

Printing Messages

Contents

About the Printing Messages	4-7
Printing Message Terminology	4-8
Using the Printing Messages	4-9
Printing Messages Reference	4-9
Data Types for Printer Drivers	4-10
The Print-to-File Structure	4-10
The Printing Buffer Structure	4-11
The Page Information Structure	4-11
Constants and Data Types for Macintosh Printing Manager	
Compatibility	4-12
The Universal Print Structure	4-12
Feed Mode Options for the Universal Print Structure	4-15
Print Options for the Universal Print Structure	4-15
Paper Orientation Options for the Universal Print Structure	4-16
Print Quality Modes for the Universal Print Structure	4-17
Paper Tray Selections for the Universal Print Structure	4-17
Cover Page Options for the Universal Print Structure	4-18
Print-Head Motions for the Universal Print Structure	4-18
File Save Types for the Universal Print Structure	4-19
Constants and Data Types for the Raster Imaging System	4-19
Raster Offscreen Structure	4-19
Raster Offscreen Plane Structure	4-20
Raster Offscreen Setup Structure	4-20
Raster Offscreen Plane Setup Structure	4-21
Raster Plane Options	4-22
Raster Package Bitmap Structure	4-22
Raster Imaging System Structure	4-23
Raster Render Options	4-24
Raster Package Structure	4-24
Raster Package Options	4-25

Constants and Data Types for the PostScript Imaging System	4-26
PostScript Imaging System Structure	4-26
PostScript Render Options	4-27
PostScript Glyphs Structure	4-28
PostScript Procedure Set List Structure	4-29
PostScript Query Results	4-29
Constants and Data Types for the Vector Imaging System	4-30
Vector Halftone Structure	4-30
Vector Halftone Component Structure	4-30
Vector Shape Structure	4-31
Vector Shape Options	4-32
Vector Imaging System Structure	4-32
Vector Render Options	4-33
Vector Pen Table Structure	4-34
Vector Pen Table Entry Structure	4-34
Vector Pen Units	4-35
User Interface Constants and Data Types	4-35
The Panel Information Structure	4-35
Panel Events	4-36
Panel Responses	4-37
Panel Event Actions	4-38
Parse Range Results	4-38
The Status Structure	4-39
The Manual Feed Structure	4-40
The Display Structure	4-41
Printing Messages	4-41
Storage Messages	4-43
GXInitialize	4-43
GXShutDown	4-44
GXFetchTaggedData	4-45
Print Object Messages	4-47
GXDefaultJob	4-47
GXDefaultFormat	4-48
GXDefaultPaperType	4-49
GXDefaultPrinter	4-50
GXDefaultDesktopPrinter	4-51
Application Messages	4-52
GXStartJob	4-52
GXCleanupStartJob	4-53
GXFinishJob	4-54
GXJobIdle	4-55
GXStartPage	4-55
GXCleanupStartPage	4-57
GXFinishPage	4-57
GXPrintPage	4-58
GXJobFormatModeQuery	4-59
GXParsePageRange	4-60

Paper-Handling Messages	4-61
GXDoesPaperFit	4-61
Color Profile Messages	4-62
GXFindPrinterProfile	4-62
GXFindFormatProfile	4-63
GXSetPrinterProfile	4-65
GXSetFormatProfile	4-66
Spooling Messages	4-67
GXCreateSpoolFile	4-68
GXSpoolPage	4-69
GXSpoolData	4-70
GXSpoolResource	4-71
GXCompleteSpoolFile	4-73
Despooling Messages	4-74
GXCountPages	4-74
GXDespoolPage	4-75
GXDespoolData	4-76
GXDespoolResource	4-77
GXExamineSpoolFile	4-79
GXCloseSpoolFile	4-79
Dialog Box Messages	4-81
GXPrintingEvent	4-81
GXJobDefaultFormatDialog	4-82
GXFormatDialog	4-83
GXJobPrintDialog	4-84
GXHandlePanelEvent	4-85
GXFilterPanelEvent	4-86
Universal Imaging Messages	4-87
GXJobStatus	4-88
GXCaptureOutputDevice	4-89
GXImageJob	4-90
GXCreateImageFile	4-91
GXSetupImageData	4-92
GXImageDocument	4-93
GXImagePage	4-94
GXRenderPage	4-96
Raster Imaging Messages	4-97
GXRasterDataIn	4-97
GXRasterLineFeed	4-98
GXRasterPackageBitmap	4-100
PostScript Imaging Messages	4-101
GXPostScriptQueryPrinter	4-101
GXPostScriptInitializePrinter	4-103
GXPostScriptResetPrinter	4-104
GXPostScriptExitServer	4-105
GXPostScriptGetStatusText	4-106
GXPostScriptGetPrinterText	4-107

GXPostScriptScanStatusText	4-110
GXPostScriptScanPrinterText	4-111
GXPostScriptGetDocumentProcSetList	4-112
GXPostScriptDownloadProcSetList	4-115
GXPostScriptGetPrinterGlyphsInformation	4-116
GXPostScriptStreamFont	4-117
GXPostScriptDoDocumentHeader	4-118
GXPostScriptDoDocumentSetup	4-119
GXPostScriptDoDocumentTrailer	4-120
GXPostScriptDoPageSetup	4-121
GXPostScriptSelectPaperType	4-122
GXPostScriptDoPageTrailer	4-124
GXPostScriptEjectPage	4-125
GXPostScriptProcessShape	4-126
Vector Imaging Messages	4-127
GXVectorPackageShape	4-127
GXVectorLoadPens	4-128
GXVectorVectorizeShape	4-130
Device Communications Messages	4-131
GXOpenConnection	4-131
GXOpenConnectionRetry	4-132
GXCleanupOpenConnection	4-134
GXCloseConnection	4-135
GXStartSendPage	4-136
GXCleanupStartSendPage	4-137
GXFinishSendPage	4-138
GXBufferData	4-139
GXWriteData	4-141
GXDumpBuffer	4-142
GXFreeBuffer	4-143
GXFinishSendPlane	4-144
GXCheckStatus	4-145
GXGetDeviceStatus	4-146
Compatibility Messages	4-147
GXPrOpenDoc	4-148
GXPrCloseDoc	4-148
GXPrOpenPage	4-149
GXPrClosePage	4-150
GXPrintDefault	4-151
GXPrStlDialog	4-152
GXPrJobDialog	4-153
GXPrStlInit	4-154
GXPrJobInit	4-155
GXPrDlgMain	4-156
GXPrValidate	4-157
GXPrGeneral	4-158
GXPrJobMerge	4-159

GXConvertPrintRecordFrom	4-160
GXConvertPrintRecordTo	4-161
GXPrintRecordToJob	4-162
Finder Dialog Box Messages	4-163
GXWriteStatusToDTPWindow	4-163
GXInitializeStatusAlert	4-164
GXHandleAlertEvent	4-165
GXHandleAlertStatus	4-167
GXHandleAlertFilter	4-168
Finder Menu Messages	4-169
GXGetDTPMenuList	4-169
GXDTPMenuSelect	4-170
Summary of Printing Messages	4-172

