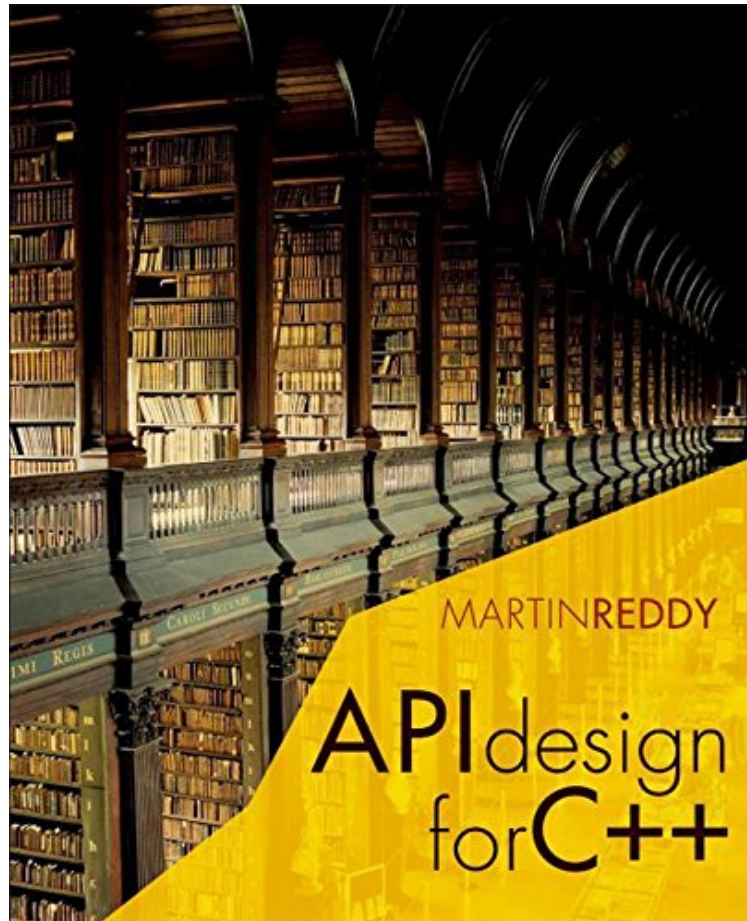


(Free and download) API Design for C++

## API Design for C++

Von Martin Reddy

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**Von Martin Reddy : API Design for C++** before purchasing it in order to gage whether or not it would be worth my time, and all praised API Design for C++:

KundenrezensionenHilfreichste Kundenrezensionen2 von 2 Kunden fanden die folgende Rezension hilfreich. Bin begeistertVon Rudolf GraubergerHabe mir das Buch vor einigen Monaten gekauft und zum groen Teil bereits durchgelesen.Bisher bin ich zwar nicht auf eine Welt-Neuheit an Wissen/Erkenntnis gestoen, aber ich wurde an viele Kleinigkeiten erinnert die man meistens ohne zu berlegen macht. In dem Buch werden schne und verstndliche Beispiele aufgefhr wie man eine API bauen sollte und was man besser weglassen sollte - obwohl es technisch mglich ist. Das Thema des Buches lsst sich in weiten Teilen auf das Thema "Einheitlichkeit" zusammenfassen. Aber es gibt in dem Zusammenhang soviel was man zu beachten hat (Einheitliche Benutzung, Namensgebung, Ablauf etc.) und in dem Buch werden die meisten der Punkte mit guten Beispielen erklrt.Ich wollte wissen wie man eine wartbare, lesbare und einheitliche API baut und das Buch hat mir aufjeden Fall sehr gut geholfen. Einige der Ratschlge muss ich erst in der Praxis ausprobieren und kann man sagen wie es sich anfhlt. Das Buch ist auf jeden Fall zu empfehlen und hat

meine Erwartungen an ein C++-Buch mit diesem Thema betroffen. 0 von 0 Kunden fanden die folgende Rezension hilfreich. Gut aber nichts neues. Von Lothar Wer bereits viel Erfahrung mit C++ Design hat kann getrost auf dieses Buch verzichten. Für alle anderen ist das die Gelegenheit all die Designkriterien auf einer Stelle direkt zu lernen. Das Wissen hier lässt sich bedingt (bis auf etwa 100 Seiten speziell für C++) auch für andere statisch typisierte Sprachen anwenden. 2 von 2 Kunden fanden die folgende Rezension hilfreich. Tolles Buch von Aigner Michael Das Buch ist wirklich sehr gut. Mir gefällt (im Gegensatz zu meinem Vorredner) die Mischung mit verschiedenen Gebieten wie z.B. Scripting sehr gut da es die verschiedenen Sichtweisen einer API gut widerspiegelt. Für Einsteiger und Fortgeschrittene empfehlenswert, da es einen sehr guten Überblick über die Thematik schafft. Kindle-Edition ist gut lesbar. Die Code-Teile springen zwar manchmal ein bisschen durch die Gegend - strukturiert aber meiner Meinung nach nicht so stark.

**Kurzbeschreibung** API Design for C++ provides a comprehensive discussion of Application Programming Interface (API) development, from initial design through implementation, testing, documentation, release, versioning, maintenance, and deprecation. It is the only book that teaches the strategies of C++ API development, including interface design, versioning, scripting, and plug-in extensibility. Drawing from the author's experience on large scale, collaborative software projects, the text offers practical techniques of API design that produce robust code for the long term. It presents patterns and practices that provide real value to individual developers as well as organizations. API Design for C++ explores often overlooked issues, both technical and non-technical, contributing to successful design decisions that produce high quality, robust, and long-lived APIs. It focuses on various API styles and patterns that will allow you to produce elegant and durable libraries. A discussion on testing strategies concentrates on automated API testing techniques rather than attempting to include end-user application testing techniques such as GUI testing, system testing, or manual testing. Each concept is illustrated with extensive C++ code examples, and fully functional examples and working source code for experimentation are available online. This book will be helpful to new programmers who understand the fundamentals of C++ and who want to advance their design skills, as well as to senior engineers and software architects seeking to gain new expertise to complement their existing talents. Three specific groups of readers are targeted: practicing software engineers and architects, technical managers, and students and educators. The only book that teaches the strategies of C++ API development, including design, versioning, documentation, testing, scripting, and extensibility. Extensive code examples illustrate each concept, with fully functional examples and working source code for experimentation available online. Covers various API styles and patterns with a focus on practical and efficient designs for large-scale long-term projects. **Pressestimmen** "Martin Reddy draws from his experience on large scale, collaborative software projects to present patterns and practices that provide real value to individual developers as well as organizations. "API Design for C++ "explores often overlooked issues, both technical and non- technical, contributing to successful design decisions that produce high quality, robust, and long-lived APIs." - Eric Gregory, Software Architect, Pixar Animation Studios ""Intended for programmers with intermediate to advanced skills in the C++ programming language, this guide to the building of useful and robust application programming interfaces (APIs) provides practical instruction for software engineers developing systems on which downstream software engineers depend. The work provides a methodical approach to API design covering solution based API design, performance, versioning, documentation, testing, scripting, extensibility and libraries. The work includes numerous illustrations and code examples and access to additional online resources is provided. Reddy is a software development consultant."--"Book News, Reference Research" Martin Reddy draws from his experience on large scale, collaborative software projects to present patterns and practices that provide real value to individual developers as well as organizations. API Design for C++ explores often overlooked issues, both technical and non-technical, contributing to successful design decisions that produce high quality, robust, and long-lived APIs. - Eric Gregory, Software Architect, Pixar Animation Studios "Intended for programmers with intermediate to advanced skills in the C++ programming language, this guide to the building of useful and robust application programming interfaces (APIs) provides practical instruction for software engineers developing systems on which downstream software engineers depend. 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