

Program-to-Program Communications Toolbox

Contents

About the PPC Toolbox	11-4
Ports, Sessions, and Message Blocks	11-4
Setting Up Authenticated Sessions	11-6
Using the PPC Toolbox	11-10
PPC Toolbox Calling Conventions	11-14
Specifying Port Names and Location Names	11-17
Opening a Port	11-20
Browsing for Ports Using the Program Linking Dialog Box	11-22
Obtaining a List of Available Ports	11-27
Preparing for a Session	11-29
Initiating a PPC Session	11-29
Receiving Session Requests	11-35
Accepting or Rejecting Session Requests	11-37
Exchanging Data During a PPC Session	11-39
Reading Data From an Application	11-40
Sending Data to an Application	11-42
Ending a Session and Closing a Port	11-43
Invalidating Users	11-44
PPC Toolbox Reference	11-46
Data Structures	11-46
The PPC Toolbox Parameter Block	11-46
The PPC Port Record	11-49
The Location Name Record	11-50
The Port Information Record	11-51
PPC Toolbox Routines	11-51
Initializing the PPC Toolbox	11-52
Using the Program Linking Dialog Box	11-52
Obtaining a List of Ports	11-55

Opening and Closing a Port	11-57
Starting and Ending a Session	11-60
Receiving, Accepting, and Rejecting a Session	11-67
Reading and Writing Data	11-72
Locating a Default User and Invalidating a User	11-76
Application-Defined Routines	11-78
Completion Routines for PPC Toolbox Routines	11-78
Port Filter Functions	11-79
Summary of the PPC Toolbox	11-81
Pascal Summary	11-81
Constants	11-81
Data Types	11-82
PPC Toolbox Routines	11-88
Application-Defined Routines	11-89
C Summary	11-90
Constants	11-90
Data Types	11-91
PPC Toolbox Routines	11-96
Application-Defined Routines	11-97
Assembly-Language Summary	11-97
Trap Macros	11-97
Result Codes	11-98