10. More References

You've come this far, and now you're screaming for more! Where else can you go to learn more about all this stuff?

10.1. Books

For old-school actual hold-it-in-your-hand pulp paper books, try some of the following excellent books. I used to be an affiliate with a very popular internet bookseller, but their new customer tracking system is incompatible with a print document. As such, I get no more kickbacks. If you feel compassion for my plight, paypal a donation to beej@beej.us.

* TCP/IP Illustrated, volumes 1-3 by W. Richard Stevens and Gary R. Wright. Published by Addison Wesley. ISBNs for volumes 1, 2, and 3 (and a 3-volume set): 0201633469, 020163354X, 0201634953, (0201776316).
* TCP/IP Network Administration by Craig Hunt. Published by O'Reilly & Associates, Inc. ISBN 0596002971.

10.2. Web References

On the web:

* BSD Sockets: A Quick And Dirty Primer (Unix system programming info, too!)
* The Unix Socket FAQ
* Intro to TCP/IP
* TCP/IP FAQ
* The Winsock FAQ

And here are some relevant Wikipedia pages:

* Berkeley Sockets
* Internet Protocol (IP)

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43. http://beej.us/guide/url/unixnet1
44. http://beej.us/guide/url/unixnet2
45. http://beej.us/guide/url/intertcp1
47. http://beej.us/guide/url/intertcp3
52. http://beej.us/guide/url/advunix
55. http://pclt.cis.yale.edu/pclt/COMM/TCPIP.HTM
57. http://tangentsoft.net/wskfaq/
Transmission Control Protocol (TCP) 61
User Datagram Protocol (UDP) 62
Client-Server 63
Serialization 64 (packing and unpacking data)

10.3. RFCs
RFCs 65—the real dirt! These are documents that describe assigned numbers, programming APIs, and protocols that are used on the Internet. I've included links to a few of them here for your enjoyment, so grab a bucket of popcorn and put on your thinking cap:

RFC 1 66—The First RFC; this gives you an idea of what the “Internet” was like just as it was coming to life, and an insight into how it was being designed from the ground up. (This RFC is completely obsolete, obviously!)
RFC 768 67—The User Datagram Protocol (UDP)
RFC 791 68—The Internet Protocol (IP)
RFC 793 69—The Transmission Control Protocol (TCP)
RFC 854 70—The Telnet Protocol
RFC 959 71—File Transfer Protocol (FTP)
RFC 1350 72—The Trivial File Transfer Protocol (TFTP)
RFC 1459 73—Internet Relay Chat Protocol (IRC)
RFC 1918 74—Address Allocation for Private Internets
RFC 2131 75—Dynamic Host Configuration Protocol (DHCP)
RFC 2616 76—Hypertext Transfer Protocol (HTTP)
RFC 2821 77—Simple Mail Transfer Protocol (SMTP)
RFC 3330 78—Special-Use IPv4 Addresses
RFC 3493 79—Basic Socket Interface Extensions for IPv6
RFC 3542 80—Advanced Sockets Application Program Interface (API) for IPv6
RFC 3849 81—IPv6 Address Prefix Reserved for Documentation
RFC 3920 82—Extensible Messaging and Presence Protocol (XMPP)
RFC 3977[^3]—Network News Transfer Protocol (NNTP)
RFC 4193[^4]—Unique Local IPv6 Unicast Addresses
RFC 4506[^5]—External Data Representation Standard (XDR)

The IETF has a nice online tool for searching and browsing RFCs[^6].

[^6]: http://tools.ietf.org/rfc/