

# Table of Contents

Introduction.....	1
What is This Book?.....	1
Who Should Read It?.....	1
Fusebox History.....	3
Fusebox Basics.....	6
Objectives.....	6
Standardization.....	6
Team Communication.....	6
Self-communication.....	7
Reduced Coding Time.....	7
Reduced Debugging Time.....	7
Reliability.....	8
Reusability.....	8
Focus.....	8
Coding Standards.....	9
Methodology.....	10
Coding Standards.....	12
Standard: Centralized Controller.....	13
What It Is.....	13
How It Works.....	13
Benefits.....	16
Standard: Unified Variable Scope.....	18
What It Is.....	18
How It Works.....	18
Benefits.....	19
Standard: Organized Circuits.....	20
What It Is.....	20
How It Works.....	20
Benefits.....	20
Standard: Application Roadmap.....	22
What It Is.....	22
How It Works.....	22
Benefits.....	24
Standard: Small, Focused Files (fuse types).....	26
What It Is.....	26
How It Works.....	26
Benefits.....	26
Standard: Code the Documentation.....	32
What It Is.....	32

How It Works.....	32
Benefits.....	33
Standard: Encapsulation.....	36
What It Is.....	36
How It Works.....	36
Benefits.....	37
Methodology Standards.....	39
Standard: Wireframe.....	40
What It Is.....	40
How It Works.....	40
Benefits.....	41
Standard: Prototype/Frontend.....	43
What It Is.....	43
How It Works.....	43
Benefits.....	44
Standard: Client Communication.....	46
What It Is.....	46
How It Works.....	46
Benefits.....	47
Standard: Architecture.....	49
What It Is.....	49
How It Works.....	49
Benefits.....	50
Standard: Code the Documentation.....	51
What It Is.....	51
How It Works.....	51
Benefits.....	54
Standard: Unit Testing.....	55
What It Is.....	55
How It Works.....	55
Benefits.....	55
Summary.....	57
Appendix A – Coding Summary.....	60
Appendix B – Methodology Summary.....	61
Appendix C - Fusebox Versions.....	62
Appendix D – Fusebox Glossary.....	64