WebSphere MQ: Introduction Table of Contents

Chapter 1: Messaging and Queuing

Client Specific Performance Objectives and Examples	1-
WebSphere MQ: What is it?	
Messaging and Queuing	
Asynchronous versus Synchronous Communications	
Synchronous: Good and Bad	
Asynchronous: Good and Bad	
MQ API Calls - Fundamentals	
Additional Features	!
Local Queue	1
Two-way Communication	1
Distributed Queue	1
Client to Server	1
How Messaging and Queuing Works	
Messaging and Queuing Characteristics	1
Applications Can Run at Different Times	
No Constraints on Application Structure	
Applications Shielded from Environmental Differences	18-1
For What Problems is WebSphere MQ the Solution	
Problem with the WebSphere MQ Solution	
Queue Types	
Message Channel	2

Chapter 2: Facilities

Client Specific Performance Objectives and Examples MQ Objects: Queue Manager MQ Objects: Queues WebSphere MQ Queues: Properties WebSphere MQ Queues: Events and Triqgering.	3-
WebSphere MQ Objects: Processes	
WebSphere MQ Objects: Message Channels	9-1
WebSphere MQ: Message Channel Concepts	1
How Messages Move Across Channels	
WebSphere MQ: Assured Delivery	
WebSphere MQ Objects: Messages	
WebSphere MQ Messages: Properties	
MQ Messages: Message Types	
WebSphere MQ Messages Units of Work and Transactions	
Message Groups	
Segment	
Message: Maximum Length	
Handling Large Messages	
WebSphere MQ:Transaction Support	
WebSphere MQ: Logging and Recovery	
Shared Queues	
Dead Letter Queue	
Persistence	
Priority	
MQ Report Messages.	

CETI/COMPUTER EDUCATION TECHNIQUES (WMQ: Introduction - 10.2)

TOC: Page 1

WebSphere MQ: Introduction

Table of Contents

MQSC Feedback	29
Running MQSC Scripts	
Problems with MQSC Commands	
Queue Manager Attributes - Displaying	
Browsing Queues	
Online Monitoring	
WebSphere MQ Explorer	
Control Commands	

WebSphere MQ: Introduction Table of Contents

Chapter 3: Application Programming Interface

Client Specific Performance Objectives and Examples	1-
Programming Languages	
APIs: JMS	
APIs: AMI	
APIs: CMI	
APIs: MQI	
MQI: WebSphere MQ Programming Interface	8-
MQMD: MQ Message Descriptor	1
MsgType: Message Type	1
ReplyToQ: Reply-to Queue	12-1
Msgld: Message Identifier	1
Other MQMD Fields	1
Completion Codes and Reason Codes	16-1
MQI Components	18-1
Connection and Object Handles	
Disconnecting Programs.	
Open the Object	22-2

Chapter 4: Interfacing with Other Systems

Client Specific Performance Objectives and Examples	. 1-2
Syncpoint - Unit of Work	
Triggering	
Trigger Events	5
Initiation Queues and Trigger Messages	
Trigger Monitors	
How WebSphere MO Triggering Works	

Chapter 5: Administration

Client Specific Performance Objectives and Examples	
WebSphere MQ Administration Interfaces	4-
MQSC: WebSphere MQ Script	
PCFs: Programmable Command Formats	8-9
What is WebSphere MQ	
Local and Remote Administration	
Administration Control	13-14
WebSphere MQ Explorer	15-16
Queue Manager - Windows: Creating	17-18
Queue Manager: Creation	
Default Queue Manager: Creation	20
Queue Manager: Starting	2 ⁻
Queue Manager: Stopping	
MQSC Commands	
Standard Input and Output	20
MQSC Commands Interactively	27-28

CETI/COMPUTER EDUCATION TECHNIQUES (WMQ: Introduction - 10.2)

TOC: Page 2