Contents

PART 1 The SAS/AF Development Environment 1

Chapter 1 △ Introduction to SAS/AF Software 3
Overview of SAS/AF Software **3**
Purpose of This Document **3**
Getting More Information **4**
Software Requirements **4**

Chapter 2 △ The Building Blocks of Frame Applications 5
Components, Controls, and Models **5**
The SAS/AF Development Environment **6**
A Simple Methodology for Frame Development **9**
Using Models **9**

Chapter 3 △ Adding SCL Programs to Frames 11
SAS Component Language (SCL) **11**
The Fundamentals of Frame SCL **13**
Dot Notation and SCL **14**
Controlling the Execution of SCL Programs **16**
Calling Other Frames **16**
Saving Frame SCL Programs **17**
Compiling Applications **17**
Testing Applications **18**

Chapter 4 △ Build a Frame Application 19
Overview of the Frame Application **19**
Build the Display_data Frame **20**
Build the Create_report Frame **29**
Build the Start_menu Frame **36**

PART 2 Appendixes 41

Appendix 1 △ Defining Attachments 43
Understanding Attachments **43**
Define Attachments That Resize the Table Viewer **48**
Test the Table Viewer Attachments **50**
Define Attachments That Move the Close Window Button **51**

Appendix 2 △ Deploying Applications 55
Launching an Application **55**

Appendix 3 △ Defining a Subclass 59

Subclassing **59**
Create a Close Window Button Subclass **59**
Overriding Attributes **60**
Add the Close Window Button Class to the Components Window **61**
Test the New Close Window Button **62**

Glossary 63

Index 67