AppleTalk Transaction Protocol (ATP)

Contents

About ATP 6-3
The ATP Packet Format 6-5
At-Least-Once and Exactly-Once Transactions 6-7
The Buffer Data Structure 6-8
ATP Flags 6-8
Using ATP 6-9
Writing a Requester ATP Application 6-9
Creating a Buffer Data Structure 6-12
Specifying the Parameters for the Send Request Function 6-12
Writing a Responder ATP Application 6-14
Opening and Setting Up a Socket to Receive Requests 6-14
Responding to Requests 6-16
Canceling an ATP Function 6-19
ATP Reference 6-20
Data Structures 6-20
The Buffer Data Structure 6-20
The ATP Parameter Block 6-21
The Address Block Record 6-23
Routines 6-23
Sending an ATP Request 6-24
Opening and Closing an ATP Socket 6-30
Setting Up a Socket to Listen for Requests 6-32
Responding to Requests 6-34
Canceling Pending ATP Functions 6-38
Building a Buffer Data Structure 6-44
Summary of ATP 6-46
Pascal Summary 6-46

Constants 6-46
Data Types 6-46
Routines 6-48
C Summary 6-49
Constants 6-49
Data Types 6-50
Routines 6-53
Assembly-Language Summary 6-54
Constants 6-54
Data Structures 6-55
Result Codes 6-58