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深入网络编程与开发
IT 企业和网络编程人员必备

The essential reference set for developing with
Microsoft® Windows® networking technologies

David Iseminger
Series Editor
www.iseminger.com



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**Windows® Sockets
and QOS**

Winsock 和 QOS

(影印版)

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Windows Sockets and QOS

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内 容 简 介

本书是 NETWORKING SERVICES DEVELOPER'S REFERENCE LIBRARY(微软网络编程与开发影印丛书)中的一本。Windows Sockets 2 (Winsock)和 Quality of Service(QOS)是 Windows 2000 所支持的两个联网标准,而本书讲述的就是关于这二者的重要标题性信息。Winsock 提供了访问多个传输协议的简单方法。使程序员能够创建高级 Web 以及和网络相关的应用程序,实现与协议元关的数据传送。而业界广泛采用的 QOS 使开发人员能够创建或改进任务必需的应用程序(无论网络状况怎样,这些应用程序在运行时总感觉状况良好)。

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前 言

在我们的生活和工作越来越离不开网络的今天，网络的速度、性能以及如何充分利用现有网络的容量都是至关重要的问题。Windows 2000 的几乎每一个新特性和新组件都必须直接或间接地使用网络。为了帮助用户最大限度地利用 Windows 2000 的网络特性，我们组织影印了这套 5 卷本的丛书，《微软网络编程与开发影印丛书》。本丛书可为编程人员提供完整的、考虑周全的参考资料。本丛书将最广泛使用的、最重要的和最及时的 Windows 网络技术信息搜集整理成册，便于开发人员开发更好的、与网络紧密集成的、在 Windows 平台上运行的应用程序。

本丛书的每一卷都侧重于 Windows 网络技术的不同领域，并结合 Windows 程序员的实际需要，精心编排了完整的索引，便于阅读和查找信息。本丛书的精心设计还有助于程序员方便地找到 Microsoft 的其他参考资料，包括印刷资料和电子版资料。每一本书还包括一个对整套丛书的概述，一个关于编程要素的附录，以及关于所引用的 Microsoft 技术的索引。但本丛书的内容远不止这些。本丛书是关于 Windows 网络特性、协议和服务的最佳资源。

本丛书的主编 David Iseminger 是 Microsoft 的独立顾问，作为网络和路由器性能分析师、通信专家和性能工具开发者，自 Windows NT 3.5 以来，他就一直从事 Windows NT 和 Windows 2000 的研究与开发工作。最近，他作为程序员，正在与开发人员文档组(Developer Documentation Group)一道，创建和维护 MSDN 建立的和新兴的网络技术，包括服务质量(Quality of Service)。作为计算机图书作家，David 的著作颇丰，包括他最新创作、Microsoft 出版的《Active Directory Services for Microsoft Windows 2000 Technical Reference》。David 毕业于华盛顿大学，现居住在华盛顿州的 Puget Sound 城。欲详细了解 David 的工作以及本丛书的其他作品，请访问站点：www.iseminger.com。

本丛书由以下 5 本书组成：

- 《Windows Sockets and QOS》(《Winsock 和 QOS》)
- 《Network Protocols and Interface》(《网络协议和接口》)
- 《RPC and Windows Networking》(《RPC 和 Windows 网络》)
- 《Remote Access Services》(《远程访问服务》)
- 《Routing》(《路由》)

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