

[\[Team LiB \]](#)

- [Table of Contents](#)

**Building Solutions with the Microsoft .NET Compact Framework:
Architecture and Best Practices for Mobile Development**

By [Dan Fox](#), [Jon Box](#)

Publisher: Addison
Wesley
Pub Date: October 31,
2003
ISBN: 0-321-
19788-7
Pages: 400

[Copyright](#)

[Praise for Building Solutions with the Microsoft .NET Compact Framework](#)

[Foreword](#)

[Preface](#)

[A Brave New World](#)

[A Note about Audience](#)

[Language Choice](#)

[The Scope of This Book](#)

[Final Words](#)

[Acknowledgments](#)

[About the Authors](#)

[Part 1. The PDA Development Landscape with the Compact Framework](#)

[Chapter 1. The Rise of Mobile Devices](#)

[Executive Summary](#)

[The Need for Mobility](#)

[Information Anywhere, Anytime, and on Any Device](#)

[Microsoft and Mobility](#)

[The Compact Framework and SDP in Context](#)

[What's Ahead](#)

[Related Reading](#)

[Chapter 2. Components of Mobile Development](#)

[Executive Summary](#)

[.NET and Smart Devices](#)

[Goals of the Compact Framework and SDP](#)

[The .NET Compact Framework](#)

[SDP](#)

[What's Ahead](#)

[Related Reading](#)

[Part II. Essential Architectural Concepts](#)

[Chapter 3. Accessing Local Data](#)

[Executive Summary](#)

[The Need for Local Data Handling](#)

[Using File I/O](#)

[Handling XML](#)

[Working with Relational Data](#)

[Displaying Data](#)

[What's Ahead](#)

[Related Reading](#)

[Chapter 4. Accessing Remote Data](#)

[Executive Summary](#)

[Have PDA, Will Travel](#)

[Wireless Application Factors around Accessing Remote Data](#)

[How the Compact Framework Addresses Accessing Remote Data](#)

[What's Ahead](#)

[Related Reading](#)

[Chapter 5. Caching Data with SQL Server CE](#)

[Executive Summary](#)

[The Role of SQLCE](#)

[SQLCE Architecture](#)

[Accessing SQLCE](#)

[Administering SQLCE](#)

[What's Ahead](#)

[Related Reading](#)

[Chapter 6. Primitive Synchronization](#)

[Executive Summary](#)

[The Importance of Synchronization](#)

[What ActiveSync Is](#)

[The ActiveSync Architecture](#)

[Creating a Partnership](#)

[Developing ActiveSync Applications](#)

[What's Ahead](#)

[Related Reading](#)

[Chapter 7. Data Synchronization](#)

[Executive Summary](#)

[SQLCE Synchronization](#)

[RDA](#)

[Merge Replication](#)

[What's Ahead](#)

[Related Reading](#)

[Part III. Additional Programming Considerations](#)

[Chapter 8. Localization](#)

[Executive Summary](#)

[The Need for Globalization and Localization](#)

[Globalization and Localization Support](#)

[Other Localization Issues](#)

[What's Ahead](#)

[Related Reading](#)

[Chapter 9. Securing Compact Framework Solutions](#)

[Executive Summary](#)

[Security Issues and Principles](#)

[Securing the Device](#)

[Securing the Application](#)

[Securing Communications](#)

[What's Ahead](#)

[Related Reading](#)

[Chapter 10. Packaging and Deployment](#)

[Executive Summary](#)

[Packaging and Deploying in the Compact Framework](#)

[Versioning in the Compact Framework](#)

[Packaging Compact Framework Applications](#)

[Deployment and Installation](#)

[What's Ahead](#)

[Related Reading](#)

[Chapter 11. Developer Challenges](#)

[Executive Summary](#)

[Issues and Challenges](#)

[Augmenting the Compact Framework](#)

[Measuring and Improving Performance](#)

[A Final Word](#)

[Related Reading](#)

[[Team LiB](#)]