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## Sommario/riassunto

Get up to date quickly on the new changes coming with C++17  
Professional C++ is the advanced manual for C++ programming.  
Designed to help experienced developers get more out of the latest  
release, this book skims over the basics and dives right in to exploiting  
the full capabilities of C++17. Each feature is explained by example,  
each including actual code snippets that you can plug into your own  
applications. Case studies include extensive, working code that has  
been tested on Windows and Linux, and the author's expert tips, tricks,  
and workarounds can dramatically enhance your workflow. Even many  
experienced developers have never fully explored the boundaries of the  
language's capabilities; this book reveals the advanced features you  
never knew about, and drills down to show you how to turn these  
features into real-world solutions. The C++17 release includes  
changes that impact the way you work with C++; this new fourth  
edition covers them all, including nested namespaces, structured  
bindings, `string_view`, template argument deduction for constructors,  
parallel algorithms, generalized sum algorithms, Boyer-Moore string  
searching, string conversion primitives, a filesystem API, clamping  
values, optional values, the variant type, the any type, and more. Clear  
explanations and professional-level depth make this book an  
invaluable resource for any professional needing to get up to date  
quickly. Maximize C++ capabilities with effective design solutions  
Master little-known elements and learn what to avoid Adopt new  
workarounds and testing/debugging best practices Utilize real-world  
program segments in your own applications C++ is notoriously  
complex, and whether you use it for gaming or business, maximizing  
its functionality means keeping up to date with the latest changes.  
Whether these changes enhance your work or make it harder depends  
on how well-versed you are in the newest C++ features. Professional  
C++ gets you up to date quickly, and provides the answers you need  
for everyday solutions.

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