

# Win32<sup>®</sup> Network Programming



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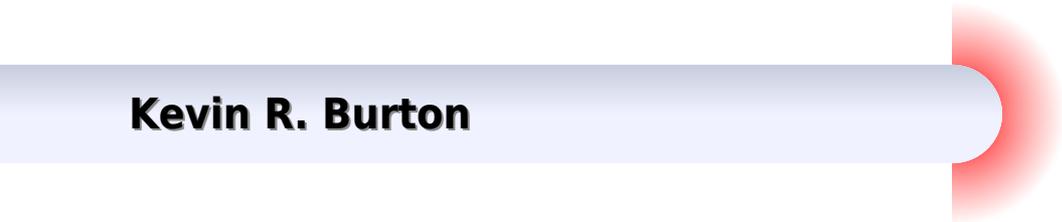


*Windows<sup>®</sup> 95 and  
Windows NT<sup>™</sup>  
Network  
Programming  
Using MFC*

RALPH DAVIS

# Win32 Network Programming

**Kevin R. Burton**



## **Win32 Network Programming:**

*Win32 Network Programming* Ralph Davis,1996 Learn to build applications that leverage new Win32 networking capabilities With this book Readers will the strengths and weaknesses of Windows 95 s new networking features how to take advantage of Windows 95 capabilities at the client end and strategies for building successful applications running on Windows and NT networks *Win32 Networking Programming* Ralph Davis,1996 **Windows NT Network**

**Programming** Ralph Davis,1994 This is a programmer s guide to Windows NT Microsoft s 32 bit operating system The guide features down to earth instruction on how to create applications for Windows NT networks details of Windows NT s networking functions the network programming interfaces and the input output services available and a disk which includes a network independent interface for Windows NT that will aid network application development **Win32** Ralph Davis,1996

**Integrating Linux and Windows** Mike McCune,2001 Annotation This clearly organized amiably written guide provides solutions for the interoperability issues that come up when Linux and Windows are used together including using Samba and Linux for file and print services implementing the best connectivity techniques providing reliable data exchange providing high performance cross platform database access via ODBC making the most of platform independent browser based applications and managing the two systems at the same workstation with boot managers partitioning compressed drives and file systems McCune is a consultant in Chicago Annotation c Book News Inc Portland OR booknews com **Win32 System**

**Programming** Johnson M. Hart,1997 This book shows experienced programmers primarily those familiar with UNIX how to write multi tasked and distributed applications for the new 32 bit Windows operating systems Windows NT and Windows 95 Distinguishing it from other Windows books that cover the graphical user interface elements of Windows this book focuses on core operating system resources such as memory processes files communication and security Net Common Language

Runtime Unleashed Kevin R. Burton,2002 The NET Framework provides a runtime environment called the Common Language Runtime which manages the execution of code and provides services that make the development of robust software easier The Common Language Runtime CLR provides a solid foundation for developers to build various types of applications Whether a developer is writing an ASP NET application a Windows Forms application a Web Service a mobile code application a distributed application or an application that combines several of these application models the CLR provides huge benefits such as simplified development and the ability to integrate code written in various languages This book is a high end comprehensive reference to the capability of the CLR The samples in the book have been written so that they not only illustrate a principle but give the reader a springboard to quickly translate the sample to practical real world applications After reading this book readers will be able to significantly increase their productivity by comfortably using the power and expressiveness of the Common Language Runtime in their applications This book will take the reader beyond the syntax of C to using and understanding the CLR to build secure maintainable and high performance applications Network

Programming with Microsoft Visual J++ 6.0 Andy Wilson,1999 The comprehensive guide to network application development with Java using Microsoft Visual J New Edition This book includes an overview of network programming for the Internet ways to use Visual J to employ and then extend the Java network package sample network applications and using C and Microsoft Foundation Class MFC Libraries to create a custom socket application

**C# Network Programming** Richard Blum,2002-12-31 On its own C simplifies network programming Combine it with the precise instruction found in C Network Programming and you ll find that building network applications is easier and quicker than ever This book helps newcomers get started with a look at the basics of network programming as they relate to C including the language s network classes the Winsock interface and DNS resolution Spend as much time here as you need then dig into the core topics of the network layer You ll learn to make sockets connections via TCP and connectionless connections via UDP You ll also discover just how much help C gives you with some of your toughest chores such as asynchronous socket programming multithreading and multicasting Network layer techniques are just a means to an end of course and so this book keeps going providing a series of detailed application layer programming examples that show you how to work with real protocols and real network environments to build and implement a variety of applications Use SNMP to manage network devices SMTP to communicate with remote mail servers and HTTP to Web enable your applications And use classes native to C to query and modify Active Directory entries Rounding it all out is plenty of advanced coverage to push your C network programming skills to the limit For example you ll learn two ways to share application methods across the network using Web services and remoting You ll also master the security features intrinsic to C and NET features that stand to benefit all of your programming projects

*The Guru's Guide to Transact-SQL* Ken Henderson,2000 A book CD ROM guide to mastering Microsoft Transact SQL and developing the best possible code Some 600 code examples not only illustrate important concepts and best practices but also provide working Transact SQL code that can be incorporated into real world DBMS applications Begins by explaining language fundamentals such as database and table creation then moves on to advanced topics such as OLE automation The CD ROM contains a set of code examples from the book plus a SQL programming environment Henderson is a nationally recognized consultant and leading DBMS practitioner Annotation copyrighted by Book News Inc Portland OR

**Sockets, Shellcode, Porting, and Coding: Reverse Engineering Exploits and Tool Coding for Security Professionals** James C Foster,2005-04-26 The book is logically divided into 5 main categories with each category representing a major skill set required by most security professionals

- 1 Coding The ability to program and script is quickly becoming a mainstream requirement for just about everyone in the security industry This section covers the basics in coding complemented with a slue of programming tips and tricks in C C Java Perl and NASL
- 2 Sockets The technology that allows programs and scripts to communicate over a network is sockets Even though the theory remains the same communication over TCP and UDP sockets are implemented differently in nearly ever language
- 3 Shellcode Shellcode commonly defined as bytecode converted from

Assembly is utilized to execute commands on remote systems via direct memory access 4 Porting Due to the differences between operating platforms and language implementations on those platforms it is a common practice to modify an original body of code to work on a different platforms This technique is known as porting and is incredible useful in the real world environments since it allows you to not recreate the wheel 5 Coding Tools The culmination of the previous four sections coding tools brings all of the techniques that you have learned to the forefront With the background technologies and techniques you will now be able to code quick utilities that will not only make you more productive they will arm you with an extremely valuable skill that will remain with you as long as you make the proper time and effort dedications Contains never before seen chapters on writing and automating exploits on windows systems with all new exploits Perform zero day exploit forensics by reverse engineering malicious code Provides working code and scripts in all of the most common programming languages for readers to use TODAY to defend their networks

**The National Guide to Educational Credit for Training Programs** American Council on Education,2005 Highlights over 6 000 educational programs offered by business labor unions schools training suppliers professional and voluntary associations and government agencies

**Windows Developer's Journal** ,1997 *Microsoft Encyclopedia of Networking* Mitch Tulloch,Microsoft Corporation,2000 Network administrators get A to Z detail about Microsoft networking technologies straight from the source This encyclopedia delivers essential coverage of Microsoft Windows NT Windows 2000 and the BackOffice RM family as well as third party products and general networking terminology providing comprehensive information for real world network administration Entries span the gamut from hardware to software from theory to practice and from current products to legacy systems Practical examples plus ample illustrations and screen shots help illuminate the concepts under discussion

*Integrating Personal Computers in a Distributed Client-server Environment* Raman Khanna,1995 Most organizations operate within three distinct computing domains mainframe based UNIX VMS MPE servers and desktops which are most often personal computers This book details methods for bringing these domains together into a cohesive enterprise wide distributed computing environment 28 experts in the field of distributed client server environments address the challenges involved with the integration of personal computers into the enterprise wide computer environment The issues of standards desktop management and document interchange are discussed as are the management strategies pertaining to cross platform systems and PC integration

**C/C++ Users Journal** ,2004 *Dr. Dobb's Journal* ,2000 *Networking Windows NT* John D. Ruley,1994-03-16 Written by an all star cast of writers and editors from Windows Magazine this comprehensive book covers how to design use and manage the Windows N T s built in advanced networking functions including the capability to link non NT machines to the NT network

Data Networks Tony Kenyon,2002-07-02 Data Networks builds on the foundation laid in Kenyon s first book High Performance Data Network Design with expanded coverage of routing security multicasting and advanced design topics such as performance optimization and fault tolerance Kenyon provides strategies for overcoming some of the most

challenging problems in network design and management He provides clear specific solutions for day to day problems facing network designers and IT managers In this book you will find optimization advice from an experienced practitioner that you can put to work in your own system As security and network performance become more and more critical to a company s success the system administrator s job becomes even more difficult Use the principles tips and techniques Kenyon offers here to enhance and protect the flow of data within your enterprise Covers Addressing Routing Multicasting and Quality of Service QoS design for enterprise network design Extensive coverage on relevant Security Technologies and Virtual Private Network VPN implementation Provides advanced coverage on Risk Assessment Availability Analysis Fault Tolerance Disaster Recovery and Network Optimization

**High-speed Networks and Internets** William Stallings,2002 William Stallings offers the most comprehensive technical book to address a wide range of design issues of high speed TCP IP and ATM networks in print to date High Speed Networks and Internets presents both the professional and advanced student an up to date survey of key issues The Companion Website and the author s Web page offer unmatched support for students and instructors The book features the prominent use of figures and tables and an up to date bibliography In this second edition this award winning and best selling author steps up to the leading edge of integrated coverage of key issues in the design of high speed TCP IP and ATM networks to include the following topics Unified coverage of integrated and differentiated services Up to date and comprehensive coverage of TCP performance Thorough coverage of next generation Internet protocols including RSVP MPLS RTP and the use of Ipv6 Unified treatment of congestion in data networks packet switching frame relay ATM networks and IP based internets Broad and detailed coverage of routing unicast and multicast Comprehensive coverage of ATM basic technology and the newest traffic control standards Solid easy to absorb mathematical background enabling understanding of the issues related to high speed network performance and design Up to date treatment of gigabit Ethernet The first treatment of self similar traffic for performance assessment in a textbook on networks Explains the mathematics behind self similar traffic and shows the performance implications and how to estimate performance parameters Up to date coverage of compression A comprehensive survey Coverage of gigabit networks Gigabit design issues permeate the book

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