 - default scripting component, getting and setting 10-86 to 10-87
 - defined 7-22
 - and generic script IDs 10-85
 - name of component, obtaining 10-47
 - opening a connection to 10-4
 - and OSALoad function 10-15
- generic storage descriptor records
 - defined 10-12
 - routines for manipulating trailer 10-92 to 10-94
- Get AETE event
 - handling 8-23 to 8-26
 - introduced 7-20
- Get Data event
 - resolving object specifier record in 6-5 to 6-7
 - sample object accessor functions 6-29 to 6-34
 - sent by AppleScript component 7-10
- GetDefaultUser function 11-33, 11-76 to 11-77
- GetEditionFormatMark function 2-27, 2-82 to 2-83
- GetEditionInfo function 2-49, 2-98 to 2-99
- GetEditionOpenerProc function 2-63, 2-102

- GetLastEditionContainerUsed function 2-39, 2-90 to 2-91
- GetStandardFormats function 2-101
- GoToPublisherSection function 2-49 to 2-50, 2-100

H

- handlers for Apple events. *See* Apple event handlers
- high-level events. *See also* Apple events
 - handling when accepting Apple events 4-5 to 4-7
 - processing while waiting for reply Apple event 5-24 to 5-25

I

- idle functions 5-22 to 5-24
- InitDBPack function 12-61 to 12-62
- InitEditionPack function 2-12, 2-74
- insertion location descriptor records 8-5
- 'inte' keyword 3-15
- interapplication communication (IAC) 1-3 to 1-22
- invalidating users 11-44
- I/O functions 2-68, 2-104 to 2-105
- IPCListPorts function
 - description 11-55 to 11-56
 - use of by PPCBrowser function 11-25 to 11-27
- IPCListPortsPBRec data type 11-46
- isHighLevelEventAware flag 4-5
- IsRegisteredSection function 2-14, 2-78

K

- kAEAlwaysInteract flag 4-46 to 4-47
- kAEAnswer event ID 4-36
- kAECanInteract flag 4-46 to 4-47
- kAECanSwitchLayer flag 4-47
- kAECoreSuite event class 3-8
- kAEDontExecute flag 5-41, 9-12
- kAEDontRecord flag 5-41, 9-3
- kAEInteractWithAll flag 4-48
- kAEInteractWithLocal flag 4-48
- kAEInteractWithSelf flag 4-48
- kAENeverInteract flag 4-46 to 4-47
- kAENoReply flag 5-14 to 5-15
- kAEOpenDocuments event ID 3-9
- kAEPrintDocuments event ID 3-9
- kAEQueueReply flag 4-37, 5-14 to 5-15
- kAEQuitApplication event ID 3-9
- kAEWaitReply flag 4-36, 5-14 to 5-15

INDEX

kCoreEventClass event class 3-8
keyAddressAttr keyword 3-15
keyAECmpOperator keyword 6-16
keyAEContainer keyword 3-34, 6-8, 6-55
keyAEDesiredClass keyword 3-34, 6-8, 6-55
keyAEEditionFileLoc keyword 4-22
keyAEIndex keyword 6-42
keyAEKeyData keyword 3-34, 6-8
keyAEKeyForm keyword 3-34, 6-8
keyAELogicalOperator constant 6-17
keyAELogicalTerms constant 6-17
keyAEObject1 keyword 6-16
keyAEObject2 keyword 6-16
keyAEObject keyword 8-5
keyAEPosition keyword 8-5
keyAERangeStart constant 6-20
keyAERangeStop constant 6-20
keyAETest keyword 6-42
key data, in object specifier records 6-12 to 6-21
 defined 3-36
 for formAbsolutePosition 6-14
 for formNameID 6-14
 for formPropertyID 6-13
 for formRange 6-20
 for formRelativePosition 6-15
 for formTest 6-15 to 6-19
 for formUniqueID 6-14
 for formWhose 6-42
 specifying 6-57 to 6-75
keyDirectObject keyword 3-15
keyErrorNumber keyword 3-15, 4-36 to 4-37
keyErrorString keyword 3-15, 4-37
keyEventClassAttr keyword 3-15
keyEventIDAttr keyword 3-9, 3-15
keyEventSourceAttr keyword 3-15, 4-29
key form, in object specifier records
 defined 3-36
 introduced 6-11 to 6-12
 specifying 6-57
keyInteractLevelAttr keyword 3-15, 4-45
keyMissedKeywordAttr keyword 3-15, 4-30,
 4-34 to 4-35, 5-10
keyOptionalKeywordAttr keyword 3-15, 4-34,
 5-7 to 5-10
keyOriginalAddressAttr keyword 3-15
keyOSASourceEnd keyword 10-39
keyOSASourceStart keyword 3-15
keyReturnIDAttr keyword 3-15
keyTimeoutAttr keyword 3-15, 5-21
keyTransactionIDAttr keyword 3-15
'keyw' descriptor type 4-58
keywords for Apple events 3-15
keyword-specified descriptor records. *See also*
 descriptor records
 adding to AE records 5-33 to 5-34

 defined 3-15 to 3-16
 deleting from AE records 4-92 to 4-93
 disposing of 4-39 to 4-40
 getting data out of 4-79 to 4-80
 getting descriptor records out of 4-80 to 4-81
 getting descriptor types of 4-90 to 4-91
 getting sizes of 4-90 to 4-92
kHighLevelEvent message class 4-5
kOASComponentType component type 10-4
kOSAGenericScriptingComponentSubtype
 component subtype 10-4, 10-14
kOSAScriptIsModified script information
 selector 10-42
kOSAScriptResourceType resource 10-14
kOSASupportsAEC coercion flag 10-52
kOSASupportsAESending flag 10-5, 10-56
kOSASupportsCoercion flag 10-5
kOSASupportsCompiling flag 10-5, 10-47
kOSASupportsDialects flag 10-5, 10-67
kOSASupportsGetSource flag 10-5, 10-51
kOSASupportsRecording flag 10-5, 10-59
kOSASupportsTinkering flag 10-5, 10-72
kOSASupportsWindowEditing flag 10-5

L

linking programs. *See* program linking
'list' descriptor type 4-57
localAndRemoteHLEvents flag 4-5
LocationNameRec data type 11-19, 11-50
logical descriptor records
 creating 6-69 to 6-70, 6-91 to 6-92
 defined 6-17
'long' descriptor type 4-57

M

'magn' descriptor type 4-57
mark-adjusting function 6-54
marking callback functions 6-53 to 6-54
mark token function 6-53
menu commands
 Create Publisher (Edit menu) 2-10
 New (File menu) 9-9 to 9-12
 Publisher/Subscriber Options (Edit menu) 2-10,
 2-43 to 2-44
 Quit (File menu) 4-14, 4-20, 9-6 to 9-9
 Show/Hide Borders (Edit menu) 2-10
 Stop All Editions (Edit menu) 2-10
 Subscribe To (Edit menu) 2-10

I N D E X

message blocks
 defined 11-5
 reading data using 11-40 to 11-41
 writing data using 11-42 to 11-43
'miss' keyword 3-15, 5-10
modal-dialog filter functions, expandable 2-97, 2-98
'modi' script information selector 10-42
Move event, handled by script context 7-25 to 7-28

N

NewPublisherDialog function 2-29, 2-31,
 2-93 to 2-94
NewPublisherExpDialog function 2-60 to 2-61,
 2-96 to 2-98
NewPublisherReply data type 2-30 to 2-31
new publisher reply records 2-30, 2-80, 2-93 to 2-94
NewSection function 2-18, 2-75
NewSubscriberDialog function 2-37 to 2-39,
 2-91 to 2-92
NewSubscriberExpDialog function 2-60,
 2-96 to 2-98
NewSubscriberReply data type 2-38
new subscriber reply records 2-38 to 2-39, 2-91
Notification Manager, used by Apple Event
 Manager 4-50
null descriptor records
 as default reply Apple event 3-26, 4-36
 used to specify default container 6-10
'null' descriptor type 4-58, 6-10, 9-17

O

'oapp' event ID 3-9
object accessor dispatch tables
 defined 6-5
 getting entries from 6-81 to 6-82
 installing entries in 6-21 to 6-27, 6-78 to 6-79
 removing entries from 6-84 to 6-85
 system 6-22
object accessor functions
 adding to dispatch tables 6-21 to 6-27, 6-78 to 6-79
 calling 6-82 to 6-83
 defined 6-4
 examples of 6-29 to 6-38
 getting from dispatch tables 6-81 to 6-82
 for properties 6-37 to 6-38
 removing from dispatch tables 6-84 to 6-85
 whose descriptor records and 6-44 to 6-45
 writing 6-28 to 6-45

object callback functions
 defined 6-4
 error callback function 6-100
 mark-adjusting function 6-54
 marking callback functions 6-53 to 6-54
 mark token function 6-53
 object comparison function 6-50 to 6-52
 object-counting function 6-48 to 6-49
 object-marking function 6-54
 special handler dispatch tables and 4-100
 specifying 6-79 to 6-80
 token disposal function 6-41
 writing 6-45 to 6-75
object classes, Apple event
 Apple event objects and 1-11
 and classification of Apple event objects 3-39 to 3-41
 defined 3-6
object class IDs
 in object specifier records 3-35, 6-9
 for properties of Apple event objects 3-42, 6-13
object class inheritance hierarchy 3-40 to 3-41
object comparison function 6-50 to 6-52
object-counting function 6-48 to 6-49
object-marking function 6-54
object specifier records
 application-defined functions for resolving
 6-94 to 6-103
 complex 6-64 to 6-75
 creating 6-55 to 6-75, 6-88 to 6-94
 defined 3-32 to 3-39
 descriptor types used in 6-76
 keywords for 3-34, 6-8
 resolving 3-33, 6-4 to 6-8, 6-85 to 6-87
 simple, creating 6-57 to 6-60
 specifying a property 6-63
 specifying a range 6-72 to 6-75
 specifying a relative position 6-64
 specifying a test 6-64 to 6-72
 specifying the container hierarchy 6-61 to 6-63
Object Support Library
 disabling 4-103
 initializing 6-77
 linking 6-3
'odoc' event ID 3-9
offset descriptor records 6-72, 6-88 to 6-89
Open Application event
 defined 4-13
 event ID for 3-9
 handling 4-14 to 4-15
OpenComponent function 10-4
OpenDefaultComponent function 10-4
Open Documents event
 defined 4-13
 event ID for 3-9
 handling 4-15 to 4-17

INDEX

- illustration of responding to 3-27
 - OpenEdition function 2-26, 2-41, 2-83
 - opener verbs 2-64 to 2-66
 - OpenNewEdition function 2-26, 2-35, 2-86 to 2-87
 - Open Query command (File menu) 12-14
 - .See also Data Access Manager
 - Open Scripting Architecture (OSA)
 - defined 1-13
 - and scripting components 7-4
 - optional parameters for Apple events
 - defined 3-9
 - and keyOptionalKeywordAttr attribute 4-34
 - specifying 5-7 to 5-10
 - 'optk' keyword 3-15, 5-7 to 5-10
 - OSAActiveProcPtr data type 10-23
 - OSAAddStorageType function 10-93 to 10-94
 - OSAAvailableDialectCodeList function 10-68 to 10-69
 - OSAAvailableDialects function 10-70 to 10-71
 - OSACoerceFromDesc function 10-52 to 10-54
 - OSACoerceToDesc function 10-54 to 10-55
 - OSACompileExecute function 10-10, 10-63 to 10-64
 - OSACompile function 10-7 to 10-9, 10-48 to 10-50
 - 'osa' component type 10-4
 - OSACopyID function 10-50
 - OSADisplay function 10-35 to 10-36
 - OSADispose function 10-41
 - OSADoEvent function 10-19 to 10-23, 10-76 to 10-78
 - OSADoScript function 10-10, 10-65 to 10-66
 - OSAExactScriptingComponent function 10-18
 - OSAExecuteEvent function 10-19 to 10-21, 10-74 to 10-76
 - OSAExecute function 10-7 to 10-9, 10-14 to 10-17, 10-33 to 10-35
 - OSAGenericToRealID function 10-90 to 10-91
 - OSAGetActiveProc function 10-46
 - OSAGetCreateProc function 10-56
 - OSAGetCurrentDialect function 10-68
 - OSAGetDefaultScriptingComponent function 10-86
 - OSAGetDialectInfo function 10-69 to 10-70
 - OSAGetResumeDispatchProc function 10-73 to 10-74
 - OSAGetScriptInfo function 10-43 to 10-44
 - OSAGetScriptingComponentFromStored function 10-88 to 10-89
 - OSAGetScriptingComponent function 10-89 to 10-90
 - OSAGetSendProc function 10-57
 - OSAGetSource function 10-17 to 10-18, 10-51 to 10-52
 - OSAGetStorageType function 10-93
 - OSAID data type 7-23, 10-29
 - OSALoadExecute function 10-61 to 10-63
 - OSALoad function 10-14 to 10-17, 10-32 to 10-33
 - OSAMakeContext function 10-79
 - OSAScriptingComponentName function 10-47
 - OSASetActiveProc function 10-45
 - OSASetCreateProc function 10-56
 - OSASetCurrentDialect function 10-67
 - OSASetDefaultScriptingComponent function 10-87
 - OSASetDefaultTarget function 10-58 to 10-59
 - OSASetResumeDispatchProc function 10-72
 - OSASetScriptInfo function 10-41 to 10-42
 - OSASetSendProc function 10-57
 - OSAStartRecording function 10-59 to 10-60
 - OSAStopRecording function 10-60 to 10-61
 - OSAStore function 10-30 to 10-31
 - OSASetDefaultScriptingComponent function 10-87
 - OSASetDefaultTarget function 10-58 to 10-59
 - OSASetResumeDispatchProc function 10-72
 - OSASetScriptInfo function 10-41 to 10-42
 - OSASetSendProc function 10-57
 - OSAStartRecording function 10-59 to 10-60
 - OSAStopRecording function 10-60 to 10-61
 - OSAStore function 10-30 to 10-31
-
- ## P
- 'pdoc' event ID 3-9
 - port filter function 11-24 to 11-25
 - PortInfoRec data type 11-25
 - port locations 11-4
 - port names 11-4
 - PPCAccept function 11-38, 11-67, 11-69 to 11-70
 - PPCAcceptPBRec data type 11-46
 - PPCBrowser function 11-53 to 11-54
 - use to locate a port 11-22 to 11-27
 - use with Apple events 5-11, 5-12
 - PPCClose function 11-43 to 11-44, 11-59 to 11-60
 - PPCClosePBRec data type 11-46
 - PPCEnd function 11-43, 11-65 to 11-66
 - PPCEndPBRec data type 11-46
 - PPCInform function 11-35 to 11-37, 11-67 to 11-69
 - PPCInformPBRec data type 11-46
 - PPCInit function 11-11, 11-52
 - PPCOpen function 11-20 to 11-22, 11-57 to 11-58
 - PPCOpenPBRec data type 11-46
 - PPCParamBlockRec data type 11-15, 11-46
 - PPC parameter blocks 11-15, 11-17, 11-46 to 11-49
 - PPCPortRec data type 11-18 to 11-19, 11-49
 - PPC ports
 - closing 11-43 to 11-44
 - defined 11-4
 - listing available 11-22 to 11-27
 - opening 11-17 to 11-22
 - specifying locations 11-4, 11-19, 11-50
 - specifying names 11-4, 11-17
 - PPCRead function 11-40 to 11-41, 11-72 to 11-74
 - PPCReadPBRec data type 11-46
 - PPCReject function 11-39, 11-67, 11-71
 - PPCRejectPBRec data type 11-46

I N D E X

PPC sessions
 accepting 11-37 to 11-39
 defined 11-5
 ending 11-43
 exchanging message blocks during 11-39 to 11-40
 initiating 11-29 to 11-35
 receiving requests for 11-35 to 11-37
 rejecting 11-37 to 11-39
PPCstart function 11-29, 11-33 to 11-35, 11-60 to 11-63
PPCstartPBRec data type 11-46
PPCwrite function 11-42 to 11-43, 11-74 to 11-76
PPCwritePBRec data type 11-46
primitive object classes 3-41
Print Documents event
 defined 4-13
 event ID for 3-9
 handling 4-17 to 4-19
program linking
 defined 11-5
 dialog box 11-22 to 11-27
 to server applications for Apple events 4-5
Program-to-Program Communications (PPC)
 Toolbox 11-3 to 11-98
 calling conventions 11-14 to 11-17
 data structures in 11-46 to 11-49
 routines in 11-51 to 11-78
 testing for availability 11-11
'prop' descriptor type 4-58
properties of Apple event objects
 defined 3-42 to 3-46
 object accessor functions that find 6-37 to 6-38
 object class ID for 3-42, 6-13
 specifying in an object specifier record 6-63
'prvw' format type 2-25
'psn' descriptor type 3-14, 4-58
Publisher Options command (Edit menu) 2-10, 2-43
publishers
 borders 2-9 to 2-10, 2-50 to 2-54
 canceling 2-48 to 2-49
 creating 2-29 to 2-32
 defined 2-4
 locating 2-49 to 2-50
 multiple 2-18, 2-58 to 2-59, 2-73
 options for 2-43 to 2-50
 update modes 2-47 to 2-48
Publisher/Subscriber Options command (Edit menu) 2-10
publishing data. *See* Edition Manager; publishers

Q

'qdef' resource type 12-91, 12-93
'qery' file type 12-47

'qrsc' resource type 12-91 to 12-92
queries
 converting results to text 12-43 to 12-46, 12-68 to 12-69
 defined 12-7
 executing 12-79 to 12-80
 halting execution 12-82 to 12-83
 processing results 12-37 to 12-47
 retrieving results 12-43
 sending 12-31 to 12-32, 12-77 to 12-78
 starting 12-64 to 12-66
query definition function resources 12-93
query definition functions 12-52 to 12-55
query documents 12-47 to 12-55
 contents 12-49 to 12-52
 dialog boxes 12-47 to 12-48
QueryRecord data type 12-57
query records 12-57 to 12-58
 creating 12-62
 defined 12-47
 disposing of 12-63 to 12-64
query resources 12-91 to 12-92
query string resources 12-92
Quit Application event
 defined 4-13
 event ID for 3-9
 handling 4-19 to 4-20
Quit command (File menu) 4-14, 4-20
'quit' event ID 3-9

R

range descriptor records
 creating 6-92 to 6-93
 key data for 6-20
ReadEdition function 2-27, 2-85 to 2-86
Receive Recordable Event event 9-36
'reco' descriptor type 4-57
recordable applications 1-18 to 1-19, 7-20 to 7-22, 9-3 to 9-5
 'aete' resources and 1-18 to 1-19
 defined 7-5
 direct dispatching and 5-13
 factoring 9-6 to 9-13
 guidelines for what to record 9-14 to 9-35
 introduced 1-15
Recorded Text event 10-27
Recording Off event 9-4
Recording On event 9-4
recording scripts, routines for 10-59 to 10-61
reference constants
 for Apple event handlers 4-8, 4-34
 for object accessor function 6-24

INDEX

- RegisterSection function 2-22, 2-76 to 2-77
 - relative position, specifying in an object specifier
 - record 6-64
 - reply Apple events 4-36 to 4-39
 - disposing of 4-39 to 4-40
 - filter functions while waiting for 5-24 to 5-25
 - timeouts for 4-84 to 4-85, 5-21 to 5-22
 - required Apple events 4-11 to 4-20
 - required parameters for Apple events 3-9, 4-34 to 4-35
 - Required suite of Apple events 1-10
 - Reset Timer event 4-85
 - ResListElem record 12-58
 - resources
 - alias 2-19
 - Apple event terminology. *See* 'aete' resources, 'aeut' resources
 - query 12-91 to 12-92
 - query definition function 12-93
 - query string 12-92
 - script 7-7, 10-14
 - scripting size 8-45 to 8-46
 - section 2-19
 - size 4-5, 10-14
 - resource types
 - 'aete'. *See* 'aete' resources
 - 'aeut'. *See* 'aeut' resources
 - 'alis' 2-19
 - 'qdef' 12-91, 12-93
 - 'qrsc' 12-91 to 12-92
 - 'scpt' 7-7, 10-14
 - 'scsz' 8-45 to 8-46
 - 'sect' 2-19
 - 'SIZE' 4-5, 10-14
 - 'wstr' 12-49, 12-92
 - result handlers 12-43 to 12-47, 12-87 to 12-90
 - application 12-44
 - function declaration 12-44
 - installing 12-87 to 12-88
 - provided by Apple Computer 12-43 to 12-44
 - system 12-44
 - ResultsRecord data type 12-42, 12-59
 - results records 12-41 to 12-43
 - resume dispatch functions
 - defined 7-27
 - example of use 10-21
 - 'rtid' keyword 3-15
-
- ## S
-
- sample routines
 - DoEvent 4-5
 - DoHighLevelEvent 4-6
 - DoNewPublisher 2-33 to 2-34
 - DoNewSubscriber 2-40
 - DoOptionsDialog 2-46 to 2-47
 - DoPPCAccept 11-38
 - DoPPCReject 11-39
 - DoReadEdition 2-42 to 2-43
 - DoSectionRead 2-15
 - DoWriteEdition 2-21, 2-34, 2-36, 2-46, 2-47
 - MyAcceptCompProc 11-38
 - MyBrowserPortFilter 11-24
 - MyCompareObjects 6-52
 - MyConnectToScripting 10-6
 - MyCountObjects 6-49
 - MyCreateComparisonDescRec 6-68
 - MyCreateDocContainer 6-61
 - MyCreateFormNameObjSpecifier 6-67
 - MyCreateLogicalDescRec 6-70
 - MyCreateObjSpecRec 6-70
 - MyCreateOptionalKeyword 5-9
 - MyCreateRangeDescriptor 6-74
 - MyCreateTableContainer 6-62
 - MyDeleteNewUserRefNum 11-45
 - MyDoDragWindow 9-13
 - MyDoMenuNew 9-9
 - MyDoMenuQuit 9-6
 - MyDoNewScript 10-9
 - MyEditGenericScript 10-18
 - MyFindDocumentObjectAccessor 6-30
 - MyFindParaObjectAccessor 6-32
 - MyFindPropertyOfWindowObjectAccessor 6-38
 - MyFindWindowObjectAccessor 6-35
 - MyFindWordObjectAccessor 6-34
 - MyGeneralAppleEventHandler 10-21
 - MyGetAETE 8-25
 - MyGetQRCompRoutine 12-21
 - MyGetScriptErrorInfo 10-11
 - MyGetSectionHandleFromEvent 2-15
 - MyGetTargetAddress 5-12
 - MyGotRequiredParams 4-35
 - MyHandleCreateElement 9-11
 - MyHandleCreatePublisherEvent 4-23
 - MyHandleOApp 4-15
 - MyHandleODoc 4-15
 - MyHandlePDoc 4-18
 - MyHandleQuit 4-19, 9-8
 - MyHandler 4-38
 - MyHandleSectionReadEvent 2-14
 - MyHiLevel 12-18
 - MyIdleFunction 5-23
 - MyInformCompProc 11-37
 - MyIPCListPorts 11-28
 - MyLoadAndExecute 10-16
 - MyLoLevel 12-34
 - MyMultHandler 4-39
 - MyOpenExistingDocument 2-23

INDEX

- MyPPCBrowser 11-26
- MyPPCClose 11-44
- MyPPCEnd 11-43
- MyPPCInform 11-36
- MyPPCInit 11-12
- MyPPCOpen 11-21
- MyPPCRead 11-41
- MyPPCStart 11-34
- MyPPCWrite 11-42
- MyQDef 12-53
- MyReadComplete 11-41
- MyRejectCompProc 11-39
- MyRequestRowFromTarget 6-59
- MySaveDocument 2-21
- MySendAECreatElement 9-10
- MySendAEQuit 9-7
- MySendFragment 12-32
- MySendMultiplyEvent 5-18
- MySetTargetAddresses 5-11
- MyStartCompRoutine 12-21
- MyStartSecureSession 11-32
- MyStartStatus 12-26
- MyTypeIntegerHandler 12-46
- MyWriteComplete 11-43
- 'scpt' component subtype 10-4, 10-14
- 'scpt' file type 7-7
- 'scpt' resource type 7-7, 10-14
- scriptable applications
 - 'aete' resources and 1-16 to 1-17, 8-13 to 8-23
 - AppleScript and 8-3 to 8-7
 - defined 7-4
 - introduced 1-15
 - requirements for 1-16 to 1-17, 7-14 to 7-20, 8-13 to 8-23
- script applications
 - creator signature for 10-14
 - defined 7-7
- script comments 7-6, 10-14
- script contexts
 - defined 7-23
 - handling Apple events with 7-25 to 7-28, 10-19 to 10-23
 - introduced 7-12
 - routines for handling Apple events with 10-71 to 10-79
 - used for global contexts 10-8
- script data
 - coercing a descriptor record to 10-52 to 10-54
 - coercing to a descriptor record 10-54 to 10-55
 - defined 7-23
 - disposing of 10-41
 - executing 10-14 to 10-17, 10-33 to 10-35
 - generic scripting component and trailer for 10-15
 - getting handle to 10-30 to 10-31
 - getting information about 10-43 to 10-44
 - loading and executing 10-14 to 10-17
 - resource and file types for 10-13
 - saving 10-12 to 10-14, 10-30 to 10-31
 - saving and loading, routines for 10-30 to 10-33
 - setting and getting information about 10-41 to 10-44
 - storage formats for 10-12 to 10-13
 - updating 10-50
- Script Editor application
 - and applications that execute scripts 1-21
 - scriptable applications and 1-14 to 1-15
 - script window for 7-6
- script editors
 - and Apple event recording 9-35 to 9-37
 - defined 7-6
- script error information selectors 10-37 to 10-38
- script files 7-7
- script IDs
 - defined 7-23
 - and generic script IDs 10-85
- script information selectors 10-43 to 10-44
- scripting components 7-3 to 7-28, 10-3 to 10-125
 - and Apple event recording 9-35 to 9-37
 - application-defined functions for 10-94 to 10-98
 - connecting with via Component Manager 10-3 to 10-7
 - defined 7-4
 - error numbers for OSAScriptError 10-39 to 10-40
 - flags for component description records 10-5
 - and generic scripting component 7-22, 10-15
 - introduced 1-13
 - optional routines for 10-46 to 10-79
 - required routines for 10-30 to 10-46
 - routines used by 10-84 to 10-94
 - and scriptable applications 7-8 to 7-11
 - using to manipulate and execute scripts 7-11 to 7-14, 7-22 to 7-28
 - writing 10-27
- ScriptingComponentSelector data type 10-85
- scripting languages
 - and object specifier records 3-33
 - AppleScript. *See* AppleScript scripting language
 - supporting 1-13 to 1-22
- scripts
 - defined 7-4
 - executing in one step, routines for 10-61 to 10-66
 - introduced 1-13
 - manipulating and executing 1-19 to 1-22, 7-22 to 7-28
 - multithreaded execution of 10-4
 - recording, Recorded Text event and 10-27
 - recording, routines for 10-59 to 10-61
- script text files 7-8
- script values
 - coercing to readable text 10-35 to 10-36
 - coercion of, routines for 10-52 to 10-55
 - defined 7-23

INDEX

- 'scsz' resource 8-45 to 8-46
- 'sect' descriptor type 4-58
- Section Cancel event 2-13
- SectionEventMsgClass event class ?? to 4-21, 4-21 to ??
- SectionOptionsDialog function 2-43, 2-94 to 2-95
- SectionOptionsExpDialog function 2-60 to 2-61, 2-96 to 2-98
- SectionOptionsReply data type 2-45 to 2-46
- Section Read event 2-13, 4-21
 - preventing initial 2-75
- SectionReadMsgID event ID 4-21
- SectionRecord data type 2-17 to 2-18, 2-72 to 2-73
- section records for publishers and subscribers 2-15 to 2-24
- Section Scroll event 2-13, 4-21
- SectionScrollMsgID event ID 4-21
- sections. *See also* publishers; subscribers 2-15 to 2-28
 - canceling 2-48 to 2-49
 - defined 2-4
 - reading and writing 2-24
 - registering 2-13 to 2-14
 - renaming documents that contain 2-50
- Section Write event 2-13, 4-21
- SectionWriteMsgID event ID 4-21
- 'sect' resource type 2-19
- 'seld' keyword 6-8
- Select event 9-16 to 9-35
- send functions
 - routines for manipulating 10-55 to 10-57
 - supplying alternative 10-25 to 10-26
- sendMode flags for AESend 5-40
- server applications, for Apple events
 - defined 3-4 to 3-5
 - introduced 1-9
 - setting user interaction preferences 4-48
 - user interaction with 4-45 to 4-55
- session ID, data access
 - defined 12-16
 - getting 12-29
- session numbers, data access
 - getting 12-37, 12-75 to 12-76
 - use of 12-37
- sessions, data access
 - controlling 12-69 to 12-76
 - examples 12-18, 12-34
 - getting information about 12-37, 12-72 to 12-74
 - initiating 12-16, 12-28, 12-69 to 12-71
 - terminating 12-17, 12-33, 12-71 to 12-72, 12-82 to 12-83
- sessions, PPC. *See* PPC sessions
- Set Data event
 - handling 1-12
 - recording 9-27 to 9-30
 - sent by AppleScript component 7-10
 - sent during script execution 1-17
- SetEditionFormatMark function 2-27, 2-82
- SetEditionOpenerProc function 2-63, 2-102
- Sharing Setup control panel 11-6
- 'shor' descriptor type 4-57
- Show/Hide Borders command (Edit menu) 2-10
- 'sign' descriptor type 3-14, 4-58
- simple object specifier records, creating 6-57 to 6-60
- 'sing' descriptor type 4-57
- 'SIZE' resource
 - use by Apple events 4-5
 - use in script application files 10-14
- source applications, for Apple events 3-4 to 3-5
- source data, for scripts
 - AppleScript routines for styles 10-82 to 10-84
 - compiling 10-48 to 10-50
 - compiling and executing 10-7 to 10-11
 - defined 7-23
 - obtaining from script data 10-51 to 10-52
- 'srce' keyword 10-39
- 'srcs' keyword 10-39
- 'ssid' descriptor type 3-14, 4-58
- Start Recording event 9-36
- StartSecureSession function 11-30 to 11-31, 11-63 to 11-66
- status routines, Data Access Manager 12-22 to 12-28
 - for DBGetQueryResults function 12-22 to 12-28
 - for DBStartQuery function 12-22 to 12-28
 - defined 12-14
 - function declaration 12-22
 - sample 12-26 to 12-28
 - and status messages 12-22 to 12-25
- Stop All Editions command (Edit menu) 2-10
- Stop Recording event 9-37
- subclasses, in object class definitions 3-40
- Subscriber Options command (Edit menu) 2-43 to 2-45
- subscribers
 - borders 2-9 to 2-10, 2-50, 2-54
 - canceling 2-48
 - creating 2-37 to 2-39
 - defined 2-4
 - modifying the contents of 2-59
 - options for 2-43 to 2-50
 - to non-edition files 2-62 to 2-70
 - update modes 2-48
- Subscribe To command (Edit menu) 2-10
- subscribing. *See* Edition Manager; subscribers
- superclasses, in object class definitions 3-40
- system Apple event dispatch table 4-7
- system coercion dispatch table 4-41
- system object accessor dispatch table 6-22

T

'`target`' descriptor type 3-14, 4-58
 target addresses of Apple events 5-10 to 5-13
 target applications, for Apple events 3-4 to 3-5
 terminology in applications, recommended 2-4
 terminology resources, Apple event 8-3 to 8-46
 and AppleScript 7-17 to 7-20
 defined 7-15
 structure of 8-8 to 8-13, 8-26 to 8-44
 'TEXT' descriptor type 4-57
 timeouts for interacting with the user 4-50
 timeouts for reply Apple events 4-84 to 4-85, 5-21 to 5-22
 'time' keyword 3-15
 token disposal functions
 called by Apple Event Manager 6-41, 6-46
 defined 6-7
 marking callback functions and 6-54
 tokens, for Apple event objects
 defined 6-4
 defining descriptor types for 6-39 to 6-41
 object accessor functions and 6-28 to 6-29
 ranges of text and 6-40
 'tran' keyword 3-15
 'true' descriptor type 4-57
 typeAbsoluteOrdinal descriptor type 6-14, 6-76
 typeAEList descriptor type 4-57
 typeAERecord descriptor type 4-57
 typeAlias descriptor type 4-58
 typeAppleEvent descriptor type 4-57
 typeApplSignature descriptor type 3-14, 4-58, 5-10
 typeAppParameters descriptor type 4-58
 typeBoolean descriptor type 4-57
 typeChar descriptor type 4-57
 typeCompDescriptor descriptor type 6-16
 typeComp descriptor type 4-57
 typeCurrentContainer descriptor type 6-20, 6-76
 'type' descriptor type 4-58
 typeEnumerated descriptor type 4-58, 6-76
 typeExtended descriptor type 4-57
 typeFalse descriptor type 4-58
 typeFSS descriptor type 4-58
 typeKeyword descriptor type 4-58
 typeLogicalDescriptor descriptor type 6-17
 typeLongFloat descriptor type 4-57
 typeLongInteger descriptor type 4-57
 typeMagnitude descriptor type 4-57
 typeNull descriptor type 4-58, 6-10, 9-17
 typeObjectBeingExamined descriptor type 6-16, 6-68, 6-76
 typeObjectSpecifier descriptor type 4-22, 6-55 to 6-75, 6-76
 typeOSAErrorRange descriptor type 10-39

typeOSAGenericStorage descriptor type 10-12, 10-14
 typeProcessSerialNumber descriptor type 3-14, 4-58, 5-10, 5-13
 typeProperty descriptor type 4-58
 typeRangeDescriptor descriptor type 6-20
 typeSectionH descriptor type 4-58
 typeSessionID descriptor type 3-14, 4-58, 5-10
 typeShortFloat descriptor type 4-57
 typeShortInteger descriptor type 4-57
 typeTargetID descriptor type 3-14, 4-58, 5-10
 typeTrue descriptor type 4-57
 typeType descriptor type 4-58
 typeWhoseDescriptor descriptor type 6-42 to 6-45
 typeWhoseRange descriptor type 6-44
 typeWildcard descriptor type 4-10, 4-58, 4-63, 6-26 to 6-27

U

UnRegisterSection function 2-22, 2-48, 2-77 to 2-78
 user interaction
 requesting 4-49 to 4-56, 4-81 to 4-84
 setting preferences for client application 4-45 to 4-47
 setting preferences for server application 4-48
 Users & Groups control panel 11-7

W

WaitNextEvent function, use by the Apple Event Manager 5-15
 'want' keyword 6-8
 whose descriptor records 6-42 to 6-45
 whose range descriptor records 6-44
 WriteEdition function 2-27, 2-88
 'wstr' resource type 12-49, 12-92

X, Y, Z

XCMDs, as a script 10-13

