<<C专家编程>>

图书基本信息

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内容概要

《C专家编程》展示了最优秀的C程序员所使用的编码技巧，并专门开辟了一章对C++的基础知识进行了介绍。
书中C的历史、语言特性、声明、数组、指针、链接、运行时、内存以及如何进一步学习C++等问题进行了细致的讲解和深入的分析。
全书撷取几十个实例进行讲解，对C程序员具有非常高的实用价值。

作者简介

Peter van der Linden是一名软件开发工程师及作者。
他曾在Sun公司和苹果公司工作多年，并撰写了一系列有关C语言、Java语言及Linux操作系统的技术图书，目前他是摩托罗拉公司的Android技术推广。

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书籍目录

章节摘录

版权页： 插图： The SunOS development team is justly proud of our lint—clean kemel.We'd paid a lot of attention to getting the 4.x kemel to pass through lint with no errors，and we kept it that way.When we changed our source base from BSD UNIX to SVR4 in 1991，we inherited a new kernel whose lrnt status was unknown.We deaded to lint the SVR4 kernel. This achvity took place over several weeks and was known as the"lint party."It yielded about 12，000 unique lint warnings，each of which had to be investigated and corrected manually.By the end，changes had been made to about 750 source files，and the task had become known as"the lint merge from hell".Most of the lint messages just needed an expliat cast，or lint comment，but there were several real bugs shaken out by the process：Argument types transposed between function and call A function that was passed one argument，but expected three，and took junk off the stack. Finding this cured an intermittent data corruphon problem in the streams subsystem. Variables used before being set. The value is not just in removing existing bugs，but in preventing new bugs from contaminating the source base，We now keep the kemel lint—clean by requiring au source changes or additions to be run through lint and cstyle.In this way we have not only removed existing bugs，but are reducing the number of future bugs as well. Some programmers strenuously object to the idea of putting lint back into the compiler on the grounds that it slows the compiler down and produces too marty spurious warnings.Unfortunately，experience has proven repeatedly that making lint a separate tool mostly results in lint not being used. The economics of software is such that the earlier in the development cycle a bug is found，the cheaper it is to fix.So it is a good investment to have lint（or preferably the compiler itself）do the extra work to find problems rather than the debugger；but better a debugger find the problems than an internal test group.The worst option of allis to leave the problems to be found by customers.

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编辑推荐

《C专家编程》是一本C语言经典著作，专家级的C编程指南，展示了最优秀C程序员的编码技巧。《C专家编程(英文版)》可以帮助有一定经验的C程序员成为C编程方面的专家，对于具备相当的C语言基础的程序员，本书可以帮助他们站在C的高度了解和学习C++。

名人推荐

即使你读过Andrew Koenig的《C陷阱与缺陷》，你还是应该看看Peter Van Der Linden的这本书。
我想，他们两人的书你都应该千方百计地搞到，如获至宝地捧读。
如果我是你的上司，这是必须的要求。
——Francis Glassborow，ACCU主席

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