# C++ Coding Standards: 101 Rules, Guidelines, and Best Practices

By Herb Sutter, Andrei Alexandrescu

Pearson Education (US). Paperback. Book Condition: new. BRAND NEW, C++ Coding Standards: 101 Rules, Guidelines, and Best Practices, Herb Sutter, Andrei Alexandrescu, Consistent, high-quality coding standards improve software quality, reduce time-to-market, promote teamwork, eliminate time wasted on inconsequential matters, and simplify maintenance. Now, two of the world's most respected C++ experts distill the rich collective experience of the global C++ community into a set of coding standards that every developer and development team can understand and use as a basis for their own coding standards. The authors cover virtually every facet of C++ programming: design and coding style, functions, operators, class design, inheritance, construction/destruction, copying, assignment, namespaces, modules, templates, genericity, exceptions, STL containers and algorithms, and more. Each standard is described concisely, with practical examples. From type definition to error handling, this book presents C++ best practices, including some that have only recently been identified and standardized-techniques you may not know even if you've used C++ for years. Along the way, you'll find answers to questions like * What's worth standardizing--and what isn't? * What are the best ways to code for scalability?* What are the elements of a rational error handling policy? * How (and why) do you avoid...

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