

**Chapter 1: Server Components**

Stand-alone and Network Configuration ..... 1

Application Servers, Node, Node Group, and Cells ..... 2

Servers ..... 3

Containers ..... 4

Application Server Services ..... 5

Virtual Hosts ..... 6

Session Management ..... 7

Administration ..... 8

Administration Tools ..... 9

Administrative Console ..... 9

Commands ..... 9

Scripting Client ..... 9

Application Packaging ..... 10

Application Deployment ..... 11

System Management ..... 12

**Chapter 2: System Management**

System Management Tools ..... 1

Standalone Server Environment ..... 2

Role-based Administration ..... 3

JMX: Java Management Extensions ..... 4

Repository Directory Structure ..... 5

**Chapter 3: Profile Management**

Profile: Purpose ..... 1

Application Server Profile ..... 2

Deployment Manager Profile ..... 3

Custom Profile ..... 4

Profile Creation Wizard ..... 5

wasprofile Command ..... 10

Profile Creation ..... 11

Profile Templates ..... 11

**Chapter 4: Administrative Console**

Purpose and Function of the Administrative Console ..... 1

Access the Administrative Console ..... 2

Logging in to the Administrative Console ..... 3

Changing the Administrative Console Session Timeout ..... 4

deployment.xml ..... 5

Graphical Interface ..... 7

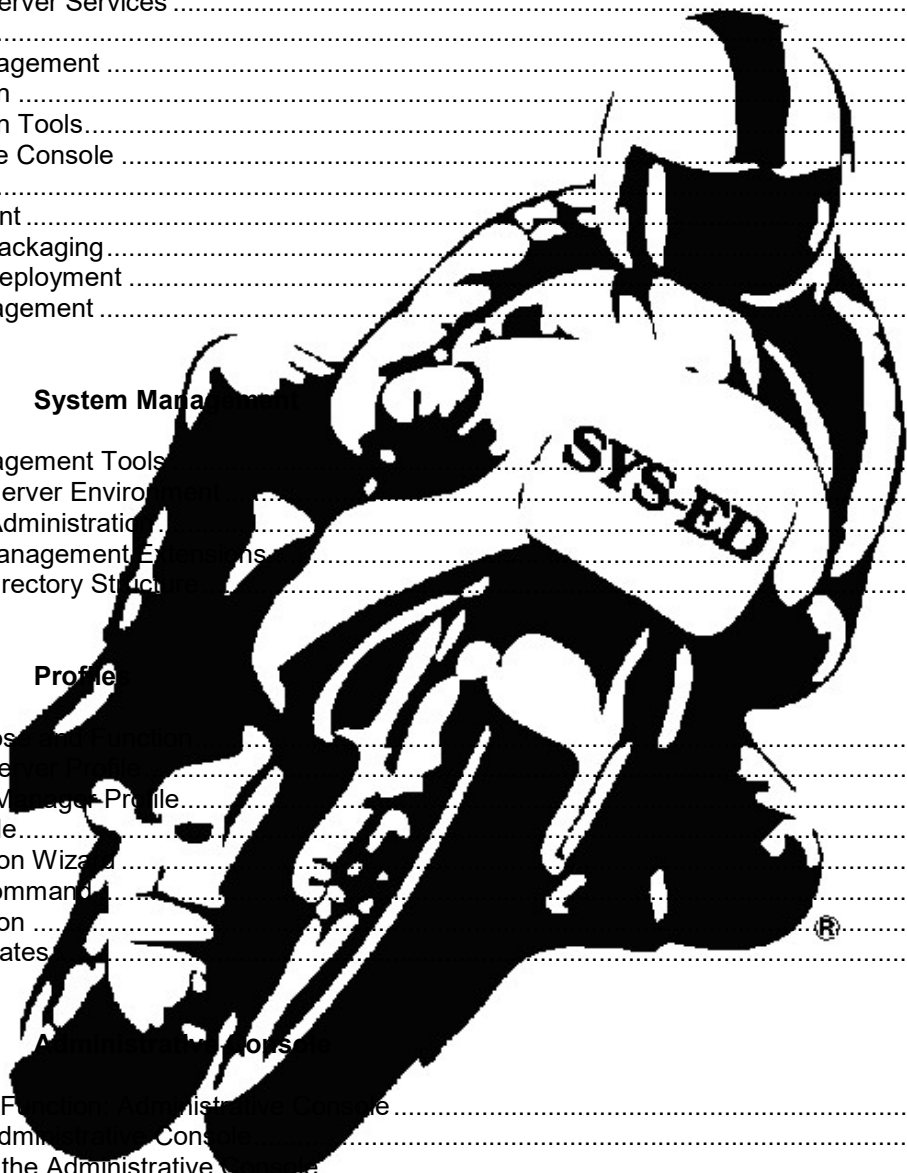
Navigation Tree ..... 8

Console Preferences - Setting ..... 10

Preferences for Viewing the Console Page - Setting ..... 11

Adding New Items ..... 12

Removing Items ..... 13



Starting and Stopping Items..... 14  
 Variables ..... 15  
 Saving Work ..... 17

**Chapter 5: Application Servers**

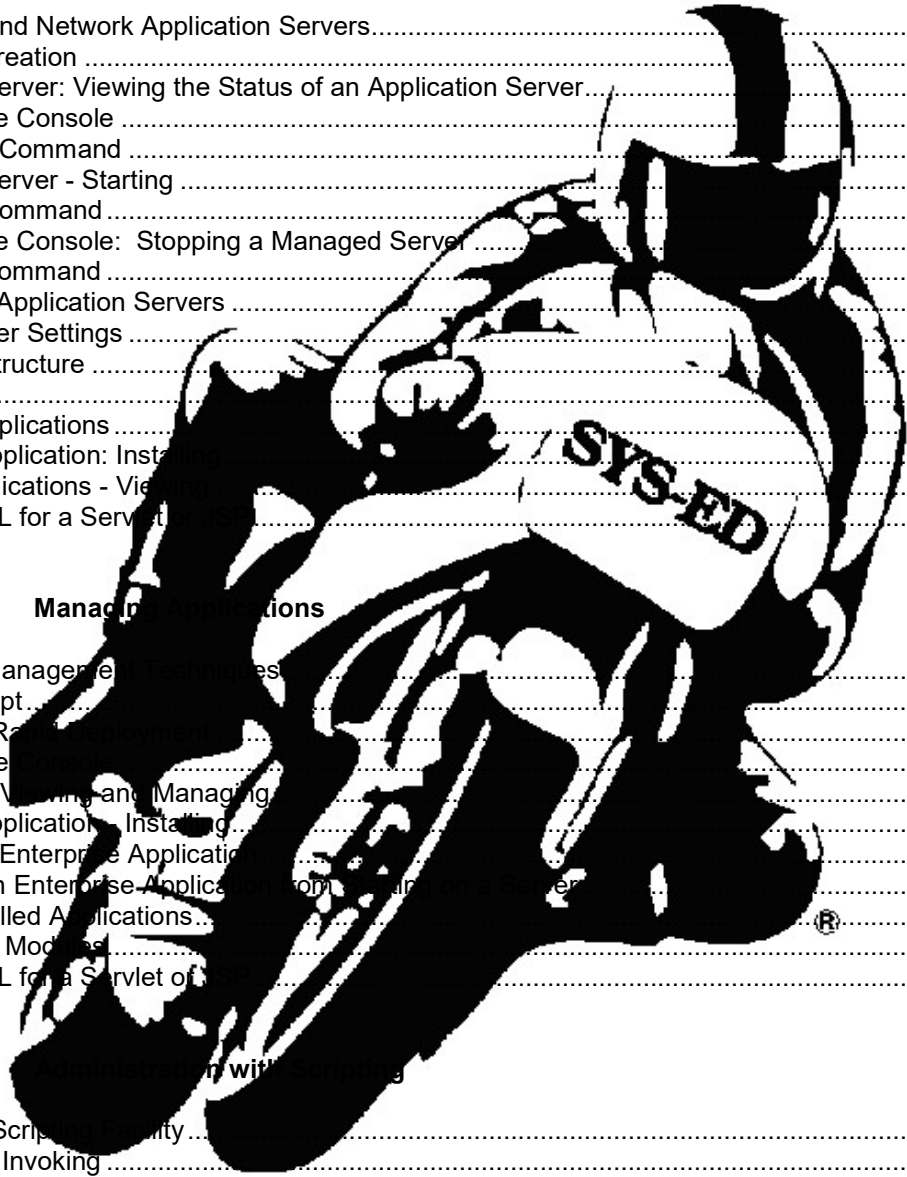
Standalone and Network Application Servers..... 1  
 Template - Creation ..... 4  
 Application Server: Viewing the Status of an Application Server..... 5  
 Administrative Console ..... 6  
 serverStatus Command ..... 7  
 Application Server - Starting ..... 8  
 startServer Command ..... 9  
 Administrative Console: Stopping a Managed Server ..... 10  
 stopServer Command ..... 11  
 Customizing Application Servers ..... 12  
 Web Container Settings ..... 13  
 Server Infrastructure ..... 14  
 Virtual Hosts ..... 15  
 Managing Applications ..... 16  
 Enterprise Application: Installing ..... 17  
 Installed Applications - Viewing ..... 19  
 Finding a URL for a Servlet ..... 20

**Chapter 6: Managing Applications**

Application Management ..... 1  
 wsadmin Script ..... 1  
 WebSphere Resources ..... 1  
 Administrative Console ..... 1  
 Applications: Viewing and Managing ..... 2  
 Enterprise Application: Installing ..... 3  
 Exporting an Enterprise Application ..... 5  
 Preventing an Enterprise Application from Starting ..... 6  
 Viewing Installed Applications ..... 7  
 Viewing Web Modules ..... 10  
 Finding a URL for a Servlet of ..... 12

**Chapter 7: Working with Scripting**

WebSphere Scripting ..... 1  
 Commands - Invoking ..... 2  
 wsadmin Objects ..... 3  
 AdminControl ..... 3  
 AdminConfig ..... 3  
 AdminApp ..... 4  
 AdminTask ..... 4  
 AdminControl: Administration ..... 5  
 AdminConfig ..... 6  
 Commands ..... 7  
 types ..... 7



getid..... 7  
list..... 7  
defaults..... 7  
AdminTask - Configuration..... 8  
Operational Tasks..... 9  
Viewing Installed Applications..... 10

**Chapter 8: Configuring Resources**

JDBC Resources..... 1  
JDBC Providers and Data Sources..... 2  
Version 4 Data Source..... 3  
Data Source - Creating..... 4  
JDBC Provider - Creating..... 5  
JDBC Data Source - Creating..... 8  
Configure Connection Pooling Properties..... 9  
WebSphere Application Server Data Source Properties..... 10

**Chapter 9: Managing Web Servers**

Supported Servers..... 1  
Plug-ins..... 2  
Web Server: Viewing the Status..... 3  
Start/Stop Web Servers..... 4  
Viewing or Modifying the Web Server Configuration..... 5  
Viewing Web Server Logs..... 6  
Mapping Modules to Servers..... 7

**Chapter 10: Determining the Cause of Problems**

Resources for Identifying Problems..... 1  
Administrative Console Messages..... 2  
Log Files..... 4  
JVM Logs - Configuring..... 5  
Processing Native Logs..... 7  
IBM Service Activity Log..... 8  
Log Analyzer..... 10  
Product Information..... 12

