Framework Design Guidelines: Conventions, Idioms, and Patterns for Reusable .NET Libraries

Krzysztof Cwalina, Brad Abrams

Framework Design Guidelines: Conventions, Idioms, and Patterns for Reusable .NET Libraries

Krzysztof Cwalina, Brad Abrams

Framework Design Guidelines: Conventions, Idioms, and Patterns for Reusable .NET Libraries
Krzysztof Cwalina, Brad Abrams
A new edition of this title is available, ISBN-10: 0321545613 ISBN-13: 9780321545619

"This book is an absolute must-read for all .NET developers. It gives clear do and don't guidance on how to design class libraries for .NET. It also offers insight into the design and creation of .NET that really helps developers understand the reasons why things are the way they are. This information will aid developers designing their own class libraries and will also allow them to take advantage of the .NET class library more effectively."
--Jeffrey Richter, author/trainer/consultant, Wintellect
"*Framework Design Guidelines* will help you in two important ways. First, any .NET developer will benefit from a greater understanding of the design principles that govern the .NET Base Class Library. Second, a deeper understanding of these principles will help you to create software that integrates well with the .NET environment. Quite frankly, this book should be on every .NET developer's bookshelf."
--Bill Wagner, founder and consultant, SRT Solutions, author of *Effective C#*
"Not since Brooks' *The Mythical Man Month* has the major software maker of its time produced a book so full of relevant advice for the modern software developer. This book has a permanent place on my bookshelf and I consult it frequently."
--George Byrkit, senior software engineer, Genomic Solutions
"This book is a must-read for all architects and software developers thinking about frameworks. The book offers insight into some driving factors behind the design of the .NET Framework. It should be considered mandatory reading for anybody tasked with creating application frameworks."
--Peter Winkler, senior software engineer, Balance Technology Inc.
"Frameworks are valuable but notoriously difficult to construct: Your every decision must be geared towards making them easy to be used correctly and difficult to be used incorrectly. This book takes you through a progression of recommendations that will eliminate many of those downstream 'I wish I'd known that earlier' moments. I wish I'd read it earlier."
--Paul Besly, principal technologist, QA
"Filled with information useful to developers and architects of all levels, this book provides practical guidelines and expert background information to get behind the rules. *Framework Design Guidelines* takes the already published guidelines to a higher level, and it is needed to write applications that integrate well in the .NET area."
--Cristof Falk, software engineer
Framework Design Guidelines: Conventions, Idioms, and Patterns for Reusable .NET Libraries teaches developers the best practices for designing system frameworks and reusable libraries for use with the Microsoft .NET Framework and WinFX. This book focuses on the design issues that directly affect the programmability of a framework, specifically its publicly accessible APIs.
This book can improve the work of any .NET developer producing code that other developers will use. An added benefit is a collection of annotations to the guidelines by various members of the Microsoft .NET Framework and WinFX teams, which provide a lively discussion of the motives behind the guidelines, along with examples of good reasons for breaking the guidelines.

Microsoft architects Krzysztof Cwalina and Brad Abrams offer guidelines for framework design from the top down. From their long experience and deep insight, you will learn

- The general philosophy of framework design
- Principles and guidelines that are fundamental to overall framework design
- Naming guidelines for the various parts of a framework, such as namespaces, types, and members
- Guidelines for the design of types and members of types
- Issues and guidelines that are important to ensure appropriate extensibilityin your framework
- Guidelines for working with exceptions, the preferred error reporting mechanism in the .NET Framework and WinFX
- Guidelines for extending and using types that commonly appear in frameworks
- Guidelines for and examples of common framework design patterns

Guidelines in this book come in four major forms: *Do*, *Consider*, *Avoid*, and *Do not*. In general, a *Do* guideline should almost always be followed, a *Consider* guideline should generally be followed, an *Avoid* guideline indicates that something is generally not a good idea, and a *Do not* guideline indicates something you should almost never do. Every guideline includes a discussion of its applicability, and most guidelines include a code example.

A companion DVD includes the *Designing .NET Class Libraries* video series, instructional presentations by the authors on design guidelines for developing classes and components that extend the .NET Framework. A sample API specification and other useful resources are also included.

↓ Download Framework Design Guidelines: Conventions, Idioms, ...pdf

▤ Read Online Framework Design Guidelines: Conventions, Idioms ...pdf

Download and Read Free Online Framework Design Guidelines: Conventions, Idioms, and Patterns for Reusable .NET Libraries Krzysztof Cwalina, Brad Abrams

From reader reviews:

Arlene Farmer:

This Framework Design Guidelines: Conventions, Idioms, and Patterns for Reusable .NET Libraries book is absolutely not ordinary book, you have it then the world is in your hands. The benefit you receive by reading this book is information inside this publication incredible fresh, you will get details which is getting deeper you read a lot of information you will get. That Framework Design Guidelines: Conventions, Idioms, and Patterns for Reusable .NET Libraries without we realize teach the one who studying it become critical in contemplating and analyzing. Don't end up being worry Framework Design Guidelines: Conventions, Idioms, and Patterns for Reusable .NET Libraries can bring once you are and not make your bag space or bookshelves' turn into full because you can have it in the lovely laptop even cellphone. This Framework Design Guidelines: Conventions, Idioms, and Patterns for Reusable .NET Libraries having great arrangement in word along with layout, so you will not experience uninterested in reading.

Jill Weber:

Now a day folks who Living in the era everywhere everything reachable by connect to the internet and the resources included can be true or not involve people to be aware of each information they get. How a lot more to be smart in acquiring any information nowadays? Of course the solution is reading a book. Examining a book can help men and women out of this uncertainty Information especially this Framework Design Guidelines: Conventions, Idioms, and Patterns for Reusable .NET Libraries book because book offers you rich data and knowledge. Of course the knowledge in this book hundred % guarantees there is no doubt in it you know.

Donald Rivera:

You can spend your free time to study this book this publication. This Framework Design Guidelines: Conventions, Idioms, and Patterns for Reusable .NET Libraries is simple to bring you can read it in the park, in the beach, train in addition to soon. If you did not get much space to bring often the printed book, you can buy the actual e-book. It is make you much easier to read it. You can save the book in your smart phone. And so there are a lot of benefits that you will get when one buys this book.

Nancy Barry:

This Framework Design Guidelines: Conventions, Idioms, and Patterns for Reusable .NET Libraries is brand new way for you who has intense curiosity to look for some information since it relief your hunger of knowledge. Getting deeper you upon it getting knowledge more you know or else you who still having tiny amount of digest in reading this Framework Design Guidelines: Conventions, Idioms, and Patterns for Reusable .NET Libraries can be the light food in your case because the information inside that book is easy to get by simply anyone. These books build itself in the form that is reachable by anyone, yep I mean in the e-book contact form. People who think that in e-book form make them feel drowsy even dizzy this e-book is

the answer. So there is no in reading a reserve especially this one. You can find what you are looking for. It should be here for you. So , don't miss that! Just read this e-book kind for your better life along with knowledge.

Download and Read Online Framework Design Guidelines: Conventions, Idioms, and Patterns for Reusable .NET Libraries Krzysztof Cwalina, Brad Abrams #HDG8NSF4TKW

Read Framework Design Guidelines: Conventions, Idioms, and Patterns for Reusable .NET Libraries by Krzysztof Cwalina, Brad Abrams for online ebook

Framework Design Guidelines: Conventions, Idioms, and Patterns for Reusable .NET Libraries by Krzysztof Cwalina, Brad Abrams Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Framework Design Guidelines: Conventions, Idioms, and Patterns for Reusable .NET Libraries by Krzysztof Cwalina, Brad Abrams books to read online.

Online Framework Design Guidelines: Conventions, Idioms, and Patterns for Reusable .NET Libraries by Krzysztof Cwalina, Brad Abrams ebook PDF download

Framework Design Guidelines: Conventions, Idioms, and Patterns for Reusable .NET Libraries by Krzysztof Cwalina, Brad Abrams Doc

Framework Design Guidelines: Conventions, Idioms, and Patterns for Reusable .NET Libraries by Krzysztof Cwalina, Brad Abrams Mobipocket

Framework Design Guidelines: Conventions, Idioms, and Patterns for Reusable .NET Libraries by Krzysztof Cwalina, Brad Abrams EPub