Information servers
Internet access
Networks
Skills and resources
Miscellaneous

Index

Chapter 5: Directories of Resources on the Internet

Bulletin Board Services (BBSs)
Bitnet Sites
Campus Wide Information Systems (CWIS)
File Transfer Sites
Library Catalogs (OPACs)
Mailing Lists
Miscellaneous
Subject Resources

Chapter 6: Internet Organizations

Network Associations
Administrative Organizations
Network Information Centers (NIC)

Appendix A: Library-Oriented Lists and Electronic Serials (by Charles W. Bailey, Jr.)

Computer Conferences
- Lists that use Eric Thomas's List Server
- Lists that use Anastasios Kotsikonas's List Server
- Other lists
- Diane Kovacs's Directory

Electronic Serials

Appendix B: NSF Mid-Level and Other Large Networks

Acronyms list
NSF Mid-level Network Contacts

Appendix C: RFCs, FYIs, and STDs

RFC documents
FYI documents
STD documents

How to get RFC's
- Getting RFCs by e-mail
- Getting RFCs by FTP

Appendix D: Bibliography

Electronic mail
Ethics and security

What does Gopher look like?
Who developed Gopher software?
Veronica
What is Veronica?
How can you use Veronica?
Who created Veronica?
WAIS
What is WAIS?
What do WAIS servers contain?
How can you get WAIS software?
How can you find out more about WAIS?
World Wide Web
What is WWW?
How can you use WWW?
Who created WWW?

Software Tools for Libraries

HYTelnet
What is HYTelnet?
What systems does it include?
Will HYTelnet run on your computer?
What does HYTelnet look like?
How can you get HYTelnet?
Who developed HYTelnet?
CATALIST
What is CATALIST?
What does CATALIST do?
How can you get CATALIST?
Who created CATALIST?
LIBTEL
What is LIBTEL?
How can you use LIBTEL?
How can you get LIBTEL?
Who created LIBTEL?
Sample dialogue with LaUNChpad
LIBS
What is LIBS?
How can you use LIBS?
How can you get LIBS?
Who created LIBS?
What does LIBS look like?
(LIBS opening screens)

Subscribing to an Internet list
Sending a message to the list
Replying to an individual
Types of mailing lists
Usenet news groups
LISTSERV
Subscribing to a LISTSERV list
Sending a message to all subscribers
Replying to an individual

Telnet
Connecting to a remote computer
Disconnecting
Tips on using Telnet

File Transfer Protocol

What is FTP?
FTP files
Anonymous FTP
How to use FTP
FTP commands
Retrieving multiple files via FTP
Tips on using FTP
ASCII transfer OK
Binary transfer required

Directory Services

Domain name servers
Whois

On the Horizon

X.500
White Pages Projects

Information Servers

Archie
What is Archie?
Archie Documentation
Connecting to Archie
Archie servers
Making your Archie search easier
Archie's creators
Gopher
What is Gopher?
How do you use Gopher?
Where can you get your own Gopher client?

The Domain Name System
Domain name servers
Where to get information about the Internet

Security on the Internet

Acceptable use of the Internet
Using one account for many users
Protecting your own system

Chapter 2: How to Get Dial-Up Access to the Internet

Basic Equipment for Dial-Up Access

The computer and software
The modem
The telephone line

Arranging for an Account

"Direct" Connection with SLIP or PPP

What are SLIP and PPP?
Why use SLIP or PPP?
What special equipment is needed?

Chapter 3: Internet Service Providers Offering Dial-Up Access

How to Get the Current Lists of Providers

Using the Entries in This List

Local and Distant Services

Local connections
Long-distance connections
Public data networks

Dial-Up Access Provider List

Chapter 4: Networking Tools and Software Applications

Electronic Mail

Creating e-mail
Tips on e-mail etiquette and ethics
Internet e-mail addresses
Internet mailing lists

CONTENTS

Page

Introduction

Information sharing with global dimensions

Scope and Purpose of This Guide

Is this guide for you?
Why should librarians use the Internet?
What is the Internet?
What do you need to access the Internet?
How do you join the Internet?
How can you use the Internet once you are connected?
How can you get help?
Where is this guide available?
- In print
- Electronically

Chapter 1: About the Internet

What does Internet mean?
What does the Internet look like?
What are the basic services?
Which networks or computers are part of the Internet?
Who pays for the Internet?

Internet History

The ARPANET
The NSFNet
NREN-- the future of the Internet

Major Internet Networks Today

NSFNet
BITNET
USENET
MILNET

Internet Concepts

Protocols
TCP/IP
OSI
Internet addressing
Why are IP addresses important?

Mary E. Engle is a Systems Analyst at the University of California, Information Systems and Services, Division of Library Automation in Oakland, California.

William W. Jones, Jr., an Assistant Curator, Division of Libraries, is Head of the Catalog Maintenance Unit, Bobst Library, New York University.

Marilyn Lutz is a Systems Librarian at the Raymond H. Folger Library, University of Maine, Orono, Maine.

Genevieve Engel is an assistant in the MELVYL® User Services Group at the University of California, Information Systems and Services, Division of Library Automation in Oakland, California, and is a student in the School of Library and Information Studies, University of California, Berkeley..

Graphic Artist: Tom McNulty

The authors gratefully acknowledge the assistance of Mary Jean Moore, Tim O'Connor, Chet Grycz, Glee Willis, Jean Armour Polly, Michael Thwaites, Roy Tennant, Nancy Gusack, Mark Needleman, and Michael Urmann in producing this guide.

© 1993 American Library Association. All rights reserved.

The following are trademarks or service marks: Compuserve (H & R Block), DELPHI (General Videotex Corp.), DIALOG (DIALOG Information Services), Fido and FidoNet (Tom Jennings), GEnie (General Electric), Geographic Nameserver (Merit, Inc.), IBM and IBM PC (International Business Machines Corporation), Macintosh (Apple Computer, Inc.), MCI (MCI Telecommunications Corporation), Microsoft and MS (Microsoft Corporation), MELVYL (Regents of the University of California), Postscript (Adobe Systems Inc.), PSILink and PSINet (Performance Systems International), SprintNet and SprintLink (GTE Sprint), UNIX and AT&T (AT&T Bell Labs), VT100 and VT102 (Digital Equipment Corporation), Word Perfect (WordPerfect Corporation).

Internet Connections:

A Librarian's Guide to Dial-Up Access

and Use

Mary E. Engle, University of California

Marilyn Lutz, University of Maine

William W. Jones, Jr., New York University

Genevieve Engel, University of California