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Bryan Pfaffenberger

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By Bryan Pfaffenberger, Ph.D.

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Dedication

For Suzanne, always

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allow chained printing with continuous pagination and, in some cases, the generation of a complete table of contents and index for the linked files. See *master document.*

chaining A relaying operation in which e-mail messages are routed through several anonymous remailers to destroy any possibility of back-tracking the message's path. See *anonymous remailer.*

Challenge-Handshake Authentication Protocol See *CHAP.*

chamfer In desktop publishing (DTP) and presentation graphics, a beveled edge between two intersecting lines.

channel **1.** On Internet Relay Chat (IRC), a named, topically focused forum where you can chat in real time with other computers. Synonymous with *chat room.* **2.** In push media, a named link to a network-based transmitter to which a user can tune. For example, you can tune to Corel's channel to receive automatic updates to the company's Java version of its Corel Suite software.

channel access In local area networks (LANs), the method used to gain access to the data communication channel that links the computers. Three common methods are contention, polling, and token passing.

Channel Definition Format See *CDF.*

channel op (CHOP) On Internet Relay Chat (IRC), a person who possesses op (operator) privileges, including the right to kick unruly users out of the channel.

CHAP Acronym for Challenge-Handshake Authentication Protocol. In Internet dial-up services that use the Point-to-Point Protocol (PPP), a standard that prevents hackers from intercepting passwords. CHAP is used to verify the identity of the person logging on by using a three-way handshake. After the link is established, the service provider's computer sends a "challenge" message to the user's computer, which must then consult a "secret" stored on the user's computer, as well as on the service providers computer, but is never sent over the network. The user's computer then performs a calculation using the challenge as well as the secret. If the result does not match the service provider's calculation, the connection is terminated. This