THE OFFICIAL ROADMAP to

<<<THE INFORMATION SUPERHIGHWAY>>>(Tm)

the Netsurfers Blessing

For Help on Help, Press F1

INTRODUCTION

With this book, you will be able to use the Information Superhighway to:

= Stay in touch with friends, relatives and colleagues around the
  world, at a fraction of the cost of phone calls or even air
  mail.

= Discuss everything from archaeology to zoology with people from
  around the world.

= Tap into hundreds of information databases and libraries
  worldwide.

= Retrieve any of thousands of documents, journals, books and
  computer programs.

= Stay up to date with wire-service news and sports, and
  government weather reports.

= Play live, "real time" games with dozens of other people at once.

For purposes of this book, you might want to think of the Information SuperHighway as a new technical combination of Telephone, Computers, soon Cable TV, all rolled up into a new kind of communications.   There are currently about 30 million people connected to the Internet and its growing at a rate of about 10% per month.   Thats another 3 million people or so joining it EACH MONTH.

You should also know that we are one of the first books of this kind.   Here you have a book you can read at your convenience on your computer screen.   We also support this book ONLINE with an ONLINE version.   All the information in this book is just the tip of the iceberg and we are constantly adding new information for you in our NETCENTER, the Center of the Internet. To get lots more of this kind of information just point your WWW browser to

http://netcenter.com
Were the Center of the Internet.

If you dont already have an Internet access account, just go to the section above about how to get Internet Access and youll find how you can get one up and running within a few minutes.

INTRODUCTION

Businesses are just now waking up to the enormous marketing potential   represented by the Internet - the Mother   of   all computer networks. In this chapter, we will start by briefly looking at   the history of the Internet so you   can   better understand the Internet culture and heritage.

Then we will see why so many major companies (computer related and not) are jumping on the Internet and beginning to reach whole new markets. We will cover the basic Internet functions that allow you to both receive and distribute information. We will consider just how many people are really on the Internet, how fast the user base is growing, and the user demographics to help you evaluate the marketing potential offered by the Internet. Then we will look at how some businesses are marketing over the Internet. Finally, we will help you answer the question, "Should we be marketing our products/services over the Internet?"

Part One

Let's get familiar with the TOP TEN most popular Internet services today:

* Electronic Mail
* Telnet 5
* File Transfer Protocol (FTP)
* Mailing Lists
* Usenet Newsgroups
* Gopher and Veronica
* The World Wide Web (WWW)
* Archie
* Wais
* IRC (Internet Relay Chat)

Electronic Mail

One very common use of computer networks (including the Internet and OnLine services) is for one user to send mail (e.g. a note written within a word processing program) to the computer mail box of another user. This function is called Electronic Mail or simply Email. If you have ever played "Telephone Tag" with someone you really wanted to talk to, you know how frustrating that can be. Email offers an alternative to telephone tag. When you send an Email message, the addressee's mailbox receives the message even if the addressee is not available. Later, when that person returns from their meeting, lunch, a coffee break or whatever, they look in their Email-box and receive the message. Figure 1.1 shows a screen from a typical Email session.

It is also quite easy to respond to an E-mail message sent to you because a return message can be automatically addressed and referenced with a couple of key strokes. You can respond immediately or wait for a more convenient time. Not
only can you send messages using Email but you can send also send computer files. Files are the electronic "containers" in which information is stored inside a computer system. For example, I sent computer files containing the chapters of this book to my publisher over the Internet using Email. Since computer files can contain any type of information, you can also send spread sheets, computer graphics, recorded sound, computer programs, video, etc. to anyone else or any group on the Internet via Email.

In addition to exchanging messages and computer files with another Internet user, Email allows you to send (or broadcast) a message or file to many people simultaneously - a very powerful feature. I use the Email feature quite often to send hundreds of messages to the same group of people, thus expanding the reach of my announcements from a few to

hundreds of similar recipients. For example, I have used Email to automatically send Press Releases to hundreds of Media outlets. We will teach you later how to use Email to distribute your Press Releases and sales literature to thousands of interested people who request this information from you as a result of the Internet promotions we will outline in Chapters 3, 4, and 5.

Once you get used to using Email, it's difficult to go back to the old-fashioned way of receiving messages via
the
telephone or what's often called "Snail Mail" - the US Postal Service. To me, it would be like going back to the way the Native Americans used Smoke Signals. It's very liberating to be able to go have lunch or play a round of golf and know that the important people in your life will be getting the Email message you sent them before you left and that their reply my be available to you upon your return all taking place at everyone's convenience. Oh sure, you can always use an answering machine to answer the phone, but Email is far more useful than an answering machine in many ways. For example, answering machines can't automatically respond to inquiries while you are away Email can.
With Email, I can effectively "handle" communications with hundreds, even thousands of people in a day without the use
of anything other than my own desktop computer. Try to do that with an answering machine or even with a staff of people.
Email is the Internet's most widely-used feature. But this is only because it takes new users a while to find the necessary software and learn how to use the other Internet functions. The software provided on the diskette in the back of this book gives you everything you need to use the Internet's Email function.
One of the most useful facilities of the Internet is Telnet. Figure 1.2 above is a picture of a typical Telnet session. The Internet's Telnet function provide a method of making your computer a terminal (a device used to interact with a computer) on any Telnet-compatible computer on the Internet. Telnet allows you to do anything any other user of that distant computer can do including execute programs, participate in OnLine "chat" sessions with other users, play games, send and receive files, etc. In most cases you are required to know the User ID (sign-on name recognized by the distant computer) and must be assigned a password (like a personal identification number, you might use on your automated teller machine card) to get into most Telnet systems. Conversely, you can use Telnet to allow people all over the world to gain access and work directly with your computer network as if they were in the same room on your keyboard.

The Telnet function is most often used to log onto a commercial service such as Netcom, an Internet Dial-Up
Provider of Internet services, and have the full benefit of all their services such as Newsgroups, Email, FTP, Finger, Wais, and more. With Telnet, you have the ability to have your local computer behave as if it were directly connected to the computer network at the other end. This can be very useful for technical support, or just gaining access to information in databases on the other end of the Telnet session.

Telnet provides a remote access to thousands of other computer services on the Internet. Libraries of information and huge databases (electronic repositories of information stored in a

computer) of research material are available through Telnet.
Each database may contain thousands of files you
can use on your computer.

Telnet is easy to learn and easy to use. If you want to learn how to use it, just log-in to your
Internet account (We will tell you all about how to get an account in Chapter 4 for
those who don't already have one) until you see the
prompt which should look something like "%" or "$" and is often blinking. When you see
the prompt, you can type Telnet and press the enter key. If you have this service a new
prompt will appear that looks like this: Telnet>. From here, you would type in the
address of the library, catalog or database you wanted to search. In this example, you
would type at the prompt, "open books.com" This is the address for an OnLine
bookstore called Books unlimited. At this point, you would see their menus with lots of
categories of book titles to search. When you have found what you want you can order
or, in many cases, retrieve the book, or publication over the phone lines to be read
at your convenience off-line.
Telnet lets you have a conversation have a conversation
with a server at the target machine. By default, this conversation is a login session; if you type
(netcom:521) telnet Mikes.stanford.EDU
you will see a login prompt. You can only log in if you have a user account on Mikes. You can
also use telnet to connect to other services; for example, you can get a weather report by
(netcom:53) telnet ad.merit.edu

If you need to telet into NETCOM from another machine on the internet, its address is netcom.
com.

FTP - File Transfer Protocol

FTP stands for File Transfer Protocol. Using FTP you can access an FTP server (another
computer on the Internet who is set up to offer information to other Internet users via the FTP
protocol) and actually become a user of that
distant computer as with Telnet. However, with FTP, the only thing you are allowed to do on
the FTP server is download files (copy files from the FTP server to your computer) or upload
files (copy a file from your computer to the FTP server).

As in Telnet, during an FTP session, once again, your Email address is the Password.
Most FTP sessions allow for Anonymous logon, ID. Once, connected you choose files
that you want transferred to you or from you to the other party. There must be an FTP Client on
one end, shown above, and an FTP Server at the other end of each session.

After you get to know FTP, you will likely find yourself using this feature of the Internet quite
often to transfer files (containing anything from news stories to Hubbell Space Telescope
images) from one computer to another. Many computer systems that won't let you use
the Telnet function will let you use FTP to upload and download files.

With some older FTP programs, you must still master a few commands (computer words
or phrases that instruct the computer to do something) involved when establishing

and conducting an FTP session. However, there are many newer FTP programs (including the FTP program provided on the diskette in the back of this book) available now for IBM compatible Personal Computers (running Microsoft Windows) and Apple Macintosh computers that make FTP as easy as using a word processor. With these new programs, the user merely uses a mouse to "point and click" at menu choices to establish FTP sessions. When used in conjunction with a computer program called ARCHIE, (Archie is merely a program that let's you type in a search word you use to search for things), you can use FTP to search thousands of databases all over the world for the file or files which contain the information you are looking for. Most directories (a list of the of files stored in the computer) have a special file called an Index File that you can open first that will tell you what information is contained in each file on that particular server. The software provided on the diskette in the back of this book gives you everything you need to participate in an FTP session.

Mailing Lists

A Internet mailing list is a file that stores a group of names (and associated Internet Email addresses) with a common interest in a particular topic. Once a mailing list is started, any Internet user can add his or her name and Email address to the list (called subscribing to the
list). By doing so, you are asking that you be included in the distribution of any information related to the mailing list's subject area. It's great because you just start getting lots of messages from your subscribers in your mail box and all of them, presumably, are interested in your product or service. Mailing lists are started by Internet users who wish to share information related to their particular area of interest with other Internet users.

As of this writing, there are about 100,000 mailing lists pertaining to virtually any subject imaginable - and the number of mailing lists is growing all the time. There are mailing lists used by scientists to keep each subscriber informed of scientific discoveries and theories. There are mailing lists used by government people to keep each other informed of important events. There are mailing lists used by computer technicians to learn more about the computers they work with. There is even a mailing list on how to make beer, even Japanese Beer, or Australian beer. Oftentimes, mailing list subscribers will spin off sub-lists to discuss a separate issue related to the original.

To subscribe to a list, you send Email to a list server - an automated computer program on the network whose job it is to allow Internet users to subscribe and unsubscribe to the list in question. When you find a list that interests you, you can subscribe by sending an e-mail message to the list owner's address. Your are then automatically added to the mailing list. From then on, you will automatically receive a copy (in your Email box) of any message posted to that list by any other subscriber of that list. It's like subscribing to an electronic newsletter to which everyone can contribute.

There are lists of people, reference lists of programs, documents and books and nearly anything else you can imagine.. There are even lists of lists! Once you subscribe to a mailing list, you can learn more about a mailing list's subject area
by reading the messages posted to them by others or by posting your questions and watching for responses from other list subscribers. Each time you go into a mailing list and read the messages left behind by others, you learn more and more about the people in the list and the issues most important to them as a group. We will tell you how to find

appropriate mailing lists for your business in Chapter 4.
I recently started a mailing list regarding advertising on the
Internet   and it is developing into one of my main projects for finding new customers for my services.   In
Chapter 4, we show you how to set up your own mailing lists to find people with the interests that identify them as good prospects   for your   products   or   services. If   you handle   your mailing list(s)   properly,   you can build it up to   eventually   have thousands   upon thousands   of subscribers   each   having demonstrated   an   interest in your mailing   list's topic   without   much   effort   on your   part.   These   mailing   list subscribers can be thought of as your prospects just as   you would   consider a mailing list that you purchase today   with Cheshire labels to paste onto your mass mailers.   You should consider   a mailing   list like your very   own   mass   mailer without the postage, printing or stuffing.
Creating   a mailing list has traditionally been a carefully guarded secret by the Internet Guru's and wizards, who would rather think of themselves as having superior knowledge than you.   We will   dispel all this secrecy, in   this   book,   in Chapter   4 and show you how
you can set up your own   mailing lists with your own rules of operation.
One   note of caution - you want to be careful as to how many mailing lists you subscribe to because they can become very big   and   you   may run out of hard drive space very quickly because   just one subscription can result in many messages coming   into your Email box each day.   A good rule of   thumb is   to   stay   clear of any list that is larger in megabytes than your   hard   drives   free   space,   or you'll   soon   be overwhelmed.   By   browsing in a   list first   to   read   the general   thread (stream of past messages) taking place,   you can   eliminate this   problem. The   Chameleon   Mail   Manager program   provided on the diskette included with   this   book allow   you   to subscribe, unsubscribe, and   participate   in Internet mailing lists.   In fact, the Chameleon Mail Manager is   one of the easiest to use programs for this purpose   on the Market today.   Other programs provided on the diskette will   allow you to retrieve many hundreds of other programs that   will   simplify your Internet experience in many ways. (See Appendix D for more on this subject.)

Usenet Newsgroups

Called Online Conferences by some, Usenet Newsgroups are just like mailing lists in usage and appearance. The only way   to tell   them apart is by the way they are accessed. Newsgroups are found   by using a Newsgroup Reader program provided   by the   Internet Service of choice. Mailing Lists are accessed via   Email.   Mailing Lists, since they are accessed by Email have a far larger potential audience of some 30 - 40 million Email users.   Newsgroups, since they are accessed only   with full Internet accounts have a far smaller potential audience of   only about 10 million Full Internet users with Newsgroup Readers   installed. Only   a   few   of   the more   popular Newsgroups   can have as many as 300,000 subscribers   at   any particular time.   A more common number for Newsgroups   would average   around 5,000 to 10,000 subscribers.   Mailing   Lists can frequently have millions of subscribers, and an average might be something like 20,000 to 50,000 subscribers.

Following is the list of the seven major Newsgroup categories making up the top level of this hierarchy. While there   are other   categories,   most of the major Newsgroups   are   found

within this seven categories. Each of these seven categories
has   hundreds or even thousands of sub-Newsgroups within the hierarchy.

COMP -   Computer related topics

MISC   -   Miscellaneous topics

REC   -   Recreation related topics

SCI   -   Science topics

SOC   -   Social related issues

TALK   -   Like Talk Radio - anything goes.

NEWS - News

ALT   - Alternate topics that don't fit in elsewhere.

This

category alone has   approximately 10,000 sub topics.

The COMP group above is divided into hundreds of sub-groups. You can get some idea as to the subject of a given sub-group by the   nature   of the Newsgroup's title.   For   example, the newsgroup   entitled "Comp.IBM.pc.multi-media" covers
multimedia issues as they relate to IBM personal computers.

As   with   mailing lists, you gain access to the   information distributed via Newsgroups by subscribing to that newsgroup. As   a subscriber, you can read messages read posted by other subscribers and leave messages for the other subscribers   to see.   Others,   in   the   group, doing the   same   thing   will eventually respond to your questions or comments.

There   are literally millions of messages added to   Internet Newsgroups daily.   Some groups are moderated, meaning   there is an administrator who filters through all the messages and only posts the ones he or she thinks appropriate to his/her group.   An   unmoderated newsgroup means that no one   is in charge   and   all messages left by group members are   posted. Newsgroups   are   very useful in learning   about   almost   any topic. If the society as a whole is interested in a subject, you can bet there is a Newsgroup devoted to that subject.

Mailing lists and Newsgroups are the best way to get your feet wet   in   the   Internet.   As soon as you   get   your   Internet Account, you should join appropriate Newsgroups to   see   how they   work and to see what kind of interests they   may   hold for   you   or your business.   The rules of Netiquette (jargon for   etiquette   on   the Internet) don't allow   you   to   post advertising   in   Newsgroups.   When it is done   anyway,   many subscribers   find it very annoying because   it's   like   junk mail   in   their   Email boxes and any single group   could be comprised by a hundred thousand people at a time.   Annoying your   potential customers is not a good way   to   start   your Internet   marketing efforts.   However,   there   are   ways   to carefully   and   effectively use Newsgroups   to   market   your products and/or services as we will see in a later chapter.

Gopher and Veronica

As the name implies, Gopher is a computer program designed to "go-for" things you ask for. The Gopher program is designed to   search   through Gopher Servers for the   information   you desire. A Gopher Server is a computer system resident on the Internet   that is set up to service the information requests issued by the Gopher program. Gopher servers house all kinds of information. For example, some bookstores maintain Gopher servers that provide information on the books they carry.

The Gopher program works best when it is used in
conjunction with another   program   called   Veronica   which provides   another method   for searching for information on   Gopher   servers. You   will   usually see Gopher teamed up with

some   kind   of
Gopher search program like Veronica because Gopher itself is merely a way to list information in an organized fashion. In Chapter   4,   you   will learn how to set up your   own   Gopher server containing   information   about your   products
and
services.

When   you   start up the Gopher program on your computer, it presents   you   with   a   list   of Gopher   servers   that are available to be searched. You then select the Gopher server of interest. If you pick the University of Illinois's Gopher server   for example, the Gopher program presents you with   a list   of   the   files   available to you on   the   University's Gopher server.

To demonstrate how a Gopher search works, let's look at a quick example.   I used the Gopher client on my computer to search for   books   about   the Microsoft's "Windows for Workgroups" computer   program.   All Gopher servers are linked   to   one another,   so   by   searching and browsing one Gopher   Server after another, I finally found the following notation   in   a booksellers   gopher   server: With   this hierarchy   on   the Internet, if you find one Gopher server, you will soon   find them all.
There was another choice presented to me by this Gopher server menu   where   I could fill out an order form and   order this book,   which   I did.   The bookseller asked for   my business information such as Name, Address, Shipping Address, Credit Card   Number   which I typed in and about a week later,   the book   arrived   via UPS.   This is but one   of many   ways   of marketing over the Internet you will learn how to   do   later in this book.

The Gopher services on the Internet are very popular because they are   very   easy to use and learn.   You don't have   to be   a genius   to   use   Gopher.   And it's quick so   you   can finds things   fast.   The Internet is not perfect and you may have difficulty   getting   into many Gopher servers   during highusage   periods.   This   is   probably   due   to   the
traffic congestion   caused when many users try to   access the   same Gopher   server or perhaps just due to the amount of traffic
on   the   Internet   in   general.   Peak   usage   times   usually coincide with normal business hours in North America. If you have trouble finding what you want or getting through to any particular   Gopher server on the Internet, don t   despair that   is   the nature of the Internet. Try again during   off peak hours (say a late-night session).

The Internet's Gopher service will probably expand and improve greatly   over   the   next few years   because   it   is a   very popular, intuitive, and useful tool. Everything on Gopher is presented   in   a logical, easy-to-use list of categories   or other   choices.   However, each time a new Gopher   server   is added   to the Internet, it must appear in the list of Gopher servers. This   means that the list may expand   one   day   to include thousands and even millions of computers making   the list   extremely   unwieldy.   For now, however,   it's   a   very useful and easy way to move around the Internet, going   from one particular project to another with very little effort or bother.

We will teach you in Chapter Four how to create a Gopher Server for   your   own   Marketing use.   One of   the   most important things   you   can   do   today   because   if   you have useful information to offer on your Gopher Server, it may be copied or   mirrored   by

thousands of other Gopher Servers   on   the Internet,   making it easier and easier for people   to find
your   information.   We will teach you how to use the
Gopher in your overall marketing plan. The programs provided on the diskette included with this book allow you to download   free copies   of the software needed to access Gopher servers   and start your own Gopher (See Appendix D). server.

The World Wide Web
The World Wide Web (also known as W3 or WWW) is newest and most significant development in the realm of the Internet. It   is also the fastest growing segment of the Internet as well   as the most user-friendly.   It can contain your text, pictures, video   and   sound   information where   all   other   Internet
Services are limited to text only.

As with other Internet services, the World Wide Web consists of a group   of   servers   on the network that   are   programmed   to handle your information requests. You need a special program called a WWW browser to interact with WWW servers. Mosaic is an   example   of a popular and easy-to-use (via   a   graphical user   interface) World Wide Web browser.   Mosaic was written by a group of college students at the University of Illinois and   is published as shareware which means that you can   get it at no charge (we show you how in Appendix D).

You can think of the WWW as a vehicle through which anyone can publish the electronic equivalent of   magazine pages. Then
any computer on the Internet equipped with a WWW browser can view   these   pages.   Like magazines pages,   WWW   pages   can present   pictures and text in an attractive, even   artistic, manner. It's the best form of electronic publishing   on   the Internet today.

One other interesting feature of a WWW "magazine page" is that the   publisher   can   build in links from one   WWW "magazine page"   to other WWW magazines so that the reader can easily navigate   through   multiple WWW "magazine pages" containing related   information. For example, my companies WWW   server (with   the   front   page   shown in   Figure   1.5) called   the NETCENTER   links to thousands of other publications   on   the Web.   That's why I called it the NETCENTER.

Chapter 5 is devoted to the World Wide Web and how you can market your   products or services by creating your own   World Wide Web   Server.   Over time, providing your own WWW server will likely   become the single most powerful way to   market your products and services on the Information SuperHighway.

In addition to Mosaic, there are currently plans for dozens of commercial   versions including Chameleon s   Mosaic   and   one called   Netscape by the original inventor of Mosaic sold   by his   new   business called Netscape Communications.   Netscape is   one of the nicest WWW browsers to hit the market so
far. Looking   farther down the road, there is a newer generation of   WWW   browsers coming from companies like Book   Link   who provide   you   with a universal browser than   can seamlessly handle Gopher, FTP, Veronica, Wais as well as World Wide Web browsing.   Look for more of these in the future   and   don't buy   anything   until you've   seen   how   this   new kind   of universal   Internet Viewer works. When   they   arrive,   they promise   to save money and make your more effective in   your overall understanding of the Web.

One of the first things you should do as soon as you get an Internet Account is to use the diskette in the back of this book to find other programs such as the ones we just mentioned and others throughout this book. The BookLink Universal Viewer can be downloaded via FTP ... at ftp.booklink.com Change to the /lite directory and you will find their Shareware version. (Don t worry all of this and more program downloading is included in Appendix D, How to use the Diskette in the Back of the Book! We obviously cannot fit everything we'd like you to have on the diskette in provided with this book. However, the programs provided on the diskette do allow you to download free copies of the software needed to access WWW servers and to start your own WWW server.)

A glance at the Internet's Future

The Internet today provides the world with a new kind of broadcast medium there for the asking. The Internet functions outlined in this chapter provide very powerful communications tools that you can use right now to market products and services as well as learn more about your customers. Today, the Internet's most popular feature is Email. The power to do much more is sitting there today and we are all slowly but surely learning how to use it. If you are a publisher, you can distribute your books in electronic form over the Internet. If you're a radio talk show personality, you can record a radio talk show, convert the recording to a computer file, and distribute it over the Internet. The possibilities are endless and it's really the combination of the power on our desktops as well as the power of the Internet that is what has captured the imaginations of so many people.

And while there is plenty of marketing you can do over the Internet today, the future of the Internet holds even greater promise. I expect that the Internet will evolve the same way that the Television Industry evolved in the 50's and 60's. In those days even television was alien, boring and difficult for many folks to understand. Now, we all have a remote control unit in our homes and the trusty TV has become like a member of the family. I believe the Internet is now in the early stages of a similar adoption cycle. There are will always be companies busy developing completely new ways of using the Internet, continually making it more user-friendly as Microsoft and others market newer and better Internet software. A good example of this is the Mosaic Windows browser that was just recently introduced and is already being used by millions of people to view the World Wide Web, the most graphical of all Internet systems. When these highly creative and technical people put their talents together, as happened with the TV industry in the 50's, only then will we start to see the full potential of the Internet.

Someday, using the Internet will be as easy as sitting on your sofa using your remote control to flip through channels or "channel surf" through its many services. We can do some interesting things with this power, such as show graphics and sell products, yes, but the real potential will come when we are all glued to our monitors the way we are all glued to our TV sets. I believe this is where our Entertainment as well as our Information SuperHighway is going. To coin a phrase as well as to better grasp this potential, one might call it the "Infotainment SuperHighway." If you start working on the Internet now, you will be better positioned to

effectively use new   Internet capabilities as the arise.

How fast is the Internet Growing?

Now that we have established our estimate of 20 million current Internet   users (not to mention 10 million more BBS users), we must consider the growth rate of the Internet to continue our assessment   of the marketing potential offered by   the Internet. One measure of the growth rate of the Internet   is the rate at which a copy of the popular Mosaic (the easy-touser   World   Wide Web browser) program is downloaded.   The World   Wide Web is the most commercial part of the Internet. This makes the proliferation rate of Mosaic a good indicator of the commercial usage growth of the Internet.

By all reports of services who track this sort of thing, about 10,000   people   request a copy of the Mosaic   program every day!   This amounts to a growing base of Internet users that is increasing   by   about 300,000 people   per   month! Now,
please don't forget that Mosaic is only one of several dozen World   Wide   Web   browsers alternatives in   wide-spread   use today.   There are now at least two dozen companies   soon to deliver   a   proprietary version of Mosaic.   There   are   also completely   different programs   that   accomplish   the   same thing, such as NETCRUISER from Netcom.

The growth of Mosaic is only an indicator of how fast World Wide Web   access   is   growing. You must first have   an Internet account   to   be able to use Mosaic.   Therefore, this growth rate   of   300,000 people per month is only in the number   of people   who can see the Internet in it's premier, graphical way.

I mention this figure because if you extrapolate backwards over the   preceding year or so for example, 300,000 new users per month represents over three and one half million   people out there who are just getting started exploring the World Wide Web.   And   remember that this is just one of the
Internet's many   areas   and   as such only represents a   subset of   the growth of the Internet.

Another way the Internet grows is via the growth of membership of the   Online Services Providers. As of this writing, American Online had tripled its membership in the preceding year and advertise that they have just crossed the million user mark. One   year   ago   they had only 300,000 members so   they   have experienced a massive growth rate of 300% per year.   All   of these   users   have   access to at least   Internet   Email   and Newsgroups - with more Internet capability coming along   all the time.

Compuserve currently boasts slightly over 2 million members and they   had   about   one million   a   year   ago.   Therefore, Compuserve   is growing at about 100% per year.   Prodigy has about   2 million users and they had about half that   many   a year ago.   So, they are also growing at about 100% per year. Another new service from Apple Computer, called Eworld,   is adding   thousands   of Macintosh users each   month   to   their roles.   Eworld could have as many as 5 million   subscribers in   a   couple   years because it will cater to the   Macintosh crowd.   Competition   may present a limiting   factor   to   the growth of these Online services. So far, however, the   rate of growth is actually expanding overall.

A smaller factor to consider, but an important one in terms of rate   of   growth   are the dial-up

Internet   providers.
The
Internet dial-up service providers such as Netcom and   UUnet
are   currently signing up about 500 new members per day per each   company!   There are about
100 of these companies that we know of in the world today, few of them, as big as Netcom and
UUNET, however.   Conservatively, we could put this   new direct dial-up figure at 100,000
more Internet accounts   per month.
Now,   here's the wild card in this   equation.   How
many   of   these new accounts are personal and how   many are businesses   each bringing in
multiple users   is unclear   at this time.

Still another engine for Internet growth is laying in the
wings, namely,   Bulletin   Board Systems (BBSes). Today,   there are about   50,000   BBS in
existence in the United   States alone (again,   we're   being   conservative.   I've   recently seen
numbers   as high as 70,000 in trade magazines). Remember, A BBS   is a computer system set
up by your local computer guru who   has   connected several phone lines to his computer   and
invites   people   to   call   him and use   his   local   computer services.   Many   people   got
their   first   introduction   to networking this way.   To do this, he must acquire a program,
called   a Bulletin Board program that allows multiple people to   call   in   on the phone lines
and meander throughout   his hard disk, simultaneously.
The   Bulletin Boards Systems will likely become part of   the Internet   in the near future
because it will provide   a   way for   more   users   to   conveniently access   their   BBSes   and
conversely   allow their users to get Internet   access   right through the BBS! However, very few
at this point in time are actually connected to the Internet in any way. To connect to a   Bulletin
Boards System, your computer   dials   the   phone number   and is connected via telephone lines
and   modems   to the   Bulletin Boards System computer in someone's office   or home.   These
range from hobbyist Bulletin Boards Systems   to professional ones such as EXEC-PC or
Channel 1.
If you consider Bulletin Board System to be a growth component of the   Internet,   you   have to
include all of   these   Bulletin Boards   Systems   (big   or   small)   when   considering
          the
Internet's   growth   rate.   Some of   the   larger   BBSes   have thousands of callers per day.
How much of it is repetition, the   same folks dialing back up the next day is not easy   to
determine.   This could arguably add another 10 - 15   million new   Internet users. Judging by
the 30 million   modems   that have   been sold in the last few years, I don t feel that   an
estimate of 10 million individual BBS users is anything   but conservative   also.   The BBS
trade magazines   all   use   this figure also.

The same thing is happening in the Internet technology, as we will   explain   more   fully as we
go   along.   Right   at   the moment,   we   have millions of people with modems   who   don't
want   to pay for the Internet connection but are willing   to pay   for   a   local   BBS   service to
get   the   same   kind   of information.   Most   of us are realizing that   the   Internet provides
much more than any BBS system and is priced   about the   same.   So,   we   re all gradually
moving   over   to   the Internet directly.   This is a gradual evolution and will not be   completed
overnight.   My estimate is that by the end
of 1996,   most   everyone will have made the jump.   Even if   it means   that the BBS operators
themselves connect up to   the Internet   and   bring their subscribers with   them in   mass. This

is happening too.

Thus,   the   last Internet growth area to consider and
quite possibly   the largest contributor to the Internet's growth,
is   the corporate connection.   When a new company signs onto the   Internet,   they usually
bring with them,   their entire employee population.   When a small company installs a   modem
onto   their   Local   Area Network, they   usually enable   all employees with computers to be
able to use this modem.   That means   that   even if there are only 5 - 10 users on   average for
each Local Area Network, our most conservative industry figure,   it   could   mean   that the
Internet   population   is doubling   or even tripling every
year!   If you look   at the growth   of all these facets of the Internet, the BBSes, the Online
services, the Internet itself, you come up with
an
average   growth rate of about 15% per MONTH, or   about 150% per year.

Remember, what's driving much of this growth is the desire to control costs and when you
consider that a single 60 Minute International   Phone connection costs about $40.00 and
                                                                        an
Internet Account would allow for thousands of these types of communications for about $30 per
month, you can   easily see why   most   if   not all business interests with any kind
of
market   exposure will be or are currently connected   to the Internet.

Remember, I will tell you in several places that the Internet is still in transition.   This means that
someday, we'll all be
using the same kind of networks, just as we all use the same kind   of   TV   broadcast signals all
over   the   world.   Yes, there's   European TV and there's North American TV   signals, but it
still winds up being TV programs that we all watch.

If the Internet is not yet at 20 million users, it soon will be based on any of these growth
estimates.   This is why I feel comfortable in using the 20 million figure.   In fact, it has been
said,   that at its present rate of growth, every man, woman   and   child on the face of the Earth
will have direct access   to the Internet by the year 2,000, five short
years away.   One   would   have   to conclude   that   since   this is
impossible,   the   rate of growth must   slow   down   somewhere between   now and then.   So
far, however, the rate of   growth is   increasing   every   month! No matter   what   figures
you choose to use, it s safe to say that the next generation   of Humanity   (arriving   now about
every 25   -   30   years)   will regard   the Internet as a basic 'Life Support' utility   like Heat,
Light, Food, Water.

The above are excerpts from my book, `Marketing on the Internet.' a   Proven   12 Step Plan to
Creating, Promoting and Marketing Your   Products and Services to the Millions of Users of   the
Information Superhighway.'
To order the rest of this book.

Call 800-989-6733 (mention Source 382)
Available in April a new book entitled, "Marketing on the Internet, a Step-By-Step Guide to

Marketing Your Products and Services on the Internet".   If you would like to learn about how to market your products on the Internet, this is the most complete book on the subject.   Published by
Maximum Press with over 400 pages of information on how to
create an Internet Presence for your company, with complete instructions and dozens of illustrations. Nothing left to the imagination.   Order now to reserve your copy due out in April 1995.   Order today, we will fill orders on a first-come, first-served basis.

This is the only book about Marketing on the Internet written by someone who is successfully marketing their products, not only their books, on the Internet, Mike Mathiesen, Founder of the Netcenter & with a Foreword by Vinton Cerf, the 'Father of the Internet'   If you have a product or service you would like to market on the Internet you need this book.

The book also contains a disk with SPRY's award winning "Mosaic on a Disk".   This program is complete with a dialer, a graphics viewer, an Internet Hotlist, and has everything required to set up an Internet account by typing 'Install'. Everything is automatic to log-on.   All other Internet Windows and Mac software provided at your first Home Page, the authors NETCENTER, filled with hundreds of updated references re: Marketing on the Internet from hundreds of different points of view on the Internet.   (Internet Provider is Compuserve Network, the most reliable of all Internet networks.   Cost is only $7.,95/mo with first month waived.)   This disk alone represents a $149 Retail Value.) Place your order now to be the first to receive the most comprehensive package on Internet Marketing so far.

To order:
Call 800-989-6733 (mention Source 382)

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Available April '95

To order INTERNET ON A DISK.   A complete Internet Account in one Phone   Call and the newest and fastest Mosaic Browser, call 800-664-9042   with a credit card.   The cost of the Diskette without   the book is $29.95   (includes Shipping & handling.) It   also   is included in the book, Marketing on the Internet for   free.   In retail stores this disk sells   for $99   and more.

In 1995 with the new version of Microsoft Windows, which has several new Internet devices connected to it, more on that later, the population of Internet Citizens will double, and triple by 1996!   That means no fewer than 90 million people on the Internet in just over a year or two.   If you have a small business, you need to find out how to address this new hi-tech market.

This newsletter will instruct how to get on the Information Superhighway, the Internet, How to use it as a beginner and then, after youve mastered the easy stuff, well be showing you how to find the most interesting and educational parts of the Internet, pointing out landmarks that can help you earn a living if you want to become part of this dynamic new form of electronic economy.   Subscribe today, so that you can begin your learning adventure right away.

The Editors

How to advertise on the net

WE CAN PUT YOUR COMPANY ON THE MAP...   THE MAP OF THE   INFORMATION SUPERHIGHWAY.   We are the NETCENTER, THE CENTER OF THE INTERNET.
This Official Roadmap to the Information Superhighway is only one way your products or services may be found.

We advertise you on the INFORMATION SUPERHIGHWAY in several different ways.   We now have 100,000 browsers per day in our InterActive Yellow Pages on the Netcenter.   This means we have one of the most highly trafficked locations for you.   Accept no Substitute, advertise in our Interactive Yellow Pages, in the Center of the Internet, the NETCENTER.   We still have special low introductory rates at a fraction of the other guys on the Net.

1.   If you have a catalog, let us put it on the Net.   Triple your sales volume, reach millions of people at low cost.

2.   If you have a product you can demonstrate, put it in our OnLine Trade Show, reach millions of people easily and demonstrate 24 hours a day, seven days a week.

3.   If you have any other kind of business, give us a call, we have a place for you in the NETCENTER, the Center of the Internet.

YOU CAN GO TO THE NETCENTER AND CHECK US OUT.

Just point your URL to: http://netcenter.com

CALL (916) 395-2240 if you want to advertise on the Net.
or Email to: infodir2u@aol.com

THE INTER-ACTIVE YELLOW PAGES

You should advertise in the Interactive Yellow Pages (Tm) in the Netcenter, the Center of the Internet.   The most faithful tried and true of American Directories, this is the ONLINE EDITION of the Directory of Directories.   When you want to find things fast, youll find it in the Interactive Yellow Pages.   We have 100,000 visitors per day, browsing through our Online Directory looking for products or services like yours.

Any company interested in the most modern and COST-EFFECTIVE way to reach millions of consumers should also look for this publication and call us to add your listing.   Fees start at only $50/mo.   To advertise either here in future versions of ROADMAP TO THE INFORMATION SUPERHIGHWAY or THE INTERACTIVE YELLOW PAGES.   --   Call (408) 423-8580.

VERBON   IS A NEW WORD FOR ELECTRONIC BOOK

WE define any electronic book or reference or magazine with any kind of InterActivity or input from the user as a Verbon.   Websters dictionary has yet to add this word to their publication. As Verbons become more and more popular, they will do so.

HOW TO BEGIN

Dial Ups

The Mosaic is a reader program that takes you anywhere on the World Wide Web and allows you to see the text as well as any graphics that have been posted by people anywhere.   Look for a Mosaic Reader available on Compuserve and many other places for you to use.

> FTP: File-transfer protocol -- access to scores of file
> libraries (everything from computer software to historical
> documents to song lyrics).   You'll be able to transfer
> these files from the Net to your own computer.
>
> Telnet: Access to databases, computerized library card
> catalogs, weather reports and other information services,
> as well as live, online games that let you compete with
> players from around the world.

Additional services that may be offered include:

> WAIS: Wide-area Information Server; a program that
> can search dozens of databases in one search.
>
> Gopher: A program that gives you easy access to dozens
> of other online databases and services by making
> selections on a menu. You'll also be able to use these
> to copy text files and some programs to your mailbox.
>
> IRC: Internet Relay Chat, a CB simulator that lets
> you have live keyboard chats with people around the
> world.
>
> Clarinet: News, sports, feature stories and columns
> from Universal Press International; Newsbytes computer
> news.

However, even on systems that do not provide these services directly, you will be able to use a number of them through telnet (see the TELNET chapter for more information on telnet).   Systems marked "Unix"   dump you right into Unix (a.k.a. "DOS with a college degree").
In most cases, this means you can also use the host system's various Unix functions.   The other systems use menus, which are generally much easier for beginners to navigate -- they are just like menus in restaurants, in which you decide what you want from a list of options.
Any unique features of a given system are noted. Some of these systems require you to use

parameters of 7-1-E, so if you get gibberish when you connect, try that. Most let you look around for awhile before you have to sign up.

Several of these sites are available nationwide through national data networks such as the CompuServe Packet Network and PC-Pursuit.

Please note that all listed charges are subject to change.

ALBERTA

Edmonton.   PUCNet Computer Connections, (403) 484-5640.   Unix.   Log on as: guest.

Charges: $20 a month for 20 hours of connect time, plus $5 an hour for access to ftp and telnet; $10 sign-up fee.

Voice help: (403) 448-1901.

CALIFORNIA

Berkeley.   Holonet. For free trial, modem number is (510) 704-1058. Boardwatch online news, USA Today.   For information or local numbers, call number below.

Charges: $60 a year for local access, $2 an hour during offpeak hours.

Voice help: (510) 704-0160.

Cupertino.   Portal.   Both Unix and menus.   (408) 725-0561, 725-1724 or (408) 973-8091.

Charges: $19.95 set-up fee, $19.95 a month.

Voice help: (408) 973-9111.

Encinitas.   Cyber Station, (619) 634-1376.   Unix.   Log on as: guest.

Charges: $20 a month for one hour a day; $10 setup fee.

Irvine. Dial N' CERF.   See under San Diego.

Los Angeles. Dial N' CERF.   See under San Diego.

Oakland. Dial N' CERF.   See under San Diego.

San Diego. Dial N' CERF USA, run by the California Education and Research Federation. Provides local dial-up numbers in San Diego, Los Angeles, Oakland and Irvine.   For more information, call voice (800) 876-CERF or (619) 534-5087.

Charges: $20 a month plus $10 an hour, with a one-time installation fee of $50.

OUR PERSONAL FAVORITE AND ON THE MAP.

San Jose. Netcom, (510) 865-9004 or 426-6860; (408) 241-9760; (415) 424-0131, up to 9600 baud. Unix.   Maintains archives of Usenet postings.   Log on as: guest.

New users get a written guide to using Netcom and the Net in general.   However, access to Net services beyond Usenet requires signature on a written "Network Agreement Form."

Charges: $15 start-up fee and then $17.50 a month for unlimited use if you agree to automatic billing of your credit-card account (otherwise $19.50 a month for a monthly invoice).

Voice help: (408) 554-UNIX.

San Jose.   A2i, (408) 293-9010. Unix. Log on as: guest.

Charges: $20 a month; $45 for three months; $72 for six months.

Sausalito.   The Whole Earth 'Lectronic Link (WELL), (415) 332-6106, up to 2400 baud.   Uses moderately difficult Picospan software, which is sort of a cross between Unix and a menu system.   New users get a written manual.   More than 200 WELL-only conferences.   Log on as: newuser.

Charges: $15 a month plus $2 an hour.   Access through the nationwide CompuServe Packet Network available for another $4.50 an hour.

Voice help: (415) 332-4335.   Recorded message about the system's current status: (800) 326-8354 (continental U.S. only).

COLORADO

Colorado Springs. CNS, (719) 570-1700.   Local calendar listings and ski and stock reports. USA Today.   Users can chose between menus or Unix. Log on as: new.

Charges: $1 an hour (minimum fee of $10 a month); one-time $35 set-up fee.

Voice help: (719) 579-9120.

Golden.   Colorado SuperNet.   Unix.   E-mail to fax service. Available only to Colorado residents. Local dial-in numbers   currently available in Ft. Collins, Denver/Boulder and Colorado Springs.   For dial-in numbers, call the number below.

Charges: $2 an hour ($1 an hour between midnight and 6 a.m.); one-time $20 sign-up fee.

Voice help: 303-273-3471.

ILLINOIS

Chicago. MCSNet, (312) 248-0900.   Unix.

Charges: $25/month or $65 for three months of unlimited access; $30 for three months of access at 15 hours a month.
Voice help: (312) 248-UNIX.

Peoria.   Peoria Free-Net, (309) 674-1100.   Similar to Cleveland Free-Net (see Ohio, below).   Users can "link" to the larger Cleveland system for access to Usenet and other services.   There are also Peoria Free-Net public-access terminals in numerous area libraries, other government buildings and senior-citizen centers.   Contact the number below for specific locations.   Full access (including access to e-mail) requires completion of a written application.
Charges: None.
Voice help: (309) 677-2544.

MARYLAND

Baltimore.   Express Access, (410) 220-0462 or (301) 220-0462. Unix.   Log on as: new.
Charges: $15 a month or $150 a year for e-mail and Usenet; $25 a month or $250 a year for complete Internet services (FTP, telnet, IRC, etc.).   This allows unlimited use between 3 a.m. and 3 p.m. and one hour between 3 p.m. and 3 a.m.   Access to Usenet, e-mail and Unix shell only is $15 a month/$150 a year.
Voice help: (301) 220-2020.

MASSACHUSETTS

Brookline.   The World,   (617) 739-9753. Unix, but with a large number of understandable online help files.   Huge collection of MS-DOS files, "Online Book Initiative" collection of electronic books, poetry and other text files.
Charges: $5 a month plus $2 an hour or $20 for 20 hours a month. Available nationwide through the CompuServe Packet Network for another $5.60 an hour.
Voice help: (617) 739-0202.

Lynn.   North Shore Access, (617) 593-5774.   Unix.   Log on as: guest.
Charges: $10 for a month for 10 hours; $1 an hour after that.
Voice help: (617) 593-3110.

Worcester.   NovaLink, (508) 754-4009.   Unix.   Log on as: info.
Charges: $12.95 sign-up (includes first two hours); $9.95 a month (includes five daytime hours), $1.80 an hour after that.
Voice help: (800) 274-2814.

MICHIGAN

Ann Arbor.   MSEN.   Contact number below for dial-in number.
Unix.
     Charges: $5 a month and $2 an hour, or $20 a month for 20 hours.
     Voice help: (313) 741-1120.

     Ann Arbor. Michnet. Unix. Has local dial-in numbers in several
Michigan numbers.   For local numbers, call voice number below.
     Charges: $35 a month plus one-time $40 sign-up fee.   Additional
network fees for access through non-Michnet numbers.
     Voice help: (313) 764-9430.

NEW HAMPSHIRE

     MV Communications, Inc.   For local dial-up numbers call voice line
below.   Unix.
     Charges: $5 a month mininum plus variable hourly rates depending on services used.
     Voice help: (603) 429-2223.

NEW YORK

     New York. Panix, (212) 787-3100.   Unix or menus.   Log on as:
newuser.
     Charges: $10 a month or $100 a year; one-time $40 fee.
     Voice help: (212) 877-4854.

     New York.   Echo, (212) 989-8411.   Unix and conferencing.   Log
on as: newuser. Local conferences.
     Charges: $19.95 ($13.75 students and seniors).
     Voice help: (212) 255-3839.

     New York.   MindVox, (212) 988-5030.   Log on as: guest. Local
conferences.
     Charges: $15 a month; $10 set-up fee for non-credit card accounts.
     Voice help: (212) 988-5987.

NORTH CAROLINA

     Charlotte.   Vnet Internet Access, (704) 347-8839.   Unix.   Log on
as: new.
     Charges: $25 a month or $259 a year.
     Voice help: (704) 374-0779.

     Triangle Research Park.   Rock Concert Net.   Call number below for
modem number.   Unix.
     Charges: $30 a month; one-time $50 sign-up fee.

Voice help: (919) 248-1999.

OHIO

Cleveland.   Cleveland Free-Net, (216) 368-3888.   IRC. USA Today, Ohio and US Supreme Court decisions, historical documents, many local conferences.   Full access (including access to e-mail) requires completion of a written application.
Charges: None.
Voice help: (216) 368-8737.
Cincinnati.   Tri-State Free-Net, (513) 579-1990.   Similar to Cleveland Free-Net. Full access (including access to e-mail) requires completion of a written application.
Charges: None.

Cleveland.   Wariat, (216) 481-9436 (2400 baud); (216) 481-9425 (higher speeds).   Unix, menus.
Charges: $35 a month or $200 for six months; $20 sign-up fee.
Voice help: (216) 481-9428.

Lorain.   Lorain County Free-Net, (216) 277-2359 or 366-9753.
Similar to Cleveland Free-Net.   Users can "link" to the larger Cleveland system for additional services.   Full access (including access to e-mail) requires completion of a written application.
Charges: None.
Voice help: (216) 366-4200.

Medina.   Medina Free-Net, (216) 723-6732, 225-6732 or 335-6732. Users can "link" to the larger Cleveland Free-Net for additional services.   Full access (including access to e-mail) requires completion of a written application.
Charges: None.

Youngstown.   Youngstown Free-Net, (216) 742-3072.   Users can "link" to the Cleveland system for services not found locally.   Full access (including access to e-mail) requires completion of a written application.
Charges: None.

ONTARIO

Toronto.   UUNorth.   Call voice number below for local dial-in numbers.   Unix.
Charges: $25 for 20 hours a month of offpeak use.
Voice help: (416) 225-8649.

OREGON

Beaverton.   Techbook, (503) 220-0636 (2400 baud); (503) 220-1016 (higher speeds). Unix.
Charges: $10 a month for 30 hours of "basic" Internet access or $90 a year; $15 a month for 30 hours of "deluxe" access or $150 a year. $10 sign-up fee for monthly accounts.

Portland.   Agora, (503) 293-1772 (2400 baud), (503) 293-2059 (9600 baud).   Unix. Log on as: apply
Charges: $6 a month for one hour per day.

PENNSYLVANIA

Pittsburgh.   Telerama, (412) 481-5302.   Unix.
Charges: $6 for 10 hours a month, 60 cents for each additional hour.

QUEBEC

Montreal.   Communications Accessibles Montreal, (514) 281-5601. Unix.
Charges: $25 a month.
Voice help: (514) 923-2102.

RHODE ISLAND

East Greenwich.   IDS World Network, (401) 884-9002.   In addition to Usenet, has conferences from the Fidonet and RIME networks. Supports QMAIL offline reader, which lets you read and respond to messages while not online.
Charges: $10 a month; $50 for six months; $100 for a year.

VIRGINIA

Norfolk.   Wyvern Technologies, (804) 627-1828 (Norfolk); (804-0662 (Peninsula).   Unix.
Charges: $15 a month or $144 a year; $10 sign-up fee.
Voice help: (804) 622-4289.

WASHINGTON, DC

The Meta Network.   Call voice number below for local dial-in numbers.   Caucus conferencing, menus.
Charges: $20 a month plus $15 sign-up fee.
Voice help: (703) 243-6622.

See also: listing under Baltimore, MD for Express Access.

WASHINGTON STATE

Seattle. Halcyon, (206) 382-6245.   Users can choose between menus and Unix.   Log on as: bbs.
Charges: $10 a month for Usenet and e-mail; $15 a month or $150 a
year for these and other Internet services (FTP, IRC, telnet, etc.).
Voice help: (206) 426-9298

Seattle.   Eskimo North, (206) 367-3837 (2400 baud), (206) 362-6731 (9600/14.4K baud).
Charges: $10 a month or $96 a year.
Voice help: (206) 367-7457.

If you don't live in a city with a public-access site, you'll
still be able to connect to the Net.   Several of these services offer
access through national data networks such as the CompuServe Packet
Network and PC-Pursuit, which have dozens, even hundreds of local
dial-in numbers across the country.   These include Holonet in
Berkeley, Calf., Portal in Cupertino, Calf., the WELL in Sausalito,
Calf., Dial 'N CERF in San Diego, Calf., the World in Brookline,
Mass., and Michnet in Ann Arbor, Mich.   Dial 'N CERF offers access
through an 800 number.   Expect to pay from $2 to $12 an hour to use
these networks, above each provider's basic charges.   The exact amount
depends on the network, time of day and type of modem you use.   For
more information, contact the above services.
Two other providers deliver Net access to users across the
country:
Delphi, based in Cambridge, Mass., is a consumer-oriented network
much like CompuServe or America On-Line -- only it now offers
subscribers access to Internet services.
Charges: $3 a month for Internet access, in addition to standard
charges.   These are $10 a month for four hours of off-peak (non-working hours) access a month
and $4 an hour for each additional hour or $20 for 20 hours of access a month and $1.80 an hour
for each additional hour.
For more information, call (800) 695-4005.
PSI, based in Reston, Va., provides nationwide access to Internet
services through scores of local dial-in numbers to owners of IBM and
compatible computers.   PSILink. which includes access to e-mail,
Usenet and ftp, costs $29 a month, plus a one-time $19 registration
fee.   Special software is required, but is available free from PSI.
PSI's Global Dialup Service provides access to telnet for $39 a month
plus a one-time $39 set-up fee.   For more information, call (800)
82PSI82 or (703) 620-6651.

Peter Kaminski maintains a list of systems that provide public access to

Internet services.   It's availble on the network itself, which obviously
does you little good if you currently have no access, but which can
prove invaluable should you move or want to find a new system.   Look for his "PDIAL" file in
the alt.bbs.lists or news.answers newsgroups in
Usenet (for information on accessing Usenet, (CLICK HERE TO see the USENET

----

the BLESSING

"As a net is made up of a series of ties, so everything in this world is connected by a series of ties.   If anyone thinks that the mesh of a net is an independent, isolated thing, he is mistaken.   It is called a net because it is made up of a series of interconnected meshes, and each mesh has its place and responsibility in relation to other meshes."

-- Buddha

HOW TO KEEP THE MAIL MOVING

KILLFILES

As you keep reading Usenet, you are going to run across things or people that really drive you nuts -- or that you just get tired of seeing.

Killfiles are just the thing for you. When you start your newsreader, it checks to see if you have any lists of words, phrases or names you don't want to see.   If you do, then it blanks out any messages containing those words.

Such as cascades.

As you saw earlier, when you post a reply to a message and include parts of that message, the original lines show up with a > in front of them.   Well, what if you reply to a reply?   Then you get a >> in front of the line.   And if you reply to that reply? You get >>>. Keep this up, and soon you get a triangle of >'s building up in your message.

There are people who like building up these triangles, or cascades.   They'll "respond" to your message by deleting everything you've said, leaving only the "In message 123435, you said:" part and the last line of your message, to which they add a nonsensical retort.   On and on they go until the triangle has reached the right end of the page. Then they try to expand the triangle by deleting one > with each new line. Whoever gets to finish this mega-triangle wins.

There is even a newsgroup just for such folks: alt.cascade. Unfortunately, cascaders would generally rather cascade in other newsgroups. Because it takes a lot of messages to build up a completed cascade, the targeted newsgroup soon fills up with these messages. Of course, if you complain, you'll be bombarded with messages about the First Amendment and artistic expression -- or worse, with another cascade. The only thing you can do is ignore them, by setting up a killfile.

There are also certain newsgroups where killfiles will come in handy because of the way they are organized.   For example, readers of rec.arts.tv.soaps always use an acronym in their subject: line for the show they're writing about (AMC, for example, for "All My Children").   This way, people who only want to read about "One Life to Live" can blank out all the messages about "The Young and the Restless" and all the others (to keep people from accidentally screening out messages that might contain the letters "gh" in them, "General Hospital" viewers always use "gh:" in their subject lines).

Both nn and rn let you create killfiles, but in different ways.

To create a killfile in nn, go into the newsgroup with the offending messages and type a capital K.   You'll see this at the bottom of your screen:

AUTO (k)ill or (s)elect (CR => Kill subject 30 days)

If you hit return, nn will ask you which article's subject you're
tired of. Chose one and the article and any follow-ups will disappear,
and you won't see them again for 30 days.
    If you type a lower-case k instead, you'll get this:

AUTO KILL on (s)ubject or (n)ame   (s)

If you hit your S key or just enter,   you'll see this:

KILL Subject: (=/)

Type in the name of the offending word or phrase and hit enter.
You'll then be prompted:

KILL in (g)roup 'eff.test' or in (a)ll groups   (g)

except that the name of the group you see will be the one you're
actually in at the moment.   Because cascaders and other annoying
people often cross-post their messages to a wide range of newsgroups,
you might consider hitting a instead of g.   Next comes:

Lifetime of entry in days (p)ermanent   (30)

The P key will screen out the offending articles forever, while
hitting enter will do it for 30 days.   You can also type in a number
of days for the blocking.
    Creating killfiles in rn works differently -- its default
killfile generator only works for messages in specific groups, rather
than globally for your entire newsgroup list.   To create a global
killfile, you'll have to write one yourself.
    To create a killfile in rn, go into the newsgroup where the
offending messages are and type in its number so you get it on your
screen. Type a capital K.   From now on, any message with that subject
line will disappear before you read the group. You should probably
choose a reply, rather than the original message, so that you will get
all of the followups (the original message won't have a "Re: " in its
subject line). The next time you call up that newsgroup, rn will tell
you it's killing messages. When it's done, hit the space bar to go
back into reading mode.
    To create a "global" kill file that will automatically wipe out
articles in all groups you read, start rn and type control-K.   This
will start your whatever text editor you have as your default on your
host system and create a file (called KILL, in your News

subdirectory).

On the first line, you'll type in the word, phrase or name you don't want to see, followed by commands that tell rn whether to search an entire message for the word or name and then what to do when it finds it.

Each line must be in this form

/pattern/modifier:j

"Pattern" is the word or phrase you want rn to look for.   It's case-insensitive: both "test" and "Test" will be knocked out.   The modifier tells rn whether to limit its search to message headers (which can be useful when the object is to never see messages from a particular person):

a: Looks through an entire message
h: Looks just at the header

You can leave out the modifier command, in which case rn will only look at the subject line of messages. The "j" at the end tells rn to screen out all articles with the offending word.

So if you never want to see the word "foo" in any header, ever again, type this:

/foo/h:j

This is particularly useful for getting rid of articles from people who post in more than one newsgroup, such as cascaders, since an article's newsgroup name is always in the header.

If you just want to block messages with a subject line about cascades, you could try:

/foo/:j

To kill anything that is a followup to any article, use this pattern:

/Subject: *Re:/:j

When done writing lines for each phrase to screen, exit the text editor as you normally would, and you'll be put back in rn.

One word of caution: go easy on the global killfile.   An extensive global killfile, or one that makes frequent use of the a: modifier can dramatically slow down rn, since the system will now have to look at every single word in every single message in all the newsgroups you want to read.

If there's a particular person whose posts you never want to see

again, first find his or address (which will be in the "from:" line of his postings) and then write a line in your killfile like this:

/From: *name@address\.all/h:j

promo2

HOW TO HANDLE NEWSGROUPS

Newsgroups are groups of thousands of people interested in the same subject.   You can learn lots from them.   The way to handle them is to remember first that if you join more than one you are going to get tons of mail because every message from each of the thousands of members comes to you.

To avoid this subscribe to one or two at first, experiment with it to see if its what you expected and then unsubscribe to it when they are no longer useful, saving yourself much time and disk space.

The list of news groups can be obtained in our next issue.   In that issue well have more info on how to subscribe or unsubscribe to any of them.

TELNET

TELNET

Hytelnet, at the University of Saskatchewan, is an online guide to hundreds of telnet sites around the world.
Telnet: access.usask.ca
Log in: hytelnet.

CONGRESS

The Library of Congress Information Service lets you search current and past legislation (dating to 1982).
Telnet: locis.loc.gov
Password: none needed.
When you connect, you'll get a main menu that lets you select from several databases, including the Library of Congress card catalog (with book entries dating to 1978) and a database of information on copyright laws.
For the congressional database, select the number next to its entry and hit enter.   You'll then be asked to choose which legislative year to search. After that, a menu similar to this will come up:

   ***C103- THE LEGISLATIVE INFORMATION FILE FOR THE 103RD CONGRESS,
            which was updated on 05/10/93 and contains 4,044 records,
            is now available for your search.

   CURRENCY: All information is NOT current through the above date, which is
            machine generated when ANY information is added to the file.
            Bill numbers, official titles, sponsors, and status (STEP) added
            within 48 hours.   Indexing terms and digests added later, in
            some cases several weeks after the bill is added to the file.

   TO START   RETRIEVE to find: EXAMPLES:
   SEARCH: member name -------------->   retrieve rep gingrich
                                                   retrieve sen kennedy

                bill number -------------->   retrieve h.r. 1
                subject keywords --------->   retrieve day care

   FOR HELP: Type the word HELP and press the ENTER key.

   READY FOR NEW COMMAND:

Cleveland Free-Net.   The first of a series of Freenets, this represents an ambitious attempt to bring the Net to the public.

Originally an in-hospital help network, it is now sponsored by Case
Western Reserve University, the city of Cleveland, the state of Ohio
and IBM. It uses simple menus, similar to those found on CompuServe,
but organized like a city:

```
        <<< CLEVELAND FREE-NET DIRECTORY >>>

            1 The Administration Building
            2 The Post Office
            3 Public Square
            4 The Courthouse & Government Center
            5 The Arts Building
            6 Science and Technology Center
            7 The Medical Arts Building
            8 The Schoolhouse (Academy One)
            9 The Community Center & Recreation Area
           10 The Business and Industrial Park
           11 The Library
           12 University Circle
           13 The Teleport
           14 The Communications Center
           15 NPTN/USA TODAY HEADLINE NEWS
        --------------------------------------------------
        h=Help, x=Exit Free-Net, "go help"=extended help

        Your Choice ==>
```

The system has a vast and growing collection of public documents,
from copies of U.S. and Ohio Supreme Court decisions to the Magna
Carta and the U.S. Constitution.   It links residents to various
government agencies and has daily stories from USA Today. Beyond
Usenet (found in the Teleport area), it has a large collection of
local conferences on everything from pets to politics.   And yes, it's
free!
        Telnet: freenet-in-a.cwru.edu or
                freenet-in-b.cwru.edu

        Whole Earth 'Lectronic Link (WELL). Itself a major Net access
point in the San Francisco area, the WELL is also a unique online
community that maintains dozens of conferences on every imaginable
topic (seven devoted just to the Grateful Dead).   WELL users are
intelligent and opinionated; discussions are often fast and furious.
The Electronic Frontier Foundation was basically started in a series
of online conversations on the WELL. Although it has a serious San
Francisco flavor, it has users from across the country (enough to
support both East Coast and Midwest conferences).

For its conferences, the WELL uses PicoSpan software, which presents messages differently than rn or nn.   When you enter a conference, you can call up a list of "topics."   Enter a topic number, and all of the messages start scrolling down the screen, sort of like the music on an old-fashioned player-piano.   There is some online help, but new users are sent a written manual. See Chapter 2 for information on access charges (one advantage to connecting to the WELL through telnet is that unless you live in the Bay Area, it is likely to be much cheaper than other access methods).

    Telnet: well.sf.ca.us

SUPREME COURT DECISIONS

The University of Maryland Info Database maintains U.S. Supreme Court decisions from 1991 on in its Government area.

    Telnet: info.umd.edu
    User name: info

FINGER

FINGER

      This is a handy little program which lets you tell others more about you -- and which you can sometimes use to find out more about people whose names you see on the Net.

      It uses the same concept as telnet or ftp. But it works with only one file, called .plan (yes, with a period in front).   This is a text file you create with a text editor in your home directory.   You can put your phone number in there, or your address, or anything at all.

      To finger somebody else's .plan file, type this at the command line:

      finger email-address

where email-address is the person's e-mail address.   You'll get back a display that shows the last time the person was online, whether they've gotten any new mail since that time and what, if anything, is in their .plan file.

HOW TO FIND PEOPLE AND GET FOUND EASILY

FINDING SOMEONE ON THE NET

So you have a friend and you want to find out if he has an Internet
account to which you can write?   The quickest way may be to just pick up the phone, call him
and ask him.   Although there are a variety of "white pages" services available on the Internet,
they are far from complete -- college students, users of commercial services such as CompuServe
and many Internet public-access sites, and many others simply won't be listed.   Major e-mail
providers are working on a universal directory system, but that could be some time away.

In the meantime, a couple of "white pages" services might give you
some leads, or even just entertain you as you look up famous people or
long-lost acquaintances.

The whois directory provides names, e-mail and postal mail address
and often phone numbers for people listed in it.   To use it, telnet to

internic.net

No log-on is needed.   The quickest way to use it is to type

whois name

at the prompt, where "name" is the last name or organization name you're looking for.

HOW TO FIND FILES

FTP   FILE TRANSFER PROTOCOL

        Hundreds of systems connected to Internet have file libraries, or
archives, accessible to the public. Much of this consists of free or
low-cost shareware programs for virtually every make of computer.   If you want a different
communications program for your IBM, or feel like playing a new game on your Amiga, you'll
be able to get it from the Net.
                    File Name: First Internet Video Series
                        Date: Monday, November 21, 1994

        But there are also libraries of documents as well.   If you
want a copy of a recent U.S. Supreme Court decision, you can find it on the Net.   Copies of
historical documents, from the Magna Carta to the Declaration of Independence are also yours
for the asking, along with a translation of a telegram from Lenin ordering the execution of
rebellious peasants.   You can also find song lyrics, poems, even
summaries of every "Lost in Space" episode ever made.   You can also find extensive files
detailing everything you could ever possibly want to know about the Net itself.   First you'll see
how to get these files; then
we'll show you where they're kept.
        The commonest way to get these files is through the file transfer
protocol, or ftp.   As with telnet, not all systems that connect to the
Net have access to ftp.   However, if your system is one of these, you'll
be able to get many of these files through e-mail (see the next chapter).
        Starting ftp is as easy as using telnet. At your host system's command line, type

            ftp site.name

and hit enter, where "site.name" is the address of the ftp site you want
to reach.   One major difference between telnet and ftp is that it is
considered bad form to connect to most ftp sites during their business
hours (generally 6 a.m. to 6 p.m. local time).   This is because
transferring files across the network takes up considerable computing
power, which during the day is likely to be needed for whatever the
computer's main function is.   There are some ftp sites that are
accessible to the public 24 hours a day, though.   You'll find these noted
in the list of ftp sites.
        How do you find a file you want, though?
        Until a few years ago, this could be quite the pain -- there was
no master directory to tell you where a given file might be stored on
the Net. Who'd want to slog through hundreds of file libraries looking
for something?
        Alan Emtage, Bill Heelan and Peter Deutsch, students at McGill
University in Montreal, asked the same question.   Unlike the weather,
though, they did something about it.

They created a database system, called archie, that would periodically call up file libraries and basically find out what they had available.

In turn, anybody could dial into archie, type in a file name, and see where on the Net it was available. Archie currently catalogs close to 1,000 file libraries around the world.

Today, there are three ways to ask archie to find a file for you: through telnet, "client" Archie program on your own host system or e-mail.   All three methods let you type in a full or partial file name and will tell you where on the Net it's stored.

 If you have access to telnet, you can telnet to one of the following addresses: archie.mcgill.ca; archie.sura.net; archie.unl.edu; archie.ans.net; or archie.rutgers.edu.   If asked for a log-in name, type

archie

and hit enter.

When you connect, the key command is prog, which you use in this form:

prog filename

followed by enter, where "filename" is the program or file you're looking for. If you're unsure of a file's complete name, try typing in part of the name. For example, "PKZIP" will work as well as "PKZIP201.EXE."   The system does not support DOS or Unix wildcards. If you ask archie to look for "PKZIP*," it will tell you it couldn't find anything by that name.   One thing to keep in mind is that a file is not necessarily the same as a program -- it could also be a document. This means you can use archie to search for, say, everything online related to the Beetles, as well as computer programs and graphics files.

A number of Net sites now have their own archie programs that take your request for information and pass it onto the nearest archie database -- ask your system administrator if she has it online. These "client" programs seem to provide information a lot more quickly than the actual archie itself! If it is available, at your host system's command line, type

archie -s filename

where filename is the program or document you're looking for, and hit enter.   The -s tells the program to ignore case in a file name and lets you search for partial matches. You might actually want to type it this way:

archie -s filename|more

which will stop the output every screen (handy if there are many sites
that carry the file you want).   Or you could open a file on your computer with your text-logging
function.
        The third way, for people without access to either of the above, is e-mail.
        Send a message to archie@quiche.cs.mcgill.ca. You can leave the
subject line blank.   Inside the message, type

        prog filename

where filename is the file you're looking for.   You can ask archie to
look up several programs by putting their names on the same "prog" line, like this:

        prog file1 file2 file3

        Within a few hours, archie will write back with a list of the
appropriate sites.
        In all three cases, if there is a system that has your file,
you'll get a response that looks something like this:

 Host sumex-aim.stanford.edu

        Location: /info-mac/comm
              FILE -rw-r--r--   258256   Feb 15 17:07   zterm-09.hqx
        Location: /info-mac/misc
              FILE -rw-r--r--   7490   Sep 12 1991   zterm-sys7-color-icons.hqx

        Chances are, you will get a number of similar looking responses
for each program.   The "host" is the system that has the file.   The

"Location" tells you which directory to look in when you connect to
that system.   Ignore the funny-looking collections of r's and hyphens
for now.   After them, come the size of the file or directory listing
in bytes, the date it was uploaded, and the name of the file.
        Now you want to get that file.
        Assuming your host site does have ftp, you connect in a similar
fashion to telnet, by typing:

        ftp sumex-aim.stanford.edu

(or the name of whichever site you want to reach). Hit enter.   If the
connection works, you'll see this:

  Connected to sumex-aim.stanford.edu.
  220 SUMEX-AIM FTP server (Version 4.196 Mon Jan 13 13:52:23 PST 1992) ready.

Name (sumex-aim.stanford.edu:adamg):

If nothing happens after a minute or so, hit control-C to return
to your host system's command line.   But if it has worked, type

          anonymous

and hit enter.   You'll see a lot of references on the Net to
"anonymous ftp." This is how it gets its name -- you don't really have
to tell the library site what your name is. The reason is that these
sites are set up so that anybody can gain access to certain public
files, while letting people with accounts on the sites to log on and
access their own personal files.   Next, you'll be asked for your
password.   As a password, use your e-mail address.   This will then come up:

          230 Guest connection accepted. Restrictions apply.
          Remote system type is UNIX.
          Using binary mode to transfer files.
          ftp>

Now type

          ls

and hit enter.   You'll see something awful like this:

          200 PORT command successful.
          150 Opening ASCII mode data connection for /bin/ls.
          total 2636
          -rw-rw-r--   1 0   31   4444 Mar   3 11:34 README.POSTING
          dr-xr-xr-x   2 0   1   512 Nov   8 11:06 bin
          -rw-r--r--   1 0   0   11030960 Apr   2 14:06 core
          dr--r--r--   2 0   1   512 Nov   8 11:06 etc
          drwxrwsr-x   5 13   22   512 Mar 19 12:27 imap
          drwxr-xr-x 25 1016   31   512 Apr   4 02:15 info-mac
          drwxr-x---   2 0   31   1024 Apr   5 15:38 pid
          drwxrwsr-x 13 0   20   1024 Mar 27 14:03 pub
          drwxr-xr-x   2 1077   20   512 Feb   6   1989 tmycin
          226 Transfer complete.
          ftp>

Let's decipher this BUNCH OF GIBBERISH.
First, ls is the ftp command for displaying a directory (you can
actually use dir as well, but if you're used to MS-DOS, this could lead
to confusion when you try to use dir on your host system, where it won't work, so it's probably

better to just remember to always use ls for a directory while online).

The very first letter on each line tells you whether the listing is for a directory or a file. If the first letter is a ``d,'' or an "l", it's a directory. Otherwise, it's a file.

The rest of that weird set of letters and dashes consist of "flags" that tell the ftp site who can look at, change or delete the file. You can safely ignore it. You can also ignore the rest of the line until you get to the second number, the one just before the date. This tells you how large the file is, in bytes. If the line is for a directory, the number gives you a rough indication of how many items are in that directory   -- a directory listing of 512 bytes is relatively small. Next comes the date the file or directory was uploaded, followed (finally!) by its name.

Notice the README.POSTING file up at the top of the directory. Most archive sites have a "read me" document, which usually contains some basic information about the site, its resources and how to use them.
Let's get this file, both for the information in it and to see how to transfer files from there to here. At the ftp> prompt, type

          get README
 and hit enter. Note that ftp sites are no different from Unix sites in general: they are case-sensitive. You'll see something like this:
   200 PORT command successful.
   150 Opening BINARY mode data connection for README (4444 bytes).
   226 Transfer complete. 4444 bytes received in 1.177seconds (3.8 Kbytes/s)

And that's it! The file is now located in your home directory on your host system, from which you can now download it to your own computer. The simple "get" command is the key to transferring a file from an archive site to your host system.

If the first letter on the line starts with a "d", then that is a directory you can enter to look for more files.   If it starts with an "r", then it's a file you can get.   The next item of interest is the fifth column, which tells you how large the item is in bytes.   That's followed by the date and time it was loaded to the archive, followed, finally, by its name.   Many sites provide a ``README'' file that lists simple instructions and available files.   Some sites use files named "Index" or "INDEX" or something similar.

If you want to download more than one file at a time (say a series of documents, use mget instead of get; for example:
          mget *.txt
This will transfer copies of every file ending with .txt in the given directory.   Before each file is copied, you'll be asked if you're sure you want it.   Despite this, mget could still save you considerable time -- you won't have to type in every single file name.

There is one other command to keep in mind.   If you want to get a copy of a computer program, type

bin

and hit enter.   This tells the ftp site and your host site that you are
sending a binary file, i.e., a program.   Most ftp sites now use binary
format as a default, but it's a good idea to do this in case you've
connected to one of the few that doesn't.
　　　To switch to a directory, type

cd directory-name

(substituting the name of the directory you want to access) and hit
enter. Type

ls

and hit enter to get the file listing for that particular directory.
To move back up the directory tree, type

cd ..

(note the space between the d and the first period) and hit enter.   Or
you could type

cdup

and hit enter.   Keep doing this until you get to the directory of
interest.   Alternately, if you already know the directory path of the
file you want (from our friend archie), after you connect, you could
simply type

get directory/subdirectory/filename

　　　On many sites, files meant for public consumption are in the pub
or public directory; sometimes you'll see an info directory.
　　　Almost every site has a bin directory, which at first glance
sounds like a bin in which interesting stuff might be dumped.   But it
actually stands for "binary" and is simply a place for the system
administrator to store the programs that run the ftp system. Lost+found
is another directory that looks interesting but actually never has
anything of public interest in them.
　　　Before, you saw how to use archie.   From our example, you can see
that some system administrators go a little berserk when naming files.
Fortunately, there's a way for you to rename the file as it's being
transferred. Using our archie example, you'd type

get zterm-sys7-color-icons.hqx zterm.hqx

and hit enter.   Instead of having to deal constantly with a file called
zterm-sys7-color-icons.hqx, you'll now have one called, simply,
zterm.hqx.

Those last three letters bring up something else: Many program files
are compressed to save on space and transmission time.   In order to
actually use them, you'll have to use an un-compress program on them first.

There are a wide variety of compression methods in use.   You can tell which method was
used by the last one to three letters at the end of a file. Here are some of the more common ones
and what you'll need to un-compress the files they create (and these decompression programs can
all be located through archie).

.TXT   By itself, this means the file is a document, rather than a
                  program. .DOC is another common suffix for documents. No
                  de-compression is needed, unless it is followed by

.Z   This is a Unix compression method.   To uncompress the file,
                  type

                        uncompress file.name.Z

                  and hit enter at your host system's command prompt. If it's a

                  text file, you can read it online by typing

                        zcat file.txt.Z | more

                  at your host system's command line. There is a Macintosh
                  program called MacCompress that you can use on your machine
                  if you want to download the file (use archie to find where
                  you can get it!). There's an MS-DOS equivalent, often found
                  as u16.ZIP, which means it is itself compressed in the ZIP
                  format.

ZIP   An MS-DOS format. Use the PKZIP package (usually found as
                  PKZ201.exe or something similar).

.ZOO   A Unix and MS-DOS format. Requires the use of a program
                  called zoo.

.Hqx   A Macintosh format that needs BinHex for de-compression.

.SHAR   A Unix format. Use unshar

.tar   Another Unix format, often used to compress several related
                   files into one big file. Use tar.   Often, a "tarred" file

will also be compressed with the .Z method, so you first have
to use uncompress and then tar.

.Sit   A Macintosh format, requires StuffIt.

.ARC   A DOS format that requires the use of ARC or ARCE.

A few last words of caution: Check the size of a file before you
get it.   The Net moves data at phenomenal rates of speed.   But that
500,000-byte file that gets transferred to your host system in a few
seconds could take more than an hour or two to download to your computer if you're using a
2400-baud modem.   Your host system may also have limits on the amount of bytes you can store
online at any one time.   Also, although it is really extremely unlikely you will ever get a file
infected with a virus, if you plan to do much downloading over the Net, you'd be wise to invest
in a good anti-viral program, just in case.

FTP SITES

What follows is a list of some interesting ftp sites, arranged by
category. With hundreds of ftp sites now on the Net, however, this list
barely scratches the surface of what is available.   Liberal use of archie
will help you find specific files.
The times listed for each site are in Eastern time and represent
the periods during which it is considered acceptable to connect.

AMIGA

ftp.uu.net   Has Amiga programs in the systems/amiga directory.
Available 24 hours.

ATARI

atari.archive.umich.edu   Find almost all the Atari files you'll ever
need, in the atari directory.
7 p.m. - 7 a.m.

BOOKS

pit-manager.mit.edu   The pub/usenet/rec.arts.books directories has
reading lists for various authors as well as lists of recommended
bookstores in different cities.   Unfortunately, this site uses incredibly
long file names -- so long they may scroll off the end of your screen if
you are using an MS-DOS or certain other computers.   Even if you want just one of the files, it
probably makes more sense to use mget than get.
This way, you will be asked on each file whether you want to get it;
otherwise you may wind up frustrated because the system will keep Telling you the file you want

doesn't exist (since you may miss the end of its name due to the scrolling problem).

    6 p.m. - 6 a.m.

HOW TO HANDLE A GOPHER

GOPHERS, WAISs AND THE WORLDWIDE WEB

Even with tools like Hytelnet and archie, telnet and ftp can still
be frustrating.   There are all those telnet and ftp addresses to
remember.   Telnet services often have their own unique commands.   And, oh, those weird
directory and file names!
But now that the Net has become a rich repository of information,
people are looking at ways to make it far easier to find all that data.
Gophers and Wide-Area Information Servers (WAISs) are two programs that could ultimately
make the Internet as easy to navigate as commercial networks like CompuServe or Prodigy.
Both programs essentially take a request for information and then
scan the Net for it, so you don't have to.   Both also work through
menus -- instead of typing in some long sequence of characters, you just move a cursor to your
choice and hit enter.   Newer gophers even let you select files and programs from ftp sites this
way.
Let's look at gophers first.
Many public-access sites now have gophers online.   To use one, type

gopher

at the command line and hit enter.   If you know your site does not have
a gopher, or if nothing happens when you type that, telnet to

consultant.micro.umn.edu

At the log-in prompt, type

gopher

and hit enter.   You'll be asked what type of terminal emulation you're
using, after which you'll see something like this:

Internet Gopher Information Client v1.03

Root gopher server: gopher.micro.umn.edu

--> 1.   Information About Gopher/
    2.   Computer Information/
    3.   Discussion Groups/
    4.   Fun & Games/
    5.   Internet file server (ftp) sites/
    6.   Libraries/

7. News/
8. Other Gopher and Information Servers/
9. Phone Books/
10. Search lots of places at the U of M   <?>
11. University of Minnesota Campus Information/

Press ? for Help, q to Quit, u to go up a menu   Page: 1/1

     Gophers are great for exploring.   Just keep making choices to see what pops up.   Play with it; see where it takes you.   Some choices will be documents.   When you read one of these and either come to the end or hit a lower-case q to quit reading it, you'll be given the choice of saving a copy to your home directory or e-mailing it to yourself.   Other choices are simple databases that let you enter a word to look for in a particular database.
     Notice that one of your choices is "Internet file server (ftp) sites."   Choose this, and you'll be connected to a modified archie program -- an archie with a difference.   When you search for a file through a gopher archie, you'll get a menu of sites that have the file you're looking for, just as with the old archie.   Only now, instead of having to write down or remember an ftp address and directory, all you have to do is position the cursor next to one of the numbers in the menu and hit enter.   You'll be connected to the ftp site, from which you can then choose the file you want, again just by making a choice in a menu.
     You'll be asked for a name in your home directory to use for the file, after which the file will be copied to your home system.   Unfortunately, this file-transfer process does not yet work with all public-access sites for computer programs and compressed files.   If it doesn't work with yours, you'll have to get the file the old-fashioned way, via ftp.

Then hit your q key to quit, and gopher will ask you if you want to save the file in your home directory on your public-access site or whether you want to e-mail it somewhere.

WORLDWIDE WEB

     Developed by researchers at the European Particle Physics
Laboratory in Geneva, the Worldwide Web is somewhat similar to a WAIS.
But it's designed on a system known as hypertext.   Words in one document are "linked" to other documents.   It's sort of like sitting with an encyclopedia -- you're reading one article, see a reference that
intrigues you and so you flip the pages to look up that reference.
     To try the Worldwide Web, telnet to

       info.cern.ch

No log in is needed.   When you connect, you'll see:

                        Welcome to CERN
The World-Wide Web: CERN entry point

CERN is the European Particle Physics Laboratory in Geneva, Switzerland.
Select by number information here, or elsewhere.

Help[1]   About this program

World-Wide Web[2]   About the W3 global information initiative.

CERN information[3]   Information from and about this site

Particle Physics[4]   Other HEP sites with information servers

Other Subjects[5]   Catalogue of all online information by subject. Also:
                           by server type[6] .

** CHECK OUT X11 BROWSER "ViolaWWW": ANON FTP TO info.cern.ch in
/pub/www/src

If you use this service frequently, please install this or any W3 browser on your own machine
(see instructions[7]). You can configure it to start

1-7, <RETURN> for more, Quit, or Help:

You navigate the web by typing the number next to a given
reference.   So if you want to know more about the web, hit 2.   This is
another system that bears playing with.

CLIENTS

If you are used to plain-vanilla Unix or MS-DOS, then the way these   gophers and WAISs
work seems quite straightforward.   But if you're used to a computer with a graphical interface,
such as a Macintosh, an IBM compatible with Windows or a Next, you'll probably regard their
interfaces as somewhat primitive.
There are, however, ways to integrate these services into your
graphical user interface.   In fact, there are now ways to tie into the
Internet directly, rather than relying on whatever interface your
public-access system uses.
There is now a growing number of these "client" programs for
everything from ftp to gopher.   PSI of Reston, Va., which offers
nationwide Internet access, in fact, requires its customers to use these
programs.
Using protocols known as SLIP and PPP, these programs communicate with the Net using
the same basic data packets as much larger computers online.
Beyond integration with your own computer's "desktop," client
programs let you do more than one thing at once on the net -- while your downloading a large
file in one window, you can be chatting with a friend through an Internet chat program in
another.

These client programs have a couple of disadvantages.   One is that you'll need a 9600-baud modem -- while it is possible to connect to the Net with them at lower speeds, you will likely find them painfully slow. Not all public-access sites are set up to allow such connections. And those that are usually charge far more for them.

Your system administrator can give you more information on setting up one of these connections.

HOW ABOUT A LITTLE CHIT-CHAT

INTERNET RELAY CHAT

      IRC is a program that lets you hold live keyboard conversations
with people around the world.   It's a lot like an international CB
radio   - it even uses "channels."   Type something on your computer and
it's instantly echoed around the world to whoever happens to be on the
same channel with you.   You can join in existing public group chats or
set up your own.   You can even create a private channel for yourself
and as few as one or two other people.   And just like on a CB radio,
you can give yourself a unique "handle" or nickname.
      IRC currently links host systems in 20 different countries, from
Australia to Hong Kong to Israel.
      Unfortunately, it's like telnet -- either your site has it or it   doesn't.   If your host system
does have it,   Just type

            irc

and hit enter.   You'll get something like this:

*** Connecting to port 6667 of server world.std.com
*** Welcome to the Internet Relay Network, adamg
*** Your host is world.std.com, running version 2.7.1e+4
*** You have new mail.
*** If you have not already done so, please read the new user information with
+/HELP NEWUSER
*** This server was created Sat Apr 18 1992 at 16:27:02 EDT
*** There are 364 users on 140 servers
*** 45 users have connection to the twilight zone
*** There are 124 channels.
*** I have 1 clients and 3 servers
MOTD - world.std.com Message of the Day -
MOTD - Be careful out there...
MOTD -
MOTD - ->Spike
* End of /MOTD command.

23:13 [1] adamg [Mail: 32] * type /help for help

You are now in channel 0, the null channel, in which you can look up various help files, but not
much else. As you can see, IRC takes over your entire screen.   The top of the screen is where
messages will

appear.   The last line is where you type IRC commands and messages.   All IRC commands begin with a /.   The slash tells the computer you are about to enter a command, rather than a message. To see what channels are available, type

/list

and hit enter.   You'll get something like this:

```
*** Channel      Users   Topic
*** #Money       1         School CA$H (/msg SOS_AID help)
*** #Gone        1         ----->> Gone with the wind!!!   ------>>>>>
*** #mee         1
*** #eclipse    1
*** #hiya        2
*** #saigon      4
*** #screwed    3
*** #z           2
*** #comix       1        LET'S TALK 'BOUT COMIX!!!!!
*** #Drama       1
*** #RayTrace   1         Rendering to Reality and Back
*** #NeXT         1
*** #wicca       4        Mr. Potato Head, R. I. P.
*** #dde^mhe`   1         no'ng chay? mo*? ...ba` con o*iiii
*** #jgm         1
*** #ucd         1
*** #Maine       2
*** #Snuffland 1
*** #p/g!        4
*** #DragonSrv 1
```

Because IRC allows for a large number of channels, the list might scroll off your screen, so you might want to turn on your computer's screen capture to capture the entire list.   Note that the channels always have names, instead of numbers.   Each line in the listing tells you the channel name, the number of people currently in it, and whether there's a specific topic for it.   To switch to a particular channel, type

/join #channel

where "#channel" is the channel name and hit enter.   Some "public" channels actually require an invitation from somebody already on it.   To request an invitation, type

/who #channel-name

where channel-name is the name of the channel, and hit enter.   Then ask someone with an @ next to their name if you can join in.   Note that whenever you enter a channel, you have to include the #.   Choose one with a number of users, so you can see IRC in action.

If it's a busy channel, as soon as you join it, the top of your screen will quickly be filled with messages.   Each will start with a person's IRC nickname, followed by his message.

It may seem awfully confusing at first.   There could be two or three conversations going on at the same time and sometimes the messages will come in so fast you'll wonder how you can read them all.

Eventually, though, you'll get into the rhythm of the channel and things will begin to make more sense.   You might even want to add your two cents (in fact, don't be surprised if a message to you shows up on your screen right away; on some channels, newcomers are welcomed immediately).   To enter a public message, simply type it on that bottom line (the computer knows it's a message because you haven't started the line with a slash) and hit enter.

Public messages have a user's nickname in brackets, like this:

If you receive a private message from somebody, his name will be between asterisks, like this:

For more information on using IRC, see the IRC command box.   You can find discussions about IRC in the alt.irc newsgroup.

SOME INTERESTING PLACES ON THE NET

Book Stacks Unlimited, of Cleveland, Ohio a great addition
to the Internet shopping mall. To connect: telnet books.com

Moe's Books of Berkeley, CA is an excellent used bookstore with over half a million titles
specializing in rare, antiquarian, remainders and
imported books. Available catalogs are photography, art monographs,
fine press/literature and illustrated children's books.   Contact them
through email: moesbooks@delphi.com

Future Fantasy, a bookstore of science fiction, fantasy, mystery and
horror, is now on the net. You can browse their catalog and place orders through the Web. Use
the URL:

    http://www.commerce.digital.com/palo-alto/FutureFantasy/home.html

+ Nebula Sci-Fi Bookstore is an alternative science fiction bookstore that is accessible through
electronic mail. To receive a catalog, send mail to 'nebula@cam.org' with the message subject
"catalog".

United Techbook Company of Longmont Colorado offers an online book service that
encompasses over a million titles. You can connect, search for titles, and order books by using
the command 'telnet utcbooks.com'
 T
for titles, and order books by using the command 'telnet utcbooks.com'
with the account 'utc' (the password is also 'utc').

There are a number of specialty bookstores available through the Whole
Earth 'Lectronic Link: type 'gopher gopher.well.sf.ca.us' and choose
'commercial services' to find FringeWare,   Extreme Books (catalog also
available via email at 'catalog@mailer.extremebooks.com') and Nebula
Books, an online science fiction bookstore in Canada.

Powell's Technical of Portland, Oregon offers new, used, and
antiquarian titles in fields including architecture, computing,
communications, engineering, math, and physics. You can contact
them through email: ping@technical.powells.portland.or.us

Infinity Link Network Services offers an online catalog of CDs, video
tapes, books, and laserdisks, all by connecting via telnet to
columbia.ilc.com - log in as 'cas' at the prompt.   Alternatively, use
gopher by typing 'gopher columbia.ilc.com'

//
FTP SITES!
\\

For those of you who don't know how to FTP:
The command is like this:
To FTP Project Gutenberg...
ftp mrcnext.cso.uiuc.edu
Once you are prompted for a login, do this:
On a UNIX, type anonymous.
On a VAX, type login anonymous.
Your password is your email address. It's a courtesy to the FTP server
to do this. Get used to it or make a macro.
List the contents of directories by hitting 'ls' or 'dir'.
If you use 'dir', you can tell which are directories by looking at the
far left. If the first letter at the far left is a d, it's a directory.
Otherwise, it's a file.
Change directories by hitting 'cd directoryname', where
directoryname is the name of the directory.
To get a non-text file (.ZIP, .Z, .sea, .LHA, .tar...), type bin before
the next step.
To get a file from the server to your account, type get filename.
Sometimes it takes a while. That's life.
Getting it from your account to your computer is someone else's problem.
:)

ftp mrcnext.cso.uiuc.edu
Project Gutenberg. The project is trying to distribute 1 trillion
volumes within a decade. Dozens of books have already been translated
into plain-vanilla text. Files are in /pub/etext.

ftp world.std.com
Online Book Initiative in /obi. Another very big site for text files.
All sorts of classic books and information.
Also, the Online Bookstore in /OBS. This will soon become a commercial
service where you pay for new books in plain-text form.

ftp wiretap.spies.com
Just look around. It's pretty self-explanatory.

ftp ftp.eff.org
The Electronic Frontiers Foundation site. Lots of text files on the
organization and legal questions about cyberspace.

ftp sound.usach.cl
A buncha sound files, cross-platform.

ftp ftp.microsoft.com
Home of the MS-DOS 6.2 Step-Up (peropsys/msdos/msdos6.2/stepup.exe), as
well as documentation on several Microsoft products.

ftp software.watson.ibm.com
Much the same as Microsoft's, but aiming more at OS/2.

ftp ftp.apple.com
Mac and A/UX stuff.

ftp ftp.novell.com
Unixware and NetWare.

ftp ftp.wordperfect.com
Drivers and add-ons for WordPerfect products.

###ftp chop.isca.uiowa.edu
The ISCA BBS Client is in /bbs-client/unix or /bbs-client/vax.

///
GOPHER!
\\\
Gopher is a graphical interface for the Internet. If you're new to the
Net, learn the Gopher tricks. You'll be glad you did.
Many machines already have gopher clients built in. To see if yours
does, try this:
gopher consultant.micro.umn.edu
If you don't have Gopher, you can use these to get in:
telnet consultant.micro.umn.edu, login gopher
telnet rs.internic.net

Special thanks to Gopher goddess Sue Steele for her assistance.

gopher consultant.micro.umn.edu
The first Gopher and the home of the Gopher project.

gopher info.monash.edu.au
Full of neat Gopher tricks. Look around a bit.

gopher mtv.com
Actually, it's Adam Curry's machine, not MTV's, but who cares?
It has lots of rock news and trivia.

gopher gopher.ora.com
O'Reilly and Associates site. Info on their Internet and other books.

gopher skynet.usask.ca
Go immediately to the Wrong Side of the Tracks. Do not pass go.

gopher gopher.loc.gov
Library of Congress Gopher. Plenty of American government information,
including LOCIS access.

gopher ietf.cnri.reston.va.us
Even more American political information, with press briefings and
Executive Orders online.

gopher debra.dgbt.doc.ca
Canadian Gopher. Access to several Canadian information servers.

gopher gopher.nlc-bnc.ca
The National Library of Canada Gopher.

\\\
OTHER SERVICES AND TIPS
///
Library of Congress
locis.loc.gov
192.160.13.1
Not only can you look at the world's most extensive card catalog, you
can search through and read pending legislation from as far back as the
1970's.

info.rutgers.edu
128.6.26.25
info
Quartz BBS' info system. Dictionary, thesaurus, Bible, Koran,
US Constitution, CIA World Fact Book and CD listing all online, just for
starters!

liberty.uc.wlu.edu
137.113.10.35
lawlib
Law library. Online guide to a few hundred or so sites with law info.

netinfo.berkeley.edu 117
128.32.136.12 117
Network Information. Nameservers, Bitnet and Internet help.

ukanaix.cc.ukans.edu
129.237.33.1
kufacts
Mostly about Kansas, but most notable for finding email addresses.

Weather Underground

downwind.sprl.umich.edu 3000
141.212.196.177 3000
Weather from the NWS for hundreds of cities.
Suggested that you know the 3-letter airport code to access the city...
LAX, BOS, etc..

SFI BBS
bbs.santafe.edu
192.12.12.6
bbs
A very serious, research-oriented BBS. It is requested that you only
use this BBS for work of some kind.

National Education BBS
nebbs.nersc.gov
128.55.128.90
new
Running EBBS (Pirate), this is a system dedicated to US educational
issues, and operated by the government.

ba.mgt.ncu.edu.tw
140.115.83.210
IRC server.

Current time (Mountain):
telnet india.colorado.edu 13

Presidential email address:
PRESIDENT@WHITEHOUSE.GOV
VICE.PRESIDENT@WHITEHOUSE.GOV

CHAPTER 10 -PAGE 2

Online Bookstores.

An interesting alternative to modern printed material is electronic
books, which are available for purchase through the aptly named
books, which are available for purchase through the aptly named
Lighthouse Online Bookstore.   Connect with gopher or WWW to awa.com.

Browse through Main Street of DownTown Anywhere until you find Lighthouse Books.   This is
a very interesting and innovative bookstore that has contracted with writers around the world for
selling very unique books you cannot find in print anywhere in the world.   Save Trees and get
more and more of your reading material from this unique source.

Browse through the menus until you find a book you would like to read.   The first half of
Lighthouse Books, or a reasonable portion of them at least are free for the reader to browse and
get the idea as to whether or not to purchase.   If you want to purchase, you will be prompted to
call an 800#, give your credit card information and the rest of the book will DE-ENCRYPT after
you pay for a Password.   This is the best way to ensure that authors of useful information are
paid for their time.   If you like this method of getting Verbons, or electronic reading materials
this way, it could replace the type-written page and save the planet from the destruction of rain
forests.   The New York Times takes up millions of acres of trees for every Sunday Edition.   The
Printed Yellow Pages Directories is about to level all of Canadian Forest resources.   We have to
stop it somehow or our successors will have a more and more difficult time getting oxygen to
breathe.

The Please Copy This Disk project offers over 240 different (Mac or
IBM format) disks containing classic books and government documents
as electronic texts. The free monthly Internet-on-a-Disk newsletter
is also available: for information, send email to B&R Samizdat
Express at samizdat@world.std.com

Publications and related from Statistics Canada, the national
statistical agency of Canada, are now available through its Talon
service through gopher, WAIS, email and anonymous FTP. Use your
favorite connectivity package to connect with talon.statcan.ca

+ Multimedia electronic books for Windows users are available from
+ OmniMedia through the network, and you can find samplers by using FTP   to check out the directory "/pub/noring/books" on "ftp.netcom.com". For more information, please send email to "noring@netcom.com".

The University of California, Irvine bookstore is now on the Internet
through the WorldWide Web. Browse reviews and Ansel Adams photographs There are 440 lines left (22%). Press <space> for more, or 'i' to return. through the WorldWide Web. Browse reviews and Ansel Adams photographs or search for books with WAIS. Web to http://bookweb.cwis.uci.edu:8042/ or connect with Gopher to "gopher.cwis.uci.edu", in "departments"/"books".

Pathfinder Press specializes in publishing revolutionary and working-class leaders in their own words, including Malcolm X, Nelson Mandela, Che Guevara, Fidel Castro, Karl Marx and Frederick Engels. Use gopher to connect to "ftp.std.com" in /Book Sellers'.

+ Wordsworth Books of Cambridge Mass has an enormous selectin of general interest books and a large computer and technical book department. It also offers many books below list price to online customers. To find out more, send email to 'info@wordsworth.com'

PART TWO -PAGE 1

PLEASE BROWSE THROUGH PART TWO BY CLICKING ON THE NEXT PAGE >>> SYMBOL AT THE TOP OF THE DOC.

Softpro Books is a small computer bookstore with shops in both Boston and Denver and an online catalog of over 1000 titles. SoftPro is also available on the world.std.com gopher server (choose "Shops of the World").   You can also contact them through email: softpro@world.std.com

O'Reilly & Associates, publishers of a wide variety of high quality books on Unix and Internet topics offer their books directly through the Internet.   Point your gopher to 'ora.com' (e.g., 'gopher ora.com') or telnet to ora.com with the login 'gopher'.

High Mountain Press Direct offers books on Unix, CAD, desktop publishing and geographic information systems topics. You can request catalogs and order titles by sending mail to 'info@bookstore.hmp.com'

Artech House, a technical book and software publisher, offers hundreds of different technical titles - and some software and video tapes - via the Internet. Connect to 'gopher world.std.com' and choose 'Shops of the World'.

One of the larger technical bookstores accessible online is Quantum Books, of Cambridge, Massachusetts with 20,000 titles on-hand and a database of 65,000 titles. The focus is primarily computer science, math and physics.   Contact them by gopher: look in 'Shops of the World' after using gopher to 'world.std.com', or email 'quanbook@world.std.com'
 There are 400 lines left (29%). Press <space> for more, or 'i' to return.
 after using gopher to 'world.std.com', or email 'quanbook@world.std.com'

PART TWO -PAGE 2

Silicon Valley is a logical place to find a great technical and
computer bookstore, but through the Internet, you can also get to
Computer Literacy Bookstore by electronic mail: send a message to
info@clbooks.com to learn more about this service.

Looking for German language technical books and CDROM disks? JF Lehmanns
Fachbuchhandlung in Berlin now offers online CDROM and book catalogues,You can access
them directly with gopher or the Web: use 'gopher   There are 380 lines left (33%). Press
<space> for more, or 'i' to return.

You can access them directly with gopher or the Web: use 'gopher
gopher.germany.eu.net 70' or 'Web to the following:
  http://www.germany.eu.net:80/shop/jfl/jfl_kat.html

+ A well-known computer bookstore with a peculiar name, Cucumber Books of Maryland is now
online with its Unix and C books. Contact the firm through electronic mail:
'catalog@cucumber.com' or 'info@cucumber.com'.

 Washington D.C.-based Reiter's Scientific & Professional Books can now be reached through
the Internet by sending mail to 'books@reiters.com'. A good choice for difficult-to-find technical
literature.

+ Beaverton, Oregon-based TECHbooks has a wide range of technical and computer titles. To
learn more, send email to 'info@techbooks.com'

PART TWO - PAGE 3

The Magazine Rack

Samples of many different magazines are available on the Internet,
as shown below:

   "The New Republic" via 'gopher gopher.internet.com'
   "The New Republic" via 'gopher gopher.internet.com'
   "The Global Network News":

http://nearnet.gnn.com/news/home/news.html
   "Mother Jones": http://www.mojones.com/motherjones.html
+ "WIRED": http://www.wired.com/
   "The Internet Letter" through the Web at:
       http://www.mtv.com/commercial_resources/internet_letter/index.html

All these and more are also available by checking into the Electronic
Newsstand.   Try: gopher internet.com or telnet internet.com, login
as 'enews'.   Email info@enews.com for more information on the service.

Branch Information Services also offer a variety of different magazine
subscriptions. Connect with 'gopher branch.com' or 'http://branch.com:1080'

"The Magazine For Adult Children of Aging Parents" is for anyone facing the questions, issues,
and concerns from having an aging parent. Covers all aspects of eldercare, including the
emotional costs of care. Sample articles and subscription form are available.   Via the WorldWide
Web:

   href="http://www.service.com/answers/cover.html">ANSWERS</

 The COOK Report focuses on political and policy issues about the
 There are 340 lines left (40%). Press <space> for more, or 'i' to return.

+ The COOK Report focuses on political and policy issues about the
+ Government's involvment in the commercialization and privatization of the Internet. To learn
more, send email to "cook@path.net".

Music and Video

Infinity Link Network Services offers a catalog of video tapes,
laserdisks, CDs and books accessible by connecting via telnet to
columbia.ilc.com - log in as 'cas' at the prompt.   Alternatively, point
your gopher there with 'gopher columbia.ilc.com'

+ With an online catalog of over 80,000 titles, the Compact Disc
+ Connection is perhaps the best of the current bunch if you're looking
+ for some specific music. To visit this store 'telnet cdconnection.com'

The Virtual Record Store lists over 3500 CD titles, and can be reached
at gopher: gopher.nstn.ns.ca or URL: gopher://owl.nstn.ns.ca:70/11/e-mall

For the lastest in MIDI software and hardware, including Roland, EMU, Korg, Tascam and
Marshall, Horizons One can provide you a one stop solution. Inquiries and orders by email:
midiwiz@interaccess.com

Inquiries and orders by email: midiwiz@interaccess.com

Buying concert tickets is always a tricky concern, but did you know that companies like Planet
Earth Management can sell you concert packages that not only include excellent seats but hotel
space in town too? They're on the net: Pink Floyd is the current tour: pink@society.com, and on
theway is the new Rolling Stones tour: stones@society.com for info.

Sunglasses, Shavers and More! catalog available through the Internet,
though users interested in the Braun, Bausch & Lomb, Corning, Forchner and Victornox
products will have to settle electronic mail only at this point: send a message to
'sunglass@clark.net' for a catalog.

Games

Looking for boardgames, perhaps older or unusual ones? Then a
quick connection to Harmony Games, run by a veteran game designer,
might be just what the virtual doctor ordered.   Connect with
gopher or WWW to marketplace.com.

gopher or WWW to marketplace.com.

Handmade Crafts and Craft Supplies

Dolls and santas, handcrafted traditional gifts, natural fibers
and crafter's supplies are available through the Internet
by connecting to McCrerey Farm of Pennsylvania. Use gopher to
connect to telerama.lm.com. Looking the "Shopping Plaza."

Florist

If you're perennially late with flowers and other gifts for your
significant other, you'll be delighted to know that there's now a
florist on the Internet. Grant's Florist and Greenhouse can be reached
through the Web (http://florist.com:1080) or gopher; use 'gopher
florist.com'.

Adult Toys

Okay, so you can get flowers, music, and books through the Internet,
but what about that really special, unusual item you'd like to give your
 There are 280 lines left (50%). Press <space> for more, or 'i' to return.

but what about that really special, unusual item you'd like to give your
significant other?   J.T. Toys offers an electronic sex and adult toystore
accessible via gopher: connect to world.std.com and look in 'Shops of
the World'.

PART TWO - PAGE 6

Computer Hardware and Software

Software

the WHOLE UNIVERSE COMPUTER STORE.
lite@awa.com

ON-LINE HARDWARE/SOFTWARE SHOP

Shop for your favorite hardware and software Items at discount prices.   We can take your orders over the InterNet.   All you need is a credit card or a Debit Card, using Netdollars.   Pay a couple hundred dollars down and you get to use this account to buy things at great discounts.   Put products on Layaway on the InterNet Shop

Get up to the minute reviews of new software introductions.   Save time and money.

If you're a scientific type, you've probably already bumped into the
book "Numerical Recipes: The Art of Scientific Computing", but did youknow that all the source code shown in that book is available to buy
online in both C and FORTRAN? Connect with 'gopher cfata4.harvard.edu'.

The Programmer's Shop is a ten-year-old company offering a wide
selection of programming tools, with a catalog of thousands of
different products.   Also included in the list are applications,
utilities, hardware, and more.   Connect with them by 'gopher
world.std.com' and choosing 'Shops of the World', or through email to
progshop@world.std.com

If you're looking for the BSDI version of Berkeley Unix for your
computer system, you can contact the BSDI company directly via
electronic mail for information and catalogs. Use the Web and
connect to www.bsdi.com or try 'gopher gopher.bsdi.com'

Motif developers won't want to miss the SWiM bundle, a complete runtime and development
environment for developing OSF/Motif 1.2.3 apps. From Sequoia International, SWiM is
available for Coherent, Linux, BSD/386, FreeBSD and NetBSD. Contact the company for more
details: info@seq.com.

SmartPoll is a multimedia, intelligent survey tool for conducting
polls over Internet. Sold as software or bundled with a server,
SmartPoll can also be purchased through a service bureau. Send email
to info@smartchoice.com for more information.

CDROMs

Software junkies already know about Walnut Creek CDROM: it publishes over forty different collections of public domain and shareware software CDROM disks ranging from X Window sources to Mac and PC   There are 240 lines left (57%). Press <space> for more, or 'i' to return.

software CDROM disks ranging from X Window sources to Mac and PC programs. You can see their catalog by using 'finger info@cdrom.com' and order by sending mail to 'orders@cdrom.com'.

CD Publishing Corp makes available a variety of different CDROM disks containing archival copies of Usenet, networking software for PC
computers, and more. Gopher to gopher.cdpublishing.com for more
information.

PART TWO - PAGE 7

COMPUTER HARDWARE

THE WHOLE UNIVERSE ON-LINE COMPUTER STORE
lite@awa.com

ON-LINE HARDWARE/SOFTWARE SHOP

Shop for your favorite hardware and software Items at discount prices.   We can take your orders over the InterNet.   All you need is a credit card or a Debit Card, using Netdollars.   Pay a couple hundred dollars down and you get to use this account to buy things at great discounts.   Put products on Layaway on the InterNet Shop

Get up to the minute reviews of new software introductions.   Save time and money.   Find software articles that tell you what you need to know.   Dont make a mistake on your next upgrade.

We will also lease a system for you with custom designed hardware/software combinations.   No money up front.

Looking for corporate or business contracts suitable for your small or
medium business? FitzGearld Webber Marketing now offers many of their products on the
Internet. You can see what's available through the
'Web at URL gopher://owl.nstn.ns.ca:70/11/e-mall or gopher.nstn.ns.ca
with gopher

Indexing and Research Services

Working on a deadline but out of time? If you're working on a book or
dissertation, our indexing and editing skills are at your service. We can
also research, abstract, and search online databases following your own
criteria. Finger njsmith@bga.com or send email to the same address for
more information.

+ SCAN-ITT converts your documents or image files into indexed image files and/or text.
SCAN-ITT can scan and OCR documents of any length, returning indexed image and/or text
files to you via Email, disk, CDROM or MO. You can also FAX or Email scanned images for
processing. Use of indexed documents may require purchase of software. Send Email to
"sales@scanitt.com" for info.

Too busy to track the hundreds of journals that are published in your
field every day? Then UnCover Reveal could be a great win: you select from its list of journals
and the table of contents of the latest issues+ are automatically emailed to you when received,
without charge. You can
then order articles by reply email for a low fee. For information, send
electronic mail to "uncover@carl.org"

Credit Checks

With all these electronic transactions flying back and forth, it was
only a matter of time before a company came along to offer credit
reporting services through the net too. Infotech Information
Technologies of Charlotte, North Carolina now offer individual and
business credit reports, Dunn & Bradstreet information, a social
security locator service, arrest and conviction records and a whole lot
more. Contact them via email at 'infotech@fx.net'

PART TWO - PAGE 9

Running a small business and ready to incorporate? You don't even have to leave your terminal if you contact The Company Corporation, the largest on-line incorporation service in the world. Connect to them
with 'gopher incorporate.com', Web to

http://incorporate.com/tcc/home.html
or email: corp@incorporate.com

Transcripts

Transcripts of various programs can be ordered directly through the
Internet by connecting with Journal Graphics. To see their catalog, use
'telnet pac.carl.org', account PAC. Choose 'Information Databases'.

International Trade

If your company is involved in international import or export you
might want to check out the International Trade Network, where for
a minimal fee you can receive daily commercial trade leads through
Internet e-mail and more. Send email to majordomo@world.std.com with the message "info
intltrade", or drop a note to usa@world.std.com.

Asian Information Service offers a range of services, including news
monitoring, and document translation and delivery.   We have an excellent database on China
offering China-related information in a variety of formats.   Tell us your needs, and how we
might help! Contact AIS by sending mail to: jsweeney@uclink.berkeley.edu

Telemarketing

Telecommunications and information marketing is a booming business,
and INFOMARK, a consulting company that can help you design your
own marketing strategies, is online. You can purchase a copy of
their "900" number source guide by connecting either with gopher
or WWW to marketplace.com.

Email-based FAX Service

Need to send a FAX but just don't have a FAX machine or FAX modem handy? Then AnyWare Associates' FAXiNET might be just the service for you. Once you're subscribed, you can send email that they auto-matically FAX to the specified party or parties worldwide. For
more information, send email to info@awa.com

Real Estate

You can do just about anything else, and now National Real Estate
Services of Vancouver, BC, Canada, is publishing their franchise
database of over 20,000 real estate listings. More connectivity
is on the way, but today you can connect through the WorldWide Web
with the URL http://www.gems.com/realestate/.

Travel Agency

Tired of the local surroundings and ready to leave your computer behind and soak up some sun? The wholesale tour operator Mexico Resorts & Tours is now on the Internet, with their focus on unusual tours to Mexico and Central America. Individuals to large groups, you can find out more about the services by sending email to travel@magma.com

Annex: Training and Education

Video Training

If you're still puzzled about the possibilities of the Internet, you
can now order a videotape from Baltimore-based New Technologies covering all the tools and techniques of surfing the so-called information wave.
For more information, drop a note to nti@clark.net

Sagacity Learning Universe

You can do just about everything else through the Internet, so why
not learn at a virtual university? Sagacity Learning Universe is offering
just this service to Internet users, initially focusing on Future Studies,

with more to come. Contact Tom Abeles at tabeles@tmn.com or use gopher to connect to tmn.com to learn more.

Grant Proposals and Financial Aid

Internet Works, Inc. offers Online Interactive Workshops on Grant
Proposal Planning and Writing.   In addition, online consulting services

are available in the grants area and in the use of the Internet.   For
more information contact Herb Wylen <hwylen@access.digex.net>

+ Most students are unaware of the many sources of financial aid that
+ are available, but now you can work with Chinook College Funding Service of Tucson,
Arizona to explore the possibilities. For more information,
+ send an email message to 'CllgFunder@aol.com'

PART TWO - PAGE 11

+ Gourmet Popcorn
+
+ Popcorn is much more than just something you put in the microwave oven.

 Gourmet Popcorn of Colorado Springs is now on the
+ Internet! Receive a catalog of their many products by sending email to the company:
"mgp@aol.com"

COMONLINE

Perhaps one of the most important uses of the InterNet will be for computer users to learn about the latest trends, new products and developments in computer, or Hi-Tech Industry that will continue to make the INFORMATION SUPERHIGHWAY building and progressing through many stages until it reaches something truly amazing and more beneficial to Mankind than any other invention.

The ComOnLine Trade Show will be the way for you to keep up with all the new developments coming your way.   Here in the Convention Center at DownTown Anywhere the browser can go from company to company and examine their latest and newest products or services.

If you have a graphics reader, you will see pictures of amazing new products that do wonderful things.   You will also be able to see video and animation and other graphical demonstrations of new hardware and or software that could be just the device you needed.

The Magazine and Newspaper Editors of the world can come to this OnLine Trade Show to get ideas for new stories.   The average consumer can come to it just to learn about possible upgrades to his computer system.   And the exhibitor can place his products here for all the world to see 7 days a week, 24 hours a day, 52 weeks out of the year, FOR A FRACTION OF WHAT IT COSTS to do an Old-Fashioned kind of trade show.

No more exorbitant hotel costs, no more airline tickets to buy, no more hiring pretty models to stand in front of your booth and lure the curious to see your product.   No more having to take several key company executives out of productive jobs to attend the Convention, no more having to lose your shirt at Las Vegas Gaming tables.   No more expensive booth rental for one week of Demonstrations to a very select few.

Now, for a nominal fee, you can let the whole world view your new products, and you can even take orders OnLine and/or build mailing lists and answer customer questions WITHOUT LEAVING THE COMFORT OF YOUR HOME OFFICE.

If you want more information call (408) 423-8580, Lighthouse Productions the ComOnLine Trade Show organizers or to view how its building more and more exhibitors, point your WWW to http://www.awa.com.   Browse through Main Street of Downtown Anywhere until you come to the Convention Center, then go right in, and see the potential that this OnLine Trade Show has for your company.   Leave a msg here or lite@netcom.com and well get back to you to talk about your participation in the Trade Show of the Future.

If you have any kind of Hi-Tech Product or service you should be here.   The sales you make at ComOnLine will probably outweigh the costs of being here and in the process everyone in the world with an InterNet Account can see your products or services LIVE IN ACTION.

FREE BULLETIN BOARDS

//
FREE BULLETIN BOARD SERVICES
\\\
NOTE: I have placed BBSs whose main goal is to entertain or serve as
a forum for people to get together here.

BULLETIN BOARDS OR BBSes for those who do not know, are computers that have special
software so that anyone with a modem can call them and partake of their services.   BBS Sysops
or system operators as they are called, number in the neighborhood of 50,000 in this country and
they are as varied as any group of people can be.   Check out some of these and then find others
in your neck of the woods and chances are you will find a community of people with your same
interests.   BBSes are not what you call the InterNet, but they are all soon to be connected in one
way or another, making the InterNet even larger and more viable.

\\\EBBS/PIRATE BBS///
Friendlier than it sounds.
Takes advantage of VT100 and up with a full-screen environment.
All offer Boards (message areas), Mail, and Talk.
Some offer Files and IRC connections.
One minor problem: The majority of these BBSes are limited to
only 800 or so users (that's total, not online) at any given time.

Auggie BBS
bbs.augsburg.edu
141.224.128.4
bbs
More boards than ever, Real-time and IRC-like chat, 4m, and BillyNet,
a link to plenty of other BBSes. I read the InternetStuff board to pick
up on most of the new BBSes.

Eagles' Nest BBS
seabass.st.usm.edu
131.95.127.2
bbs

NSYSU-BBS
cc.nsysu.edu.tw
140.117.11.1
bbs
Taiwanese. Don't let the strange characters fool you. :)

CIS-NCTU
bbs.cis.nctu.edu.tw
140.113.23.3

bbs
Taiwan.

TTIT CSE BBS
140.129.25.100
bbs
Taiwan.

Viking BBS
viking.dana.edu
192.189.65.10
bbs

LIANE BBS
bbs.cslib.cz
147.230.16.2
bbs
Czech Republic.

\\\CITADEL///
Citadel is a message-only system.
Boards using this are highly active with the exchange of messages
in various "rooms", sometimes as varied as MST3K>, NetLife>, and
Spam! Spam! Spam!>. Plenty of information can be had on these boards,
though no files are available.
Another feature of these boards is that each one has added a little
flavor to the stock Citadel code, so none of them are quite the same.

Quartz BBS
quartz.rutgers.edu
128.6.60.6
bbs
The granddaddy. Interesting and spontaneous conversation found at any
hour of the day or night. On the other hand, there are only 10 users
allowed at any one time.

Prism BBS
bbs.fdu.edu
132.238.2.10
bbs
This one is based on 'floors'. Also very hard to get into on a regular
basis.

Sunset BBS
paladine.hacks.arizona.edu
128.196.230.7

bbs
Another variation of the normal Citadel, somewhere between the original and DOC.

Monsoon BBS
rtd.com
198.102.68.2
bbs
The second Citadel in Tucson. They must like it a little there. :)

The Ragged Edge
wagner.musicnet.ua.edu
130.160.156.75
bbs (bbs)
It was a Citadel, then it wasn't, now it is. So there.

\\\DOC///
Dave's Own version of Citadel.
Best-known as the software ISCA BBS runs.
No files can be had on these, either.
Also, as is programmer's nature, each of these BBSes now have their own added features.

ISCA BBS
bbs.isca.uiowa.edu
128.255.200.69 <-Note new IP address!
The biggest BBS on the net. Period. 15,000 users a day are calling ISCA.
The user count is now over 100,000.
This BBS is literally six times as large as the first time I reviewed it.
During periods of heavy use, expect to wait in a queue just to get in.
Hint: Get the ISCA BBS Client via FTP for more ease of use. Look in FTP sites for more info.

SkyNet
hpx6.aid.no
128.39.145.226
skynet
Norway. Close to 20,000 users here, with up toi 48 online at a time.
I post this list on INet> upon release.

CetysBBS
infrs.mxl.cetys.mx
158.122.1.3
bbs
Mexico. Mostly Spanish, with a few rooms for English speakers.

Shadow
shadow.acc.iit.edu
192.41.245.143
bbs
This is quickly becoming huge.
Shadow was originally geared toward being a technical BBS, but it's now
popular pretty much all around.

Club BBS
club.gdl.iteso.mx
148.201.1.18
bbs
If you're looking for a 100% Spanish BBS, it's here.

Brinta BBS
brinta.ptf.hro.nl
145.24.149.50
bbs
The new one, and the first DOC BBS to run off of a PC.
The Netherlands.

BBSs USING OTHER SOFTWARE:
OUBBS
oubbs.telecom.uoknor.edu
129.15.3.15
TBBS
A very attractive BBS catering to University of Oklahoma students.
Offers a lot of services typical to non-Net BBSs, including Internet
and FidoNet mail. Both Mac and IBM files available.

Monochrome
(quark,muon,gluon,electron,neutron,proton).city.ac.uk
138.40.17.(4,5,6,1,10,11)
(You only have to pick one of them.)
mono
Mail monoadm@city.ac.uk for an account.
It was gone and now it's back and better than ever.
Except for that chat thing, but beggars can't choose, huh? :)

BOX
tolsun.oulu.fi
130.231.96.16
box
Finland.

DUBBS

tudrwa.tudelft.nl
130.161.180.68
bbs
BBS in the Netherlands with an almost-WWIV look.

yabbs
phred.pc.cc.cmu.edu
128.2.111.111
bbs
Messages and a few text files. Lots of computing areas.

tiny.computing.csbsju.edu
152.65.165.2
bbs
A graphical BBS, like a hybridization of Pirate and Monochrome.

The Endless Forest
forest.unomaha.edu
137.48.1.4
ef
A neat little hangout. Usually you can find some pretty good
authors on here.
Hint: On your first logon, remember your user NUMBER, not just your
user name.

BBS-Olohof
morra.et.tudelft.nl 2993
130.161.144.3 2993

Tele-Chat
ns.speedway.net 8888
ns.speedway.net 5010
Two new chat services. For those who don't like or can't use IRC, start
filling these places up.

NCCU
suncc.ccu.edu.tw
140.123.1.2
guest
IRC access and similar facilities. Much like a basic UNIX account.

Agora Telematica
agora.stm.it
192.106.239.3
Italy. I'd have to say this is one of the finest boards on the Net right
now, barring any I haven't seen.

UTBBS
utbbs.civ.utwente.nl
130.89.1.219
bbs

//
FOR-PAY BBSs
\\
Most of these services offer telnet and FTP as features.
All are available via the Internet.
Certain services offer ClariNet/UPI and/or Reuters news services,
Usenet, UNIX shells, and real-time chat.
Tell 'em CC sent you. :)

On-line
connect.on-line.co.uk
193.114.232.1
connect
United Kingdom. This one has one of the best online game setups around.
Flight simulators, role-playing, some that have even come off GEnie.
ú9.99 per month.

Internet Direct
indirect.com
198.99.146.65
Phoenix.
I personally like this interface. An excellent service.
$20/month flat rate.

The WELL
well.sf.ca.us
192.132.30.2
San Francisco.
The Whole Earth 'Lectronic Link.
Arguably one of the most interesting places on the Internet.
Price is quite steep, at over $20/month for normal use, but this group
is tightly-knit. Featured just about everywhere they discuss the Net.

Mindvox
phantom.com
38.145.218.228
New York City. $10/month for service access, $17.50/mo for telnet and
ftp access.
Rumored to be a hangout for the elite. Featured in _Rolling Stone_.
Well, kinda. :)

The World
world.std.com
192.74.137.5
Boston. Public dial-up internet site since 1989, Usenet, FTP, Telnet,
Clarinet/UPI and Reuters news, IRC, Gopher, Online Book Initiative
(large etext archive), Compuserve Packet Network long-distance access
($5.60/hr, USA). $5/mo+$2/hr or $20/20 hours.

Eskimo North BBS
eskimo.com
192.195.251.13
Washington State. Features Usenet, including several readers, shell
access, and files.

Netcom
netcom.com
192.100.81.100
guest (guest)
California, statewide.

HoloNet
holonet.net
157.151.0.1
holonet
California. Usenet, connectivity with MS Mail, cc:Mail and the like...
news, files, FTP and Telnet access, fairly low-cost, hundreds of access
points via SprintNet.

Telerama
telerama.lm.com
192.231.221.1
new
Pittsburgh. A very inexpensive site, especially considering the services
provided.

Net Access
netaxs.com
192.204.4.1
Philadelphia.
FTP, IRC, Telnet, Gopher, email, MUD/MUSE, and Usenet.

Texas Metronet
feenix.metronet.com
192.245.137.1
info(info) or signup(signup)

Dallas/Fort Worth, Texas. Good interface. Fairly expensive, though.

Pipeline
pipeline.com
198.80.32.3
NYC. This one has its own interface for Microsoft Windows users. Makes it worth the relatively high cost.

ON-LINE STORES

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ONLINE STORES
\\\
The NETCENTER BOOKSTORE
NEWEST ELECTRONIC TITLES
Point your URL to: http://netcenter.com/netcentr/bookstor/index.html
For the Best in Electronic Books.

The NETCENTER VIDEO STORE
For a complete catalog of Special Interest, How-To Videos.
All Categories.
Point your URL to: http://netcenter.com/netcentr/mall/videos/clark.html

COMPUTER UPGRADES - NEW SYSTEMS
_____

FOR LOWEST PRICES AND HIGHEST QUALITY COMPUTER PARTS AND
SYSTEMS YOU NEED TO CALL.   BEST PRICES ON ANY
CONFIGURATION.
MOTHERBOARDS & CONTROLLERS & ETC.

1-800-998-4359

Book Stacks Unlimited
books.com
192.148.240.9

CDC
holonet.net
157.151.0.1
cdc
Compact Disc store.

E-MAIL TIPS

Millions of us are signing up on the Information Superhighway just for the E-mail which is far cheaper than telephone charges and much more efficient.   But what are E-mail addresses? There are many different flavors depending on how you got your InterNet Service.

Here are a few of the examples of formatting your addresses based on the service you subscribe to:

Lets look at my E-mail address first:
Netcom
lite@ix.netcom.com

CompuServe: 72254.16@compuserve.com
GEnie: J.Jones@genie.geis.com
America Online: UserName@aol.com
Delphi: Username@delphi.com
Applelink: Username@applelink.apple.com
AT&T Mail: User@attmail.att.com
MCI Mail: 1234567@mcimail.com
         User_Name@mcimail.com
BIX: User@dcibix.das.net
Bitnet: user@SITE.BITNET is
        user%site.bitnet@cunyvm.cuny.edu
                or @mitvma.mit.edu
Prodigy: UserID@prodigy.com
         Prodigy users can now mail out from Prodigy. Info is available
         by JUMPing mail manager.

Now, that you have an address you can use your editor that comes with your service to write notes to anyone in the world, no matter what service they have.   Dont worry, your return address will be automatically inserted so that people can respond to you at their leisure.

This ability to send messages and then wait for a response is one the best features of the Information Superhighway.   Its like having a universal Answering Service for everyone in the world who may know about you.

The Editors

A/Z LISTINGS

APPENDIX -- A - THE INTERNET MARKETING RESOURCE LIST.

This Appendix is a listing of many of the best places on the Internet for conducting market research or the promotion/advertising of your own products or services or for finding those important business alliances that can help you with your overall gameplan. The list should be used as a jumping off point because from here, you will find many thousands of other useful places on the Internet as you explore.

This Appendix is also part of the Offical Roadmap on the Diskette on the back of this book.   With it, you can find many more important resources for your marketing effort.

This is the most complete list I know and is current as of this writing. But we also publish this as a Newsletter that you can subscribe to for monthly updates of all marketing information in this book.   If you have an Internet Account, you can get download electronic versions of the "The Official Road Map of the Information Superhighway" which are updated monthly. The address is http://netcenter.com.   Go to the Roadmap. The Windows Help File Version, called the   Official Roadmap to the Information Superhighway   can also be found at your local BBS.   If they don t have it ask them to get it for you.   Any individual or BBS can retrieve the latest list at EXEC-PC.   By Modem: 1-414-789-4360 (9600 BD), and 414-789-4210 (2400 Bd)   1414- 789-4500 28800BD   Internet Access 1-414-789-4600

Menus choices are: F, (Files) F, (Free Area) L, (Lighthouse Books) L (List All).   Telnet Address is: bbs.execpc.com.   The Exec PC Web page is at WWW.EXECPC.COM. EXEC-PC is the most advanced of all BBS services with over 400 phone lines and now a Direct Internet Service.   Most all other BBSes will have to follow along in their path.

NOTE: no login names or passwords are required unless otherwise stated!
    ALSO NOTE: for ftp sites, login as anonymous, password is your email address

This section primarily serves as a reference point to put some of the techniques of the developing your market cycle to work for you on the Internet.

As you have completed reading the entire book by now, you should be able to reference any of these places listed here to accomplish any part of the research you may need to do. Remember, Chapter One gives details on how to FTP, Telnet, Gopher, Etc.

Below you will find an alphabetical listing of files and resources that I have found on the Internet.   Many of these you will find will save you plenty of time and money.

Agricultural Info.,___TELNET psupen.psu.edu or TELNET 128.118.36.5__
    ___Family Issues,_____ PENpages_(Login: = Enter your twoletter state abbreviation.)
    ___Food_&_Nutrition.____TELNET caticsuf.csufresno.edu or TELNET 129.8.100.15

_____CSU Fresno ATINET _____(Login: =
super)
_____TELNET eureka.clemson.edu or TELNET 130.127.8.3
CUFAN_(Clemson U Forestry_&_Ag._Net.)_(Login: = PUBLIC)
_____TELNET empire.cce.cornell.edu or TELNET 132.236.89.2
CENET_(Cornell Extension NETwork)_____(Login: = guest)
_____FTP FTP.sura.net_(get file pub/nic/agricultural.list,
it contains agricultural email lists_&_services.)
_____TELNET idea.ag.uiuc.edu_(Login: = flood)_See FLOOD
Below
_____TELNET cicp.biochem.vt.edu or TELNET 128.173.52.243
Global Integrated Pest Management Information System
_____TELNET/GOPHER usda.mannlib.cornell.edu
USDA Economics and Statistics GOPHER___(Login: = usda)
___Offers: Agricultural info_(livestock reports,_current market prices,_etc.)

Agricultural Market News
__commodity reports
__Wais to: agriculturual-market-news.src

Almanac mail servers__mail almanac@esusda.gov or mail almanac@ecn.purdue.edu
mail almanac@oes.orst.edu or mail almanac@ces.ncsu.edu
mail almanac@silo.ucdavis.edu or almanac@joe.uwex.edu
_____mail almanac@empire.cce.cornell.edu
mail almanac@acenet.auburn.edu
___Offers: USDA market news,_articles about use of computer in agricultural
___science,_and Extension Computing Technology Newsletters.__
_____In body of letter: send guide__Other cmds: send catalog,_send help haylist

Almanac of Events   finger copi@oddjob.uchicago.edu
___Offers: Daily list of events and bdays in history,_and sports schedules.

Am._Philos._Assoc.   GOPHER apa.oxy.edu or GOPHER 134.69.1.2
___Offers: _BBS for philosophers.

Amateur Radio_____mail info@arrl.org_/_FTP oak.oakland.com_(pub/hamradio)
___Offers: Ascii files about Amateur Radio and electronics.
___In Body of letter: help,_info,_send_<filename>_or quit_(ie send prospect)

Archeological Dbase___TELNET cast.uark.edu or TELNET 130.184.71.44
___Offers: National Arch._Database information management system._(Login: = nadb)

APOLLO ADVERTISING
__This is one of the few advertising agencies who will help you put your ads on the
WWW, small ads are free.   Europe and North America
__WWW TO: http://apollo.co-uk/home.html

ASIA PACIFIC BUSINESS AND MARKETING RESOURCES
___Gopher to: hoshi.cic.sfu.ca

AT&T Internet Directory of Directories.   Use this as a beginner on the Internet to find just about anything.

Email: admin@ds.internic.net
Request the Directory Listing Form

Phone: 1-800-862-0677 or 1-908-668-6587
Fax: (908) 668-3763

Gopher: is.internic.net

FTP: is.internic.net
        anonymous
        cd /infoguide/faq directory

WWW: http://www.internic.net/infoguide.html
This is really exciting Cyberspace.   Get a Mosaic Viewer and visit this spot first to
learn about the Internet.   This is the best single resource, next to my own, that I   have
seen.

????   Email to:
refdesk@is.internic.net

AT&T Toll Free Directory is at: http://www.internic.net/800dir/800dir.html

AVIATION
___Aviation GOPHERs_____GOPHER av.eecs.nwu.edu
_____GOPHER GOPHER.unomaha.edu_(Select UNO Student Org...)
____Offers: Acts as a repository for things on rec.aviation._(pics,_stories...)

__DUATS   TELNET duat.gtefsd.com or TELNET 131.131.7.105
            TELNET duats.gtefsd.com or TELNET 131.131.7.106
____Offers: Aviation weather,_flight planning._(Login: = <last name>)
_____The first address is for certified pilots,_the second for uncertified.

BANKING   - THE FIRST VIRUAL HOLDING CORPORATION
    Everyone should open an Internet Banking Account.   Free to the Buyer.
    Only 2% charge to seller.   1st Internet Bank System and viable.
    Also look for DIGICASH to come along too.
Point your URL to: http://www.fv.com

BBS - Bulletin Board Systems

__WWW to: http://netcenter.com/roadmap/bbses.html"
__A listing of the most popular Bulletin Boards around the world.

BOOKS
   Lighthouse Books.
   www to: http://netcenter.com/bookstor/index.html

BRANCH MALL
   __WWW TO: http:/Branch.com:1080
   __Provides Online Shopping Services

Calif. Institute of Technology
   ___Reports and updates on research and applications from this high-tech powerhouse.
   ___URL: http://gatekeeper.doc.com/archive/pub/DEC/DECInfo/html/home.html

CALIFORNIA YELLOW PAGES
   ___WWW TO: http://www.research.digital.com/SRC/virtual-tourist/CaliforniaYP.html

Career Centers Online GOPHER GOPHER.msen.com and GOPHER GOPHER.msen.com
   9062
               mail occinfo@mail.msen.com
   ___Offers: Jobs database,_resume listing service,_search by location/keyword
      ___H.E.A.R.T.___TELNET career.com or TELNET 157.151.160.1
      ___Offers: Search for jobs by company,_position,_or state.

CIA World Fact Book
   __Demographic, geographic, social and monetary information.
   __FTP to: nic.funet.fi
   __Telnet to: info.rutgers.edu

City of Palo Alto: On WWW: http://www.city.palo-alto.ca.us/home.html
      ____Maps, Chamber of Commerce, stores.   Other Business information.

SANDRA'S CLIP ART SERVER

This exhaustive selection has nearly 1500 files of GIF-format clip
art, plus links to several other clip art repositories. Sandra
Loosemore has assembled a number of special topic clip art links
(Golf, Age of Sail, Caving, Medical/Human Anatomy Clip Art, etc.).
Another great effort from the creator of the Froggy Page.

"http://www.cs.yale.edu/HTML/YALE/CS/HyPlans/loosemore-   sandra/clipart.html"

Collectors Net - Antiques & Collectibles.
      ____   email to: collectors-net-request@netcom.com .

Corporate Net: WWW to: "http://tns-www/cs.mit.edu/commerce.html">Commercial
    Services on the WEB.   This important World Wide Web page provides corporate, non-
    profit and government links.

Commerce Net
    WWW to: "http://www.commerce.net">Commerce Net
    The site, under development, Offers a good indication of what we can expect from
    commercial Internet in the Future.   One of the first to come up with Encrypted files for
    complete security.   This is supported by some of the largest companies in the country, so
    this could grow to be very big.

CARL   TELNET database.carl.org or 192.54.81.128
    ___Offers: Online database,_book reviews,_magazine fax delivery service.

COMPUTERS

    Here's a link to hundreds of computer companies and their products.
    ___WWW to: "http://www-atp.llnl.gov/companies.html" Computer and
    Communications Company
    ___Web Page.   This page is a good source of links to high-tech firms.
    ___This is a tremendous resource for finding information from thousands of companies
    all around the world!

Macintosh Usergroup__TELNET amdalinz.edvz.unilinz.ac.at or 140.78.5.55

IBM PC Usergroup See Newsgroup   alt.ibm.pc.hardware.
    __Windows Users   See Newsgroup   alt.os.windows

    __Latest Prices on Parts
    __On World Wide Web: http://netcenter.com/netcentr/mall/techmart/hightech.html

    DataBase Via Finger___finger help@dir.su.oz.au
    ___Offers: Query databases,_find newsgroups,_access archie,_etc.,_via finger.

DIAL-UPS   Getting connected to the Internet.

    __ALTER-NET   800-4UUNET3   Email to: alternet-info@uunet.uu.net
    __Global services

    __ANS CO+RE   914-789-5300   Email to: info@ans.net

    __BIX   800-695-4775   Email to: bix@genvid.com

    __Digital Express   301-220-2020   Email to: info@digex.com

__DMConnection.   508-568-1618   Email to: info@dmc.com

__MSEN   313-998-4562   Email to: info@msen.com

__NETCOM -   40 - 50 cities around the world.   about $20/mo.   Great reliability.   has all services required for dial-up as well as business accounts.
1-800-501-8649

__PANIX.   212-877-4854   Email to: info@panix.com

__PSI.   703-620-6651 Email to: info@psi.com

__THE WORLD   -   617-739-0202   or Email to: office@world.std.com
Special services for Corporate customers.

Dow Jones News Retrieval
__Fee Based.   Investment, economic, and business article abstracts and full text.
__Telnet to: djnr.dowjones.com
__See also Free Newsgroup.   Clari.biz.market.dow.   Stock & Bond closing prices.

Directories

   AT&T Internet Directory of Directories.   Use this as a beginner on the Internet to find just about anything.

   Email: admin@ds.internic.net
   Request the Directory Listing Form

   Phone: 1-800-862-0677 or 1-908-668-6587
   Fax: (908) 668-3763

   Gopher: is.internic.net

   FTP: is.internic.net
         anonymous
         cd /infoguide/faq directory

WWW: http://www.internic.net/infoguide.html

Downtown Anywhere
   ___WWW to: "http://www.awa.com" DOWNTOWN ANYWHERE   A very lively community of booksellers, store owners, with a real Cyber Economy.   It's worth a visit to Downtown Anywhere.   Nice graphics.   Etc

ECONOMICS/BUSINESS
   __ECHO_____TELNET echo.lu or TELNET 158.64.1.36 or 158.64.1.51

Offers: European Commission Host Org.,_free databases!_(Login: = echo)

Economic Bulletin Board
___RUN BY THE COMMERCE DEPARTMENT, THIS SYSTEM PROVIDES ACCESS to more than
___700 files that are updated daily in 20 subject areas.   They cover current economic
___conditions, employment, foreign trade, and more more.   <P>
___Phone 202- 482-1986<P>
___Faxback system: 900-786-2329<P>
___Gopher to Gopher.lib.umich.edu<P>
___Look in Social Sciences Resources, Economics<P>
___Telnet to: ebb.stat-usa.gov<P>

Economics GOPHERs____GOPHER GOPHER.lib.umich.edu
____Choose: Social Sciences Resources_|_Economics
                GOPHER niord.shsu.edu_(Choose: Economics)

__Stock Market Reports TELNET a2i.rahul.net or TELNET 192.160.13.1
_____mail Martin.Wong@eng.sun.com to receive daily quotes
____Offers: Select n,_"Menu: Current Info",_then_"Market Report"_(Login: = guest)
___Vienna Stock Exchange TELNET fiivs01.tugraz.ac.at__(Login: = BOERSE)

__Stock Market Simul.__TELNET castor.tat.physik.unituebingen.de
____Offers: Gigabucks game,_stock market simulation._(Login: = games)

Economic Information in Newsgroups
__ Newsgroup: Clari.biz.market.dow.   Stock & Bond closing prices.   Also
__Clari.biz.market.ny, New York Stock Exchange: Clari.biz.market.otc. Most __active
Over-the Counter stocks, trends etc.   Clari.biz.report - Mutual Funds.
__Clari.biz.economy - articles of interest t the businsess community, Mortgage __rates,
Farm Price report, GNP, Jobless Rate, CPI, etc.

EDUCATION

__Distance Ed._Dbase___TELNET acsvax.open.ac.uk or TELNET 137.108.48.24
____(Username: ICDL__Account Code: usa__Password: aaa)

__Education GOPHERs____GOPHER ernest.ccs.carleton.ca 419__[Canada's SchoolNet]
          GOPHER GOPHER.ed.gov_____[U.S._Dept._of Education]
_____GOPHER chronicle.merit.edu_____[Merit Computer Network]
_____GOPHER gaia.scied.fit.edu___[Florida Tech Edu._GOPHER]
_____GOPHER informns.k12.mn.us__[Internet for Minn._Schools]
_____GOPHER goldmine.cde.ca__[California Dept._of Education]

_____Empire Schoolhouse TELNET nysernet.org or 192.77.173.2_(Login: = empire)
____Offers: K12 resources,_discussion groups,_etc.___(Also see: Econ._BBS)

__FEDIX/MOLIS/HERO TELNET fedix.fie.com or TELNET 192.111.228.33
____Offers: info._on scholarships,_minority assistance,_etc.

__IKE   TELNET isaac.engr.washington.edu or 128.95.32.61
____Offers: IBM Kiosk for Education User Discussion Forums._(Login: = register)

__Internat'l Ed._BBS___TELNET nis.calstate.edu or TELNET 130.150.102.39
____Offers: Program listings,_resources,_government information._(Login: = intl)

__KidLink GOPHER_____TELNET kids.ccit.duq.edu or TELNET 165.190.8.35
____Offers: Telecomm._project aimed at 1015 year olds.__(Login: = GOPHER)

__KiwiServer   -   Not from Australia!
__WWW to: "http://kiwiclub.bus.utexas.edu/finance/kiwiserver/kiwiserver.html"
__Kiwi Web Server from U of Texas.   Source of great economic data and a very useful
__Online Library.

__Learning Link_____TELNET sierra.fwl.edu_/_198.49.171.2_(Logn/pwd:newuser)
      _____TELNET 152.4.101.50_(Login: = slonc__Password: guest)
____Offers: Electronic info._&_communication service for educators.

__MicroMUSE   TELNET michael.ai.mit.edu or TELNET 128.89.2.153
___MariMUSE_____TELNET pc2.pc.maricopa.edu 4228 or 140.198.16.12
4228.   Offers: Educational MultiUser Simulated Environments.__(Login: = guest).

__Nat'l Education BBS   TELNET nebbs.nersc.gov or TELNET 128.55.128.90
____Offers: A limitedaccess system for NESP educators._(Login: = new)

__Nanaimo SchoolsNET___TELNET crc.sd68.nanaimo.bc.ca or TELNET 134.87.120.1
____Offers: Educationbased BBS__(Login: = GUEST)____(See also: NICOL)

__Newton_____TELNET newton.dep.anl.gov or TELNET 130.202.92.50
____Offers: BBS for those teaching/studying sci.,_CS,_math._(Login: = bbs)

__QUERRI   TELNET exnet.iastate.edu or TELNET 129.186.20.200
____Offers: Questions on Univ._Extension._Regional Research Info(Login: = querri)

ELECTRONIC COMMERCE & WWW RESOURCES.
__This is a fantastic list of places on the Internet, you could spend weeks __browsing, it
is so full of great marketing information.   One of the best places on __the Internet for
Business service listings and other Information.
__Point your WWW URL TO: http://biomed.nus.sg/people/commmenu.html

Environmental GOPHERs GOPHER GOPHER.econet.apc.org
_____TELNET envirolink.org or TELNET 128.2.19.119
___Offers: Info._on current environment concerns,_voting records,_etc.

EXEC-PC   Greatest Shareware Resource I know.

    EXEC-PC.   By Modem: 1-414-789-4360 (9600 BD), and 414-789-4210 (2400
    Bd)   1414- 789-4500   28800BD   Internet Access 1-414-789-4600

Fax via Internet_____mail info@awa.com_("HELP"_in body of message)
_____FTP FTP.pandora.sf.ca.us_(get pub/elvis/faxgate.help)
_____mail tpcfaq@town.hall.org_(FREE fax to ltd._locations)

Finger via TELNET_____TELNET site 79____(example: TELNET csd4.csd.uwm.edu 79)
    "site"_is the what you are fingering.__after connection,_type the username._
        via Mail_____mail jfesler@netcom.com w/_subj: "#finger user@site"
_____mail dlangley@netcom.com_/w subj: "#help"

FIND ANY E-MAIL ADDRESS

The Four11 Online User Directory provides an efficient way to search
for someone's E-Mail address. The directory includes almost 500,000
listings and all Internet users are provided a free listing and
unlimited searching. E-Mail: "free@Four11.com"

"http://www.Four11.com/"

FTP
__Archie   TELNET archie.au or 139.130.4.6   _____[Aussie]
_____TELNET archie.edvz.unilinz.ac.at or 140.78.3.8
_____TELNET archie.univie.ac.at or 131.130.1.23____[Austria]
        TELNET archie.funet.fi or 128.214.6.102_____[Finland]
_____TELNET archie.thdarmstadt.de or 130.83.128.111__[Ger.]
_____TELNET archie.kuis.kyotou.ac.jp or 130.54.20.1_[Japan]
_____TELNET archie.sogang.ac.kr or 163.239.1.11_____[Korea]
_____TELNET archie.nz or TELNET 130.195.9.4   __[New Zealand]
_____TELNET archie.inesc.pt or 146.193.0.153_____[Portugal]
_____TELNET archie.luth.se or TELNET 130.240.18.4___[Sweden]
_____TELNET archie.ncu.edu.tw or TELNET 140.115.19.24__[TWN]
_____TELNET archie.doc.ic.ac.uk or 146.169.11.3_[UK/Ireland]
_____TELNET archie.hensa.ac.uk or 129.12.21.25__[UK/Ireland]
_____TELNET archie.sura.net or 128.167.254.194____[USA_[MD]]

TELNET archie.unl.edu or 129.93.1.14_____[USA_[NE]]
_____TELNET archie.ans.net or 147.225.1.10_____[USA_[NY]]
_____TELNET archie.rutgers.edu or 128.6.18.15_____[USA_[NJ]]
_____TELNET ds.internic.net or 198.49.45.10
_____[AT&T]   Offers: Searches all FTP sites for any program you
want.__(Login: = archie)

__Archie Mail Servers__mail archie@<INSERT ONE OF ABOVE ADDRESSES
HERE>   Subject: help__Offers: alterative Archie access to those w/o FTP or TELNET.

__FTP via EMail mail FTPmail@decwrl.dec.com or FTPmail@cs.uow.edu.au
           mail bitFTP@pucc.princeton.edu or FTPmail@lth.se
_____mail bitFTP@dearn or to bitFTP@vm.gmd.de_(Europe only)
_____mail FTPmail@FTP.unistuttgart.de
_____mail FTPmail@grasp.insalyon.fr or FTPmail@ieunet.ie
_____mail bitFTP@plearn.edu.pl or bitFTP@plearn_(Europe)
_____mail FTPmail@doc.ic.ac.uk or
FTPmail@sunsite.unc.edu
____Bodyofletter: help or FTPlist for a list of anon._FTP sites.

__FTP Sites/Archives___FTP ocf.berkeley.edu or FTP 128.32.184.254
____Offers: cd_/pub/Library for great lib._of docs,_bible,_lyrics,_etc.
_____FTP wuarchive.wustl.edu or FTP sunset.cse.nau.edu
____Offers: Gifs,_Sights,_&_Sounds!
_____FTP FTP.uu.net or FTP rtfm.mit.edu
____Offers: You name it,_it's here!_(Archives,_FAQs,_howto's,_etc.)
_____FTP archive.umich.edu or sumexaim.stanford.edu
____Offers: Software for MSDos computers,_Mac,_Amiga,_Apple2,_Apollo...
           FTP oak.oakland.edu
____Offers: A huge software archive for PCs and UNIX.
           FTP FTP.sura.net_(/pub/nic)_or FTP quartz.rutgers.edu
____Offers: Howto's about internet_(email,_FTP,_TELNET,_etc.)_(/pub/internet)
_____FTP quartz.rutgers.edu or FTP cathouse.org
____Offers: All the text/humor files you'd want_(tv,_sex..)_cd pub/humor

__FTP via TELNET   TELNET grind.isca.uiowa.edu or TELNET 128.255.200.3
____Offers: Access UIowa's huge FTP site via TELNET!

GALAXY - One of the finest searchable databases with great subject indexing.
   __WWW to: http://galaxy.einet.net/galaxy.html

GAMES/RECRETATIONAL/FUN

__Backgammon Servers___TELNET fraggel65.mdstud.chalmers.se 4321_(Login: =
guest)

__Battle_____finger battle@cygnus.cp.tn.tudelft.nl

__Bridge Server_____TELNET 140.117.11.33_(Login/Password: okbridge)

__Bolo Tracker   TELNET gwis.circ.gwu.edu 1234 or 128.164.140.37 1234
____Offers: Location of current bolo games.

__Chat Clients_____FTP FTP.santafe.edu_____(4M Chat Service: /pub/SIG/4m)
_____FTP cs.bu.edu_(IRC: cd_/irc/clients___ICB: cd_/irc/icb)
____Get chat client program from FTP sites,_compile program_(make)_and execute.
_____TELNET sci.dixie.edu 1_|_sh or 144.38.16.2 1_|_sh
_____TELNET__rush.cc.edu 1_|_sh or TELNET 140.104.4.169 1_|sh
____NEW!_The above gets AND compiles automagically an IRC client for UNIX.
__Chat Servers__IRC___TELNET sci.dixie.edu 6677 or TELNET 144.38.16.2 6677
_____TELNET exuokmax.ecn.uoknor.edu 6677 or 129.15.20.11
_____TELNET caen.fr.eu.undernet.org 6677 or 192.93.101.16
_____TELNET caen.fr.eu.undernet.org 7766_(For dumb terminal)
_____TELNET obelix.wuwien.ac.at 6996 or 137.208.8.6 6996
_____TELNET irc.tuzvo.sk 6668 or TELNET 192.108.157.3 6668
_____TELNET irc.nsysu.edu.tw_(Login: = irc)
____TRY compiling own client rather than using these._(See above)_(Login: = irc)

__Chat Services_____TELNET englishserver.hss.cmu.edu
_____TELNET explorer.clark.net 1420
_____Somewhere_____TELNET 129.118.41.9 2010
_____FootHills_____TELNET marble.bu.edu 2010 or TELNET 128.197.10.75
2010
_____The Coffee House__TELNET 128.198.1.116 2525
_____Olohof's BBS_____TELNET morra.et.tudelft.nl 2993
_____DS9_____TELNET 128.8.11.201 3000
_____Mansion II_____TELNET 163.200.97.1 4000
_____Elec._Night Club__TELNET 129.215.162.64 4001_(Evenings Only)
_____CyberEden_____TELNET rivendel.slip.umd.edu 5000 or 128.8.11.201 5000
_____Davenport Beach___TELNET 129.74.80.116 7777
_____TeleChat_____TELNET speedway.net 7777

__Chess Servers   TELNET rafael.metiu.ucsb.edu 5000 or 128.111.246.2 5000
_____TELNET ics.uoknor.edu 5000 or 129.15.10.21 5000

__Chinese Chess_____TELNET coolidge.harvard.edu 5555 or 128.103.28.15 5555
        TELNET hippolytos.ud.chalmers.se 5555 or 129.16.79.39

__Cookie Servers TELNET astro.temple.edu 12345 or TELNET 129.32.1.100
_____TELNET argo.temple.edu 12345 or TELNET 129.32.32.102
____Offers: Funny quote or saying everytime you TELNET there.

__Crossword Server_____TELNET next7.cas.muohio.edu 8888 or 134.53.14.117 8888
____Offers: Internet server devoted to crossword games such as Scrabble.

__CyberSleaze Report__finger hotlist or adam@mtv.com_(Also: GOPHER mtv.com)
____Offers: Daily reports on entertainers and such.

__Diplomacy_____   mail judge@morrolan.eff.org or judge@dipvax.dsto.gov.au
               mail judge@shrike.und.ac.za or judge@u.washington.edu
____Offers: Play the Avalon Hill game Diplomacy via email._Bodyofletter: help

__Fingers for Fun_____finger info or drink or graph@drink.csh.rit.edu
_____finger coke@cs.cmu.edu or finger coke@xcf.berkeley.edu
_____finger pepsi or cocacola@columbia.edu
____Offers: Status of drink and candy machines for fun.
_____finger cyndiw@magnus1.com or cyndiw@198.242.50.4
____Offers: Weekly Trivia

__Game Server_____TELNET herx1.tat.physik.unituebingen.de
____Offers: Tetris,_Moria,_Nethack,_MUDs,_Text Adventures,_etc.__(Login: = games)

__GO Server   TELNET hellspark.wharton.upenn.edu 6969

__MultiTrek_____TELNET mtrek.netsys.com 1701 or TELNET 192.215.1.4
1701   Offers: Multiuser treklike game.

__Othello/Reversi_____TELNET faust.unipaderborn.de 5000 or 131.234.28.29

GEOPHYSICAL/GEOGRAPHICAL/GEOLOGICAL
__Earthquake Info._____finger quake@geophys.washington.edu_____[Wash.,_Oregon]
_____finger
quake@fm.gi.alaska.edu_____[Alaska]
_____finger quake@scec2.gps.caltech.edu____[Southern Calif.]
_____finger quake@slueas.slu.edu_____[Southern Illinois]
_____finger quake@seismo.unr.edu_____[Nevada and
California]
_____finger quake@andreas.wr.usgs.gov__[Northern California]
_____finger
quake@eqinfo.seis.utah.edu_[Utah,_Wyo.,_Montana]
_____TELNET geophys.washington.edu_(Login/password: quake)
_____TELNET bison.cc.buffalo.edu_(select INDX 4 Bib._server)
____Offers: Recent quake info_(location,_time,_magnitude,_etc.)

__Geographic Server____TELNET martini.eecs.umich.edu 3000 or 141.212.99.9 3000
____Offers: Info by city or area code_(Population,_Lat./Long.,_Elevation,_etc).

__Geological GOPHER____GOPHER info.er.usgs.gov

_____Offers: US Geological Survey GOPHER

__Global Land Info Sys TELNET glis.cr.usgs.gov or TELNET 152.61.192.54
_____Offers:Land use maps of U.S.,_graphs/data of geological info_(Login: = guest)

Global Electronic Market Service (Gems)
__Like the Sunday Newspaper with sections on business, travel, real estate, and other subjects.
WWW TO: www.gems.com/index.html

Global Online Home Page
__WWW to: "http://www.cityscape.co.uk".   This U.K. based World Wide Web page points to a number of other useful sites including an excellent Internet search page.   And they have that marvelous British Acent.

GNN, Global Network Navigator
__Offered by O'Reilly & Associates, this online hypertext navigator helps Internauts navigate the Net efficiently.
__WWW to: "http://nearnet.gnn.com/gnn/GNNhome.html".   Excetional design and content make this World Wide Web site one of the most frequently visited.
__URL: http://nearnet.gnn.com

GOPHER

Here's a list of very useful Gopher Servers

Microsoft   -   Download very useful Windows Files
gopher.microsoft.com

Art Gallery	INFOMARK
world.std com	marketplace.com
Altech Howe	International Discount Computer
world.std.com	gopher.qnet.com
Berkeley Unix	Moon Travel Handbooks
gopher.bsdi.com	gopher.moon.com
CD Publisbing Corp	Numerical Recipes
gopber.cdpublishing.com	cfata4.harvard.edu
Computer Express	Online Bookstore
cexpress.com 2600	marketplace.com
Computer Modeling	O'Reilly & Associates
telerama.lm.com	ora.com

Config.sys	Pathfinder Press
gopber.wariat org,	gopher.std.com
DirectWARE	The Programmer's Shop
gopher.nstn.ns.ca	world.std.com
Disk-O-Tape	Quantum Books of Cambridge
branch.com	world.std.com
Document Center	Sagacity Learning Universe
doccenter.com	tmn.com
FitzGerald Webber Marketing	Seaside Book @ Stamp
owl.nstn.ns.ca	gopher.nstn.ns.ca
Harmony Games	The Virtual Record Store
marketplace.com	gopher.nstn.ns.ca
Infinity Link Network Services	Wordsworth Books
columbia.com	gopher.wordsworth.com
InfoBook	1-800-JUDAISM
gopher.interlink.net	judaism.com

GOPHER Sites_____TELNET consultant.micro.umn.edu or TELNET 134.84.132.4
_____TELNET seymour.md.gov or TELNET 128.8.10.46
_____TELNET GOPHER.msu.edu or TELNET 35.8.2.61
_____TELNET twosocks.ces.ncsu.edu or TELNET 152.1.45.21
_____TELNET cat.ohiolink.edu or TELNET 130.108.120.25
_____TELNET wsuaix.csc.wsu.edu_/_134.121.1.40(Logn: wsuinfo)
_____TELNET TELNET.wiscinfo.wisc.edu _____(Login: = wiscinfo)
_____TELNET infoslug.ucsc.edu or
128.114.143.25___[INFOSLUG]
_____TELNET infopath.ucsd.edu___(Login: = infopath)
_____TELNET sunsite.unc.edu or TELNET 198.86.40.81
_____TELNET ux1.cso.uiuc.edu or TELNET 128.174.5.59
        TELNET panda.uiowa.edu or TELNET 128.255.40.201
_____TELNET inform.umd.edu or TELNET 128.8.10.29
_____TELNET solar.rtd.utk.edu or TELNET 128.169.112.24
_____TELNET grits.valdosta.peachnet.edu or 131.144.8.206
_____TELNET GOPHER.virginia.edu_/_128.143.22.36(Login: = gwis)
_____TELNET ecosys.drdr.virginia.edu or 128.143.96.10
_____TELNET nicol.jvnc.net or 128.121.50.2____(Login: =
NICOL)
_____TELNET finfo.tugraz.ac.at or 129.27.2.4__(Login: = info)

_____TELNET info.anu.edu.au or 150.203.84.20___(Login: = info)
_____TELNET tolten.puc.cl or TELNET 146.155.1.16_____[Chile]
_____TELNET GOPHER.denet.dk or TELNET 129.142.6.66_[Denmark]
_____TELNET GOPHER.thdarmstadt.de or TELNET 130.83.55.75
_____TELNET ecnet.ec or TELNET 157.100.45.2_____[Ecuador]
_____TELNET GOPHER.uv.es or TELNET 147.156.1.12_____[Spain]
_____TELNET GOPHER.isnet.is or TELNET 130.208.165.63_[Iclnd]
_____TELNET siam.mi.cnr.it or TELNET
155.253.1.40_____[Italy]_____TELNET GOPHER.torun.edu.pl or
158.75.2.5_____[Poland]_____TELNET info.sunet.se or TELNET
192.36.125.10___[Sweden] TELNET GOPHER.chalmers.se or
129.16.221.40_____[Sweden]_TELNET hugin.ub2.lu.se or TELNET
130.235.162.12[Sweden]_TELNET GOPHER.itu.ch or TELNET
156.106.4.76____[Switz.] TELNET GOPHER.brad.ac.uk or 143.53.2.5____(Login: =
info)   Offers: Access to other services,_GOPHERs,_documents,_etc.__(Login: =
GOPHER)

__GOPHER_____GOPHER englishserver.hss.cmu.edu
____Offers: Most comprehensive GOPHER I've seen so far,_it gets its own entry!
_____GOPHER cns.cscns.com
____Offers: ASCII Clip Art,_UPI News,_Commerce Biz Daily,_Classifieds

__GOPHERMail_____mail GOPHERmail@ncc.go.jp or
GOPHERmail@calvin.edu
           mail GOPHER@solaris.ims.ac.jp or mail GOPHER@earn.net
____Offers: Email access to GOPHER for those with email only access to Internet

Ham Radio Callbooks___TELNET callsign.cs.buffalo.edu 2000_/_128.205.32.2 2000
_____TELNET ns.risc.net or 155.212.2.2_(Login: = hamradio)
_____TELNET pc.usl.edu 2000 or TELNET 130.70.40.3 2000
___Offers: National ham radio call-sign callbook.__(Also: Amateur Radio above)

Harvest is a site and a set of tools designed to suck up online info.
Think of it as giant and more capable Archie. With modest effort,
users can tailor Harvest to digest information in many different
formats and offer custom search services on the Internet. Moreover,
Harvest makes efficient use of network traffic, remote servers, and
disk space. Demos include AT&T's 1-800 phone numbers, an index of WWW
home pages, 24,000 Computer Science technical reports, and six PC
software FTP sites. There's also technical info about Harvest itself.
Try a search using your URL to see how many people have links to yopage.

"http://harvest.cs.colorado.edu/"

High Tech Research

___Here's a link to hundreds of computer companies and their products.
___WWW to: "http://www-atp.llnl.gov/companies.html" Computer and
Communications Company
___Web Page.   This page is a good source of links to high-tech firms.
___This is a tremendous resource for finding information from thousands of companies
all around the world!

History Databases   TELNET ukanaix.cc.ukans.edu or TELNET 129.237.33.1
___Offers: _History databases_(Login: = history)_and CIS info_(Login: = exussr)
_____FTP byrd.mu.wvnet.edu_/_FTP 129.71.32.152(/pub/history)
_____TELNET clus1.ulcc.ac.uk or TELNET 192.12.72.60
___Offers: Docs,_archives,_comprehensive history server(Login/Password: ihruk)

HOW TO FTP
__WWW to: http://netcenter.com/roadmap/howtoftp.html"
__A brief refresher on how to transfer files on the Internet.

HOW TO GOPHER
__WWW to: http://netcenter.com/roadmap/gopher.html"
__A brief refresher on how to use a gopher on the Internet.

HP Calculator BBS   TELNET hpcvbbs.cv.hp.com or TELNET 15.255.72.16
___Offers: _BBS for HP Calc._users,_with chat mode.__(Login: = new)

Hpcwire   TELNET hpcwire.ans.net or TELNET 147.225.1.51
___Offers: Excellent menudriven information searches._(Login: = hpcwire)__

HyTELNET Servers_____TELNET access.usask.ca or TELNET 128.233.3.1
_____TELNET info.ccit.arizona.edu or 129.196.76.201
_____TELNET laguna.epcc.edu or 192.94.29.3__(Login: =
library)
_____TELNET info.anu.edu.au or 150.203.84.20_(Login: =library)
_____TELNET library.adelaide.edu.au_(Login: = access)
_____TELNET nctuccca.edu.tw or 140.111.1.10_____[TAIWAN]
_____TELNET info.mcc.ac.uk or TELNET 130.88.200.15
_____TELNET rsl.ox.ac.uk or TELNET 129.67.16.31
___Offers: univ._&_library catalogues around the world._(Login: = hyTELNET)

IEEE SPAsystem_____TELNET stdsbbs.ieee.org or TELNET 140.98.1.11
___Offers: Standards Process Automation System.__(Login: = guest)

INTERNATIONAL TRADE DIRECTORY
Very important resource of hundreds of companies in the Far East wanting contacts to
expand their import or export business.

WWW to: http://FarEast.Com/HongKong/directory.html

INTERNET AD EMPORIUM
__Advertising for all kinds of businesses.   Classified and business dossiers.
__WWW TO: http://mmink.cts.com/mmink/mmi.html

INTERNET BUSINESS PAGES
__Directory used like White Pages and Yellow Pages.
__Contact them with email to: netpages@aldea.com or info@aldea.com

INTERACTIVE YELLOW PAGES.
__WWW TO: http://netcenter.com/yellows.html
__Listings of many companies doing business both on and off the Internet.
__Part of the NETCENTERs Directory capabilities
__Provides advertising space on Internet and outside the net as well.

THE INTERNET COMPANY
__Will assist a company in bringing various projects to the net.
__Manages several mailing lists.   Also email forwarding.   Consulting services to setup
Gopher, FTP sites, WWW and more.
__for more info send email to: consulting@internet.com

Internet Distribution Services, Inc.
__Electronic marketing, publishing, and distribution services on the Internet.
__WWW TO: http://www.service.com/

Internet Guides/Docs__GOPHER una.hh.lib.umich.edu_(Select: inetdirs)

Internet Mall_____finger taylor@netcom.com or FTP netcom.com_/pub/Guides
___Offers: List of commercial products orderable online,_from CDs to Sunglasses

Internet Town Hall
__The town square where Internauts meet and browse general Internet information.
__WWW to: "http://www.town.hall.org/">   An offering of the up and coming Internet
Multicasting Service, the Town Hall provides business and other information.   There's a
restaurant menu too.

Internex Information Services
__Rental space on the Matrix Marketplace.
__email to: internex@internex.net

InterNIC   TELNET rs.internic.net or TELNET 198.41.0.5
___Offers: GOPHER,_WAIS,_Whois,_finger,_TONS of Internet info,_book orders,_etc

IP Address Resolver___mail resolve@cs.widener.edu
_____mail dns@grasp.insalyon.fr__(body of letter: help)

___usage: in bodyofletter: site_<address here>__Mails you IP address of site.

KiwiServer - Not from Australia!
   __WWW to: "http://kiwiclub.bus.utexas.edu/finance/kiwiserver/kiwiserver.html"
   __Kiwi Web Server from U of Texas.   Source of great economic data and a very useful Online Library.

LAW

   __Access_____TELNET access.uhcc.hawaii.edu or TELNET 128.171.7.167
   ____Offers: Legislative Info._Service,_Hawaii State Legislature.

   GOPHER LAW Servers___TELNET fatty.LAW.cornell.edu or TELNET 132.236.108.5
        _____TELNET GOPHER.LAW.csuohio.edu or TELNET 137.148.22.51
                                 TELNET acc.wuacc.edu or 192.104.1.2__(Login: = washlaw)
   ____Offers: Law info._via GOPHER.__(Login: = GOPHER)

   __Law Library_____TELNET liberty.uc.wlu.edu or TELNET 137.113.10.35
            FTP sulaw.law.su.oz.au_(cd_/pub/law)
   ____Offers: Law libraries and legal research._(Login: = lawlib)
        ____Offers copies of laws for each state/computer laws,_and more!

   __LawNet   TELNET lawnet.law.columbia.edu or TELNET 128.59.176.83
   ____Offers: Law/Judicial info and catalogs access.__(Login: = lawnet)

   __Supreme Court Rulings FTP FTP.cwru.edu
   ____Offers: ASCII files of Supreme Court rulings in directory_/hermes

   __WWW Law Servers_____TELNET WWW.LAW.indiana.edu or TELNET 129.79.131.170
        _____TELNET fatty.LAW.cornell.edu or TELNET 132.236.108.5
   ____Offers: Hypertext access to legal documents_(Login: = WWW)

Le Louvre
   __See the most famous paintings in the world on your Screen from the Louvre in Paris.
   __WWW TO: "http://mistral.enst.fr/~pioch/louvre/. This won the best use of MultiMedia Aware Documents on the Internet.   You'll see why as soon as you go to WebLouvre.   C'est Marveileuse!

   (If you want to see how to make artistic presentations on the Internet, this is the place to start.   )

LIBRARIES

THE LIBRARY OF CONGRESS:

__With links to many other related resources for finding books.
__WWW to: "http://lcweb.loc.gov/homepage/lchp.html"

SEE ALSO - ONLINE BOOKSTORES

    TELNET info.anu.edu.au or TELNET 150.203.84.20
_____TELNET nessie.cc.wwu.edu or TELNET 140.160.240.11
_____TELNET garam.kreonet.re.kr or 134.75.30.11_(Login: = nic)
___Offers: Access to nearly all online services seen in this list_(Login: = LIBS)

List of Lists   FTP crvax.sri.com or FTP 128.18.30.65
    ___Offers: List of interest groups/email lists in interestgroups.

LITERATURE/BOOKS

NETCENTER BOOKSTORE
    __An Online Bookstore with Electronic Books.
    __WWW TO: http://netcenter.com/netcentr/bookstor/index.html

    __Dartmouth Library____TELNET library.dartmouth.edu or 129.170.16.11
    _____Offers: Divine Comedy and reviews._____(connect dante)
    _____Read/Find passages in the King James Bible__(select file bible)
      ___Read/Find passages in Shakespeare's plays___(select file s plays)
       ___Read/Find passages in Shakespeare's sonnets_(select file s sonnets)

    __Leeds Db of Verse____TELNET bcmsv.leeds.ac.uk or TELNET 129.11.128.108
    _____Offers: _Database of Eng._poetry in the 17/18th c._(Login/Password: bcmsv)

    __Project Gutenberg____FTP mrcnext.cso.uiuc.edu or FTP 128.174.201.12
    _____Offers: Many books in print and almanac files.___cd pub/etext

Lighthouse Productions
    __Will set up your Storefront, Classified, HomePage, FTP or Gopher in the
    NETCENTER, the CENTER of the Internet.   To see what were building, WWW TO:
    http://netcenter.com.   For more info email to: lite@netcom.com.   Assistst all kinds of
    business categories.   Home of the Interactive Yellow Pages and the Official Roadmap to
    the Information Superhighway.

MARKETING RESEARCH

MARKETBASE ONLINE CATALOG OF GOODS AND SERVICES
    __Online service for businesses who want to set up a store front presence.
    __GOPHER TO: mb.com port 70.
    __Telnet to: mb.com   login: = mb
    __Extensive.

MarketPlace from Cyberspace
___Another Shopping Mall.   They will assist you in placing your Storefront here.
___Brochures, Information Center, or Storefront.
___email to: info@marketplace.com

MEDICAL/HEALTH/BIOLOGY/GENETICS
___Anesthesiology GOPHER GOPHER eja.anes.hscsyr.edu
_____Offers: Lots of medical info,_archives,_and positions.

___Biology GOPHERs_____GOPHER fragrans.riken.go.jp
_____GOPHER dna.cedb.uwf.edu

___Biological Services__mail grail@ornl.gov_("help"_in body of message)
_____Offers: Service predicting intronexon splice sites in vertebrate genes.
_____TELNET atcc.nih.gov or TELNET 156.40.144.248
_____Offers: American Type Culture Collection_(Login: = search__Password: common)
_____GOPHER life.anu.edu.au
_____Offers: Access to lots of biological sciences information.

___CancerNets_____mail cancernet@icicb.nci.nih.gov
_____Offers: Cancer info._statements thru email._Bodyofletter:help or spanish
             GOPHER GOPHER.nih.gov__(Health_&_Clinical Information/)
_____GOPHER gan.ncc.go.jp
_____TELNET txcancer.mda.uth.tmc.edu or TELNET 129.106.60.97
_____Offers: Texas Cancer Data Center.__(Login: = TCDC)_(See also: NICOL)

___CHAT   TELNET debra.dgbt.doc.ca or TELNET 142.92.36.15
_____Offers:Interactive AIDS_&_Epilepsy docs,simulated conversation(Login: = chat)

___Educational Tech Net TELNET etnet.nlm.nih.gov or TELNET 130.14.10.123
_____Offers:Forums and discussion groups on medical tech._and edu.(Login: = etnet)

___Genetics Banks_____mail geneserver@bchs.uh.edu
__ _____mail retrieve@ncbi.nlm.nih.gov
__ _____mail blast@ncbi.nlm.nih.gov_("help"_in body of message)
_____mail genmark@ford.gatech.edu
_____mail blocks@howard.fhcrc.org
_____mail cbrg@inf.ethz.ch_("help"_in body of message)
_____mail QUICK@EMBLHeidelberg.DE
_____mail NETSERV@EMBLHeidelberg.DE
_____Subject: help__Offers: genetic database/nucleic__acid/protein sequence.

___Genomic Database_____TELNET morgan.jax.org or TELNET 192.233.41.26
_____Offers: Genomic Database of the Mouse.__(Login: = guest)

___Handicap/Med._Sites__FTP handicap.shel.iscbr.com or FTP 129.189.4.184

_____Offers: anonymous FTP of software and medical info._
_____TELNET bongo.cc.utexas.edu or TELNET 128.83.186.13
_____Offers: Aids user in finding disability assist._equip._&_serv.(Login: = tatp)

__Healthline Info._DB__TELNET selway.umt.edu or GOPHER selway.umt.edu 700
_____Offers: Drug_&_alcohol info,_sexuality/AIDS info,_etc._(Login: = health)

__Nursing GOPHER_____GOPHER nightingale.con.utk.edu
_____Offers: Nursing info on research,_practice,_education,_publications,_etc.

Monochrome   TELNET mono.city.ac.uk or TELNET 138.40.17.11
___Offers: Multiuser messaging system_(w/_chat)_(Login/Password: mono)

MOSAIC - WHERE TO GET IT

See the chapter on How to Get Internet Access on the Table of Contents for the newest and latest
Internet Access Account
with Spry Air Mosaic.   Voted the Best and Editors Choice by PC Magazine.

NCSA Mosaic for WINDOWS
http:t/www.ncsa.uiuc.edu/SDG/Software/WinMosaic/HomePage.html
FTP to ftp.nc.uiuc.edu
Directory: /PC/Mosaic/
File: wmos20a5.zip

NCSA Mosaic for the MacIntosh
FTP to ftp.nasa.uiuc.edu
Directory: /Mosaic/Mac/

DirMosaic demo version
FTP to ftp.spry.com
Directory: /vendor/spry/demo/

ElNet MacWeb
MacWeb is a World-Wide Web, hypertext browser
FTP to ftp.einet.net
Directory: /einet/mac/macweb/
File: macweb.latest.sea.hqx

Movie Database Reqest movie@ibmpcug.co.uk with_"HELP"_in body of message
___Offers: Info on actors,_directors,_movies,_etc.

MUSIC
__Billboard Charts   finger buckmr@rpi.edu

____Offers: U.S._Top Pop singles for the week.

__Guitar Chords/TAB   FTP FTP.nevada.edu or FTP 131.216.1.11
____Offers: Tablature/Chords for guitar in_/pub/guitar._Also at FTP.uu.net

__Lyric/Music Server   FTP FTP.uwp.edu
____Offers: Lyrics,_chords/tablature,_and music pictures._(/pub/music/...)

__Music_&_Brain Dbase TELNET mila.ps.uci.edu or TELNET 128.200.29.81
____Offers: Research on music related to behavior.(Login: = mbi Password: nammbi)

__Music Newsletter   mail listserv@vm.marist.edu_(internet)_or
          mail listserv@marist_(bitnet)
___Bodyofletter: SUBSCRIBE upnews_<your full name>__Offers: Reviews,_intviews

__Sid's Music Server___mail ssowder@copper.ucs.indiana.edu
____Subject: BOOTHELP__Offers: Lists of rare live recordings,_cd's for sale.

__Used Music Server   mail usedmusicserver@wang.com w/_subject: help
____Offers: Users can buy/sell/trade CDs/LPs/Tapes or subscribe to the list.

__Music List of Lists__mail mlolrequest@wariat.org_(music list of lists)

NEWS
__Electronic Journals__GOPHER GOPHER.cic.net or GOPHER 192.131.22.5
_____TELNET enews.com or TELNET 192.215.1.51_(Login: =
GOPHER)
____Offers: Access to MANY electronic journals_(Select Elec._Serials)

__Global News Navig.___URL for http://nearnet.gnn.com/gnn.html
____Offers: O'Reilly's GNN,_accessable with URL above via Mosaic or Lynx.

__ListPeriodic Posts__finger nichol@stavanger.sgp.slb.com
____Offers: Listing of all FAQs,_lists,_and periodic postings to Usenet news.

__News Mail Servers   mail newsgroupname@cs.utexas.edu
_____mail news.group.name.usenet@decwrl.dec.com
____Offers: Post to Usenet news via email._

__NNTP Server List_____finger lesikar@tigger.stcloud.msus.edu
____Offers: A list of publicly accessible NNTP news servers.

__Russia/America News__TELNET solar.rtd.utk.edu or TELNET 128.169.112.24
____Offers: Provides news,_weather,_geog.,_etc for each nation._(Login: = friends)

__UPI News Index_____GOPHER cns.cscns.com_(Select: CNS/_|_News UPI News/)

__USA Today_____TELNET freenetin[a,b,c].cwru.edu or 129.22.8.51
_____TELNET yfn2.ysu.edu or 192.55.234.50_(Login: = visitor)
____Offers: USA Today Headline News,_Sports,_etc...

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The Bible of Usenet aspires to be THE newsgroup reference. It will
present info on every newsgroup out there: descriptions, FAQ files, moderators, archives, and
traffic volume. You can help by contributing a newsgroup description or archived site.
Read the FAQ. The work in progress can be reached at the URL below, but careful - it's
500 K and growing.
"ftp://ftp.clark.net:/pub/usenet-b/info/bible-faq"
   "ftp://ftp.clark.net:/pub/usenet-bible/report/"

Nielsen TV Ratings   finger normg@halcyon.halcyon.com
___Offers: Weekly TV ratings according to the Nielsen rating system.

Oracle mail oracle@cs.indiana.edu__w/_subject: help
___Offers: The Usenet Oracle answers all your questions!_

Non-Profits

WWW TO: http://www.ai.mit.edu/people/ellens/non.html.">   Non-Profit Organizations
on the Internet.   The other side of the Internet.   Commerce is Internet non-profit and this
is a superb collection.

ONLINE TRADE SHOWS
__1st Online Trade Show, ComOnLine (Tm)   See demonstrations of the latest computer
hardware and software intros.   WWW TO:
http://netcenter.com/netcentr/col/index.htm"

ONLINE CATALOGS
__WWW to: http://netcenter.com/netcentr/mall/videos/clark.html"
__A great look at how to set up an Online Catalog.

ONLINE STORES
__WWW to: http://netcenter.com/netcentr/mall/index.html"
__A great look at how to set up an Online Shopping presence.

PATENTS
__Patent Titles by E-mail: weekly mailings of al patents issues, information on
__ordering, information on specific patents
__email to: patents-request@world.std.com

Pizza

__How about a Pizza Tonight?
__The PIZZANET.   Truly Amazing.   Your order gets routed to the Pizza Hut in your area and a fresh, hot Pizza is delivered within minutes.   What an Age we live in.
__WWW to: http://www.pizzahut.com

POLITICS/GOVERNMENT
__Air Pollution BBS____TELNET ttnbbs.rtpnc.epa.gov or TELNET 134.67.208.177
____Offers: Various BBS'_that cover a wide range of Air Pollution information

__Al Gore has a wonderful new initiative to help them 'Reinvent the Government'.   Go here with all your ideas and suggestions.   Also good research for Political Scientists. Many government agencies are participating.   Wait a while for them to let the rest of us in.
WWW to: http://www.npr.gov.

__ACE_____mail info@ace.esusda.gov w/_"send help"_in body of msg
____Offers: Americans Communicating Electronically.__(Gov't docs via email)

__Census Information___GOPHER GOPHER.census.gov
____Offers: Access to U.S._government's census information.

__Congress Email/FTP___mail congress@hr.house.gov and FTP FTP.senate.gov

__FedWorld Gateway_____TELNET fedworld.doc.gov or TELNET 192.239.92.201
____Offers: Access to lots of gov't databases,_files,_libraries,_etc.

__Government GOPHERs___GOPHER wiretap.spies.com_(Also see: cns.cscns.com)
_____TELNET/GOPHER iitf.doc.gov_(Login: = GOPHER)
____Offers: The latter is the Information Infrastructure Task Force GOPHER.

__Iowa Polit._Stk Mkt__TELNET iem.biz.uiowa.edu or 128.255.44.2
____Offers: Buy_&_sell shares in political candidates and other stuff.

__Israel Info._Service GOPHER israelinfo.gov.il
____Offers: Latest developments in Israel,_gov't info.,_peace relations,_maps.

__Library of Congress__TELNET locis.loc.gov or TELNET 140.147.254.3
____Offers: Library of Congress Information System_(LOCIS)_Offers access
____to lib._of congress,_legislative info,_and copyright info.

_____TELNET/GOPHER marvel.loc.gov or TELNET 140.147.2.69
____Offers: LOC GOPHER,_with access to lots of gov't docs._(Login: = marvel)

__White House Releases mail ClintonInfo@Campaign92.Org with the subject: Help
____Offers: Subscribe to White House press releases_(news,_speeches,_etc.)

__White House Summaries mail almanac@esusda.gov_(in msg: subscribe whsummary)
____Offers: Daily mailing of summary of White House press releases.

__Window on Gov't_____TELNET window.texas.gov or TELNET 192.198.66.186
____Offers: Governmentrelated info,_and lots of info on state of Texas.

Psychology GOPHER_____GOPHER panda1.uottawa.ca 4010
___Offers: Psychologyrelated GOPHER.

PublicAccess Unix   TELNET nyx.cs.du.edu or 130.253.192.68____(Login: = new)
_____TELNET cyberspace.org or 152.160.30.1_(Login: = newuser)
___Offers: _Free account,_with access to various UNIX features_(news,_etc)

PublicAccess Unix____TELNET hermes.merit.edu or TELNET 35.1.48.150
            TELNET mnet.annarbor.mi.us or TELNET 35.208.17.4
___(Which host: ummnet__Enter_'g'_for guest.__Login: = newuser)

Recipe Archives   FTP gatekeeper.dec.com__(cd pub/recipes)
            FTP mthvax.cs.miami.edu_(cd pub/recipes)
_____FTP FTP.neosoft.com_____(cd pub/rec.food/recipes)
_____FTP cs.ubc.ca_____(cd pub/local/RECIPES)
___Offers: Anonymous FTP site for MANY food recipes.

RELIGION/BIBLE

__Christian Resources__FTP iclnet93.iclnet.org
____Offers: List of WWW,_FTP,_emails_(/pub/resources/christianresources.txt)

__Gabriel's Horn_____TELNET 138.26.65.78 7777_(Also see Dartmouth above)
____Offers: Returns a Bible verse from the Old or New Testament

__Jerusalem One GOPHER GOPHER jerusalem1.datasrv.co.il
____Offers: Electronic Jews library,_info on Jewish orgs,_travel,_Israel info.

__JewishNet_____TELNET vms.huji.ac.il or TELNET 128.139.4.3
____Offers: WWW w/_info._on mailing lists,_restaurants,_etc._(Login: = JEWISHNET)

__NYIsrael GOPHER_____GOPHER israel.nysernet.org 71
____Offers: Jewish libraries,_lists,_projects,_holocaust info,_etc.

ROADMAP TO THE INFORMATION SUPERHIGHWAY (OFFICIAL)

__WWW TO: http://netcenter.com/roadmap/roadmap.html
__Directory of HowTo find your way around the Internet as well as direct links.   Help
File Found in Compuserve, Winshare Forum, Lib 10 (Gen, Win Apps) and AOL, in

Computing Department, Windows Section, Reference Library.   Look for Roadmap*.zip (*=latest version number).   Also on EXEC-PC, uncer Files, Free Area, Lighthouse Books, List Files.   (414-789-4360 9600 BD & 414-789-4210 2400Bd)   This list is updated on the Roadmap each month.

ROLLING STONES, THE BAND

  __The World's Greatest Rock N' Roll Band? (Maybe, after the Beattles).
  __WWW to: "http://www.stones.com.mbone">Lots of Fun and Marketing hype.

SCIENCE/MATH/STATISTICS
  __ASCinfo_____TELNET asc.harvard.edu or TELNET 128.103.41.101
  ____Offers: Info._relating to Advanced XRay Astrophy._Facility_(Login: = ascinfo)

  __EMath   TELNET emath.ams.com or 130.44.1.100
  ____Offers:Am._Math._Soc._bbs w/_software and reviews._(Login/Password: emath)

  __GAMS_____TELNET gams.nist.gov or TELNET 129.6.80.11
  ____Offers: _NIST Guide to Available Mathematical Software._(Login: = gams)

  __Math GOPHER_____GOPHER archives.math.utk.edu
  ____Offers: Math archives_(software,_teaching materials,_other GOPHERs)

  __NetLib   mail netlib@ornl.gov or mail netlib@uunet.uu.net
  ____Offers:Math_(usually Fortran)_programs via email Bodyofletter: send index

  __Nuclear Data Center   TELNET bnlnd2.dne.bnl.gov or TELNET 130.199.112.132
  ____Offers: National nuclear data.__(Login: = nndc)

  __Particle Information TELNET muse.lbl.gov or TELNET 131.243.48.11
  _____Offers: Lookup information on any particle!_(Login: = pdg public)

  __Periodic Table_____TELNET camms2.caos.kun.nl 2034 or 131.174.82.239 2034
  ____Offers: electronic periodic table of elements.

  __StatLib Server   mail statlib@lib.stat.cmu.edu
  ____Mail with line: send index._Offers:Prgms,_Datasets,_etc._for statisticians.

  __STIS   TELNET stis.nsf.gov or 128.150.195.40
  ____Offers: Science_&_Technology Information System._(Login: = public)

  __The Scientist_____FTP ds.internic.net__(cd pub/thescientist)
  ____Offers: Biweekly paper targeted at science professionals

SERVICES   TELNET library.wustl.edu or TELNET 128.252.173.4
  ___Offers: Access to nearly every listed service!_(Login: = hit return)

SFI BBS   TELNET bbs.santafe.edu_(Login: = bbs)
___Offers: Research BBS provides access to info._on Complex Systems.

SCIENCE AND TECHNOLOGY INFORMATION SYSTEM:
__National Science Foundation information, grant material, and databases.
__Telnet to: stis.nsf.gov   login: = public

SCO
The Creators of UNIX.   Very good resources for anyone interested in Networks, Mosaic,
World Wide Web Servers, Etc.
WWW to: http://www.sco.com

SHOPPING MALLS

The Netcenter Shopping Mall.   One of the Best.
__WWW to: http://netcenter.com/netcentr/mall/index.html"
__A great look at how to set up an Online Shopping presence.

The Silver Platter.   Search the WWW for subject matter.
__WWW to: http://www.silverplatter.com

SOFTWARE/Information SERVERS
__Info/Software Server   TELNET rusinfo.rus.unistuttgart.de or 129.69.1.12
____Offers: journals,_unix stuff,_recipes,_online cookbook,_etc._Login: = info

Software Server(ASK)_TELNET askhp.ask.unikarlsruhe.de or 129.13.200.33
____Offers: _Online software search.__(Login/password: ask)

__ZIB Electronic Libr._TELNET elib.zibberlin.de or TELNET 130.73.108.11
____Offers: Library of software,_links to other libraries._(Login: = elib)

SPACE/ASTRONOMY
__CASS_____TELNET cass.jsc.nasa.gov or TELNET 192.101.147.17
____Offers: Center for Advanced Space Studies_(Login: = cass Passowrd: online)

__EnviroNet_____TELNET envnet.gsfc.nasa.gov or TELNET 128.183.104.16
____Offers: Space environment resource.__(Login: = envnet Password: henniker)

__Europe Space Agency__TELNET esrin.esa.it or TELNET 192.106.252.1
____Offers: Access ESA PID_(Prototype Info Dir)_&_ESIS_(Eur._Space Info System)

__FIFE   TELNET pldsg3.gsfc.nasa.gov or TELNET 128.183.36.16
____Offers: Science,_etc._databases from satellites,_etc._(Login: = FIFEUSER)

__NASA Headline News___finger nasanews@space.mit.edu

_____Offers: Recent press releases from NASA._(See also SpaceNews)

__NASA SpaceLink_____TELNET spacelink.msfc.nasa.gov or TELNET 192.149.89.61__Offers: Latest NASA news,_including shuttle launches and satellite updates.

__NASDA   TELNET nsaeoc.eoc.nasda.go.jp or TELNET 133.56.72.1
_____Offers: National Space Development Agency of Japan_(Login: = nasdadir)

__NED_____   TELNET ned.ipac.caltech.edu or TELNET 134.4.10.118 ofers: NASA Extragalactic Database.__Bibbliographies,_info._(Login: = ned)_

__NODIS   TELNET nssdc.gsfc.nasa.gov or TELNET 128.183.36.25
          TELNET nssdca.gsfc.nasa.gov or TELNET 128.183.36.23
_____Offers:Menudriven access to Nat'l Space Science Data Center_(Login: = nodis)

__SDDAS   TELNET espsun.space.swri.edu 540 or 129.162.150.99 540
_____Offers: SW Research Data Display_&_Analysis Center._

__SEDS GOPHER_____TELNET/GOPHER seds.lpl.arizona.edu or 128.196.64.66 ffers: Images,_software,_satellite elements,_etc._(Login/passwrd: GOPHER)

__SpaceMet   TELNET spacemet.phast.umass.edu or 128.119.50.48
_____Offers: Science/space bbs about space exploration w/_info from NASA.

__SpaceNews_____finger magliaco@pilot.njin.net
_____Offers: Weekly publication of space news._(See also Nasa Headline News)

__STInfo   TELNET stinfo.hq.eso.org__Also: GOPHER stsci.edu
_____Offers: Reports about Hubble Telescope,_press releases_(Login: = stinfo)

SPORTS

__Scores/Standings finger mlb@spam.wicat.com or mlb@192.150.148.62__(Baseball)
_____finger jtchern@headcrash.berkeley.edu_____(Baseball)
_____finger nfl@spam.wicat.com or nfl@192.150.148.62__(Football)
_____finger nflline@spam.wicat.com_(NFL Line Spreads)
_____Offers: Football scores,_standings,_and next weeks schedule.

__Sports Schedules NBA:TELNET culine.colorado.edu 859_/_128.138.129.170 859
          ___NHL: TELNET culine.colorado.edu 860_/_128.138.129.170 860
          ___MLB: TELNET culine.colorado.edu 862_/_128.138.129.170 862
          NFL: TELNET culine.colorado.edu 863_/_128.138.129.170 863
_____finger copi@oddjob.uchicago.edu for sports schedules
_____Offers: Sports schedules online.__help for help,_return for today's games.

STOCKS & BONDS
__   Newsgroup: Clari.biz.market.dow.   Stock & Bond closing prices.   Also
__Clari.biz.market.ny, New York Stock Exchange: Clari.biz.market.otc. Most __active
Over-the Counter stocks, trends etc.   Clari.biz.report - Mutual Funds.
__Clari.biz.economy - articles of interest t the businsess community, Mortgage __rates,
Farm Price report, GNP, Jobless Rate, CPI, etc.

TECHNOLOGY

__WWW TO: "http://fuji.Stanford.edu/Japan_information_guide.html"   U.S.-Japan
Technology Management Center.   A crucial site for any U.S. firm dealing in Japan.
These pages can be found in the X-guide to Japan Information Resources.

TELERAMA
__Internet Access, Domain name registration, tutorials, Gopher, and FTP space rentals.
They also have a mall.   Their main menu looks like a city with Bus Stop, Library, Visitor
Info, etc.
__email to: sysop@telerama.pgh.pa.us

TRADE SHOWS
__1st Online Trade Show, ComOnLine (Tm)   See demonstrations of the latest computer
hardware and software intros.   WWW TO:
http://netcenter.com/netcentr/col/index.htm"

TRAVEL
__Subway Navigator_____TELNET metro.jussieu.fr 10000 or 134.157.0.132 10000
____Offers: Search subway routes of major cities,_in French or English.

The Travel Center.
__Find exotic and interesting places to travel offering special travel bargains.
__WWW TO: http://netcenter/netcentr/travel/index.htm"

__Travel Info._Library__FTP FTP.cc.umanitoba.ca or FTP 130.179.16.24
____Offers: Travelogues,_guides,_FAQs.__cd to the directory_"rectravel"

UNC BBS   TELNET launchpad.unc.edu or TELNET 152.2.22.80
___Offers: Usenet News,_Lib._of Congress,_nationwide libs.__(Login: = launch)

USER LOOKUP SERVICES/WHOIS SERVICES
__Mail Srvr/Usr Lookup mail mailserver@rtfm.mit.edu
____in body of mail message: send usenetaddresses/[name searching for]

__Netfind User Lookup   TELNET bruno.cs.colorado.edu or TELNET 128.138.243.151
_____TELNET cobber.cord.edu or TELNET 138.129.1.32
_____TELNET pascal.sjsu.edu or TELNET 130.65.86.15

_____TELNET mudhoney.micro.umn.edu or TELNET 134.84.132.7
_____TELNET redmont.cis.uab.edu or TELNET 138.26.64.4
_____TELNET ds.internic.net or TELNET 198.49.45.10
_____TELNET netfind.oc.com or TELNET 192.82.215.88
_____TELNET archie.au or TELNET 139.130.4.6
_____TELNET netfind.anu.edu.au or TELNET 150.203.2.14
_____TELNET netfind.if.usp.br or TELNET 143.107.249.132
_____TELNET netfind.ee.mcgill.ca or 132.206.62.30
_____TELNET malloco.ing.puc.cl or TELNET 146.155.1.43
_____TELNET netfind.vslib.cz or TELNET 147.230.16.1
_____TELNET nic.nm.kr or TELNET 143.248.1.100
_____TELNET lincoln.technet.sg or TELNET 192.169.33.6
_____TELNET nic.uakom.sk or TELNET 192.108.131.12
_____TELNET monolith.cc.ic.ac.uk or TELNET 155.198.5.3
_____TELNET lust.mrrl.lut.ac.uk or TELNET 158.125.220.7
_____TELNET dino.conicit.ve or TELNET 150.188.1.10
____Offers: Give a name and organization or school,_this finds   a use for you.. (Login: = netfind)

Underworld Industries Shopping Maul

__Online Catalogs for the weird/cool/fringe type. University of Michigan
__email to: uwi@pobox.pds.med.umich.edu

UUCP

__map entries by mail: __mail dns@grasp.insalyon.fr_(body: help)
___usage: in bodyofletter: uucp uucp site__Mails you UUCP map entry

Videos

__WWW TO: "http://netcentr/mall/videos/clark.html"   Special Interest - How-To Videos.
__Click Here for an extensive catalog of Ho-To Videos in all categories.   Entertainment Videos too.

Virtual Hospital

__A Consortium of West Coast health care facilities that provide medical news and information for browsers.   WWW TO: http://vh.radiology.uiowa.edu

WAIStation   TELNET quake.think.com or TELNET 192.31.181.1
_____TELNET wais.com or TELNET 192.216.46.98
_____TELNET swais.cwis.uci.edu or 128.200.15.2
_____TELNET sunsite.unc.edu or TELNET 198.86.40.81
_____TELNET info.funet.fi or 128.214.6.100__(Login: = info)
_____TELNET wais.nis.garr.it or 192.12.192.10_(Login: = wais)
___Offers: Wide Area Info._Service._(Login: = swais)

WEATHER/ATMOSPHERIC/OCEANIC
__Auroral/Solar Report finger aurora@xi.uleth.ca or finger aurora@142.66.3.29
_____finger solar@xi.uleth.ca or finger solar@142.66.3.29
_____finger daily@xi.uleth.ca or finger daily@142.66.3.29
____Offers: Auroral activity warnings/watches/sightings,_updated hourly.
____Solar_=_3Hourly solar_&_Geophysical report,_Hourly or Daily

__Avalanche Forecast___mail snowfall@dcs.glasgow.ac.uk__with a blank message

__Emergency Info._____TELNET oes1.oes.ca.gov 5501 or 134.186.127.1 5501
____Offers: State of Cali.__Governor's Office of Emergency Services
_____GOPHER vita.org
____Offers: Disaster Information Center with disaster reports & data.

__Flood GOPHER/Info____TELNET idea.ag.uiuc.edu or TELNET 128.174.123.126
_____TELNET exnet.iastate.edu or TELNET 129.186.20.200
____Offers: Tons of files for coping with floods and hurricanes_(Login: = flood)

__NOAA_____TELNET esdim1.nodc.noaa.gov or TELNET 140.90.235.168
____Offers: Nat'l Oceanic and Atmos._Admin.__Lots of data!__(Login: = noaadir)

___Oceanic Info._Center TELNET delocn.udel.edu or TELNET 128.175.24.1
____(Login: = info)

__Tropicl Strm Forecst finger forecast@typhoon.atmos.colostate.edu
____Offers: Seasonal forecast for Atl._Ocn._Also: finger forecast@129.82.107.24

__Weather Services_____TELNET downwind.sprl.umich.edu 3000 or 141.212.196.177
_____TELNET wind.atmos.uah.edu 3000 or 146.229.8.2 3000
_____TELNET nevado.SRCC.lsu.edu_____(Login: = srcc)
_____GOPHER wx.atmos.uiuc.edu or GOPHER 128.174.80.10
_____mail jfesler@netcom.com w/_subj: "#weather_{code}"
____Offers: City/State forecasts,_ski conditions,_earthquake reports,_etc.
_____TELNET vicbeta.vic.bom.gov.au 55555 or 134.178.130.2
____Offers: Weather service for Australia.
__ Dictionary Servers____TELNET cs.indiana.edu 2627 or 129.79.254.191 2627
_____TELNET chem.ucsd.edu or 132.239.68.1_(Login: = webster)_
_____GOPHER wombat.doc.ic.ac.uk
_____mail jfesler@netcom.com w/_subj: "#webster_{word}"
___Offers: Dictionary/Spelling service.__Type_"HELP"_for info.__(ALL CAPS!)

WHAT'S NEW

__Find out What's New on the World Wide Web and elsewhere on the Internet.
__Updated every week.   WWW to: "http://www.directory.net"

__Another Great Resource: WWW to:
http://www.ncsa.uiuc.edu/SDG/Software/Mosaic/Docs/whats-new.html"
__You will also want to list your HomePages here to gain the Maximum exposure.

Whois Services_____TELNET rs.internic.net or TELNET 198.41.0.5
_____mail service@rs.internic.net__(w/_subject: help__OR
send RFCxxxx.TXT,_with xxxx being the RFC number)
_____TELNET info.cnri.reston.va.us 185__(Knowbot Info Serv.)
_____TELNET garam.kreonet.re.kr or 134.75.30.11_(Login: = nic)
_____TELNET paradise.ulcc.ac.uk or 128.86.8.56__(Login: =
dua)
FTP sipb.mit.edu_(pub/whois/whoisservers.list)
_____Offers: Way to find internet address given a keyword._To access type: whois

WORLD SOFTWARE TOOL & DIE.
__Corporate mailboxes, domain name registration, mailing lists, FTP and Gopher sites.
On-site Internet Training.
__email to: office@world.std.com

WorldWide Web   TELNET WWW.njit.edu or TELNET 128.235.163.2__(USA_[NJ])
_____TELNET ukanaix.cc.ukans.edu or 129.237.1.30__(USA_[KA])
_____TELNET WWW.twi.tudelft.nl___(Login: =
lynx)_[NETHERLANDS]
_____TELNET millbrook.lib.rmit.edu.au_(Login: = lynx)_[AUSSIE]
TELNET info.cern.ch or TELNET 128.141.201.74_____[SWISS]
TELNET vms.huji.ac.il or TELNET 128.139.4.3_____[ISRAEL]
_____TELNET sun.uakom.sk or TELNET
192.108.131.11_[SLOVAKIA]
_____TELNET WWW.edu.tw or TELNET
192.83.166.10_____[TAIWAN]
___Offers: Access to various documents,_lists,_and services._(Login: = WWW)

WORLD WIDE WEB RESOURCES

HTML Language Manual
http://www.utirc.utoronto.ca:3232/HTMLdocs/NewHTML/intro.html

HTML Primer
http://www.vuv.ac.nz/who/Nathan Torkington/ideas/www-html.html

The CyberWeb: Resources for WWW Developers
http://ww v.charm.net/~web
Contact: web@charm.net
CyberWeb is an extensive collection of WWW building

tools.   Excellent starting point for exploring available WWW design and use.

WWW & HTML Developer's JumpStation
http://oneworld.wa.com/htmldev/devpage/dev-page.html

Online Conferences
A list of mailing lists and Usenet News groups related to WW@v
http://www.leeds.ac.uk/ucs/WWW/WWW_mailing_lists.html

Style Guide for Online Hypertext
By Tim Berners-Lee (timbl(@info.cern.ch)
http://info.cern.ch/hypertext/WWW/Provider/Style/Overview.html
This is essential reading for anyone thinking of designing their
own WWW/Mosaic storefront. The Style Guide will show you how to
create HTML files.

A Beginner's Guide to HTML
http://www.ncsa.uiuc.edu/demoweb/html-primer.html

Introduction to HTML documentation
http://www.utirc.utoronto.cu/HTMLdocs/NewHTML/intro.html

HTML Documentation Table of Contents
http://www.utirc.utoronto.ca/HTMLdocs/NewHTMLl/htmlindex.html

A Beginner's Guide to URls
http://www.ncsa.uiuc.edu/demoweb/url-primer.html

The World Wide Web - tools for aspiring web weavers
http://www.nas.nasa.gov/RNR/Education/geninfo/html

Entering the World Wide Web: A Guide to Cyberspace
http://epics.aps.anl.gov/demo/guide/www.guide.html

Crash course on writing documents for the Web
http://www.ziff.com/~eamonn/crash_course.html

The World Wide Web (WWW) FAQ
http://siva.cshl.org/~boutell/www_faq.html

WWW Robots, Wanderers and Spiders
http://web.nexor.co.uk/doc/robots/robots.html

Winsock Application FAQ
    http:/www.ramp.com/~cs

A List of Browsers
http://info.cern.ch/hypertext/WWW/Clients.html

The Gopher FAQ
Gopher://mudhoney.miero.umn.edu/00/Gopher.FAQ

PC-Mac TCP/IP & NFS FAQ List
http://www.rtd.com/pcnfsfaq/faq.html

Personal IP (Slip, PPP, and Winsock dialup)
http://www.charm.net/ppp.html

The PC-Mac TCP/IP FAQ
htlp://www.rtd.com/penfsfaq/faq.html
Or FTP to ftp.rtd.com
Directory: /pub/tcpip/
File: pcnfsfaq.txt

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_____
   -Global News Navig.   URL for http://nearnet.gnn.com/gnn.html
      offers: O'Reilly's GNN, accessible with URL above via Mosaic or Lynx.

_____
   -UPI News Index   gopher cns.cscns.com (Select: CNS/ | News- UPI News/)

_____
   -USA Today   telnet freenet-in-[a,b,c].cwru.edu or 129.22.8.51
                          telnet yfn2.ysu.edu or 192.55.234.50 (Login: visitor)   offers: USA Today Headline
News, Sports, etc...
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    offers: LOC gopher, with access to lots of gov't docs. (Login: marvel)

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        Mankind in the year 1987.   It begins with the first part of the
        Bible, - Ecology of Mind.   It was inspired by conversations
        between the author and 'Universal Mind' a concept new to most of   us but soon to
become a household word.   It is a presence found   in everything we can see, hear, touch or
taste.   It's the
        Universal Force of Consciousness that produces every word we
        speak, every breath we take.   It's found in computers, salt, potatoes, cars, animals,

even in the rocks.

If you want to know how you got here, who you are, where
you are going, you will want to read this book that will someday
be bigger than the original.   It's all about the last days
of this millennium and the beginning days of the next.

{PAPER BOUND ONLY}

_____

V3   <<< OPERATION DESERT STORM $15.00

edited by Edward R. Moro Jr.

The Gulf War as told by the Combatants who were actually
there!!

"OPERATION DESERT STORM is the full story of the Recent
Gulf War. It includes the stories of the pilots who flew the
missions to destroy the radar sites and missile sites and the
ground troops who blew away the Iraqi Soviet-built tanks and

artillery. It's a great story about the most successful war
in history.   Over in only 100 hours, there has never been so
much destruction leveled on   so many people in so short a time.

You will also read about the many acts of heroism in
piloting the Apache helicopters which were so decisive in this
war, the tank commanders who blew away thousands of enemy tanks, artillery,
armored personnel carriers with very accurate
weapons,as well as the many interesting and intriguing stories of
the ground soldiers who had to flush out all the thousands of
enemy prisoners of war to rescue the country of Kuwait.   You will   also learn about
the Iraqi atrocities in this war. (Not for the
squeamish.)

_____

V4   <<<<   RE-INVENTING AMERICA   >>>>
                  $15.00

President Bill Clinton and Vice President Al Gore, Jr.,
been traveling all over this nation and talking about
the fact that we need to RE-INVENT OUR GOVERNMENT.
Well, we agree and we are certain that these two men
cannot handle such a large job on their own.   This
Electronic Book is meant to aid them in their great

cause.   With the feedback we get from the readers,
and with some of our own ideas we are going to tell
the folks in Washington DC just how to RE-INVENT OUR
GOVERNMENT.

We desperately need your help on this one because the
fools are likely to throw the baby out with the bath
water.   WE NEED YOU to help us TELL THEM what to keep
and what to scrap!   We also want them to give the
people some new freedoms.   We want the ability for
all the voters to vote on the issues RIGHT ON THE
BALLOT.   We can't wait for Congress and all their
dirty laundry to get the solutions out in time to
solve the problems.   All they do is sit around and
argue with each other and try to take credit for
anything good that comes along.   This book teaches
us all a way to OVERCOME THIS GRIDLOCK IN
WASHINGTON ONCE AND FOR ALL TIME!

MAKE NO MISTAKE, this book is DYNAMITE!   Nothing short of a political
REVOLUTION.   But they are the ones who
called for it, not us!   But WE THE PEOPLE are the ones
who must finish it.   If you love America, don't miss out
on participating in the new version.

THIS BOOK IS DEMOCRACY IN ACTION .... PLEASE ORDER
TODAY. $15.00

_____

V5
  <<<   ELVIS PRESLEY'S GUIDE TO THE UNIVERSE! - ($15.00)

By Elvis Presley - Post Mortem.

Have you ever wondered why Elvis Presley's spirit seems so
Earthbound?   Fifteen years after his death, people still
see Elvis Presley's spirit walking around.   If you read this book,
you may agree that it could be because Elvis still has something
very important to say.

Well, this author, didn't actually see 'The King', but he
was visited by Elvis in his dreams for forty consecutive
nights.   In these dreams, Elvis explains everything you will
ever need now or after death and beyond what our senses can tell
us.   It's a very good read, a quick tour through some of the most
interesting concepts ever talked about.   When you finish this book, you actually find

you have been on a trip through the center of
the universe and back.   You also feel as though you have
knowledge that will help guide you through the rest of your
life.

Try this one, if you're interested in the ultimate NON-FICTION
adventure novel!

   One of the greatest thing about this book is your
introduction into   what is rapidly becoming known as
'Virtual Reality'.   This is the - gateway into the next century!

_____

V6   <<<   TOURS DE FORCE - $15.00

     Finding places to travel to that are a bit of Paradise is

harder and harder since sooner or later everyone finds out about
them and then they get crowded and - no more paradise.   This
guide will keep you updated on places to see that are not yet
discovered by everyone and ruined.   Everyone thinks that a vacation in paradise is
expensive, but you can find in this guide Condos and rooms for less than $35/nite.   The only
real expense is the air
fare and these are at an all time low too.   With advice in this
guide you'll learn how to cut your lowest fare in half.

     A very off-the-beaten-path travel guide.   The authors
take you to places on the Earth where you can finally relax
and enjoy the Earth the way God intended it to be enjoyed.   Some of the places
visited, include the remote parts of Hawaii, Mexico,
Bali, Tahiti, Europe, and even places in America where you can get to cheaply, without
a great deal of hassle and when you get there,
you will honestly believe you're in Paradise.

This guide is not meant for the traveler who wants to find
a Hotel with all the amenities and then hang out like most
Americans.   This travel guide is for the truly adventurous.   It
is filled with air fares that are generally unknown to the public
and much cheaper than what you would find at your local travel
agent.

It gives much useful & needed information about what you can
expect at each location.   Fresh new ideas about how to take the family on an
adventure that they will never forget and renew the spirit!

_____

V7

<<<<   E-BIBLE - $15.00

              THE ELECTRONIC BIBLE
                    or
              HOW TO WRITE AND CREATE 'VIRTUAL BOOKS' LIKE THESE! -By
Michael Mathiesen.   The nation's pioneer and most knowledgeable Electronic Publisher.
The Founder of the Internet, the Center of the Internet and creator of 'Marketing on the Internet -
a Step-by-Step guide to marketing your products on the Internet.'   (A companion book to this
one.   Order both for a special price of only $49.95)

              This book explains everything you need to create 'VERBONS'
              or the kind of books that you are now reading.   They are
              meant to be read on a computer screen and never actually make it to paper media
unless the reader wants or needs to print it on his own
              personal printer.   The implications of this new industry are varied and exciting.

              Creating 'Virtual Books' is fun AND PROFITABLE.   All you
              need is a personal computer.   You can get ideas at any time and
              you don't know how to publish them.   This book gives you
              step-by-step procedures for getting your ideas published
              almost instantly.   New York publishers get thousands of
              manuscripts each day and they must invest between $50,000 to
              $100,000 to manufacture, distribute and promote a book.   So,
              the odds are not great that you or I will ever interest a New York
              Publishing house.   The good news is you don't have to deal
              with them any more because the personal computer industry has created a completely
new market where no huge investment is required to publish your work.   With Electronic
publishing like the
              one you're reading now, the entire investment is only a
              few dollars.   And you could earn more than any New York Publisher   is going to pay
you in royalties.

              The Electronic Bible - actually a kit - will give you
              everything you need to make an electronic book including
              the program that puts it into the format that you see on your screen!

It's called hypertext.

              All you need is an idea for something that lots of people
              would be interested to know, or be entertained by.   That's the
              first rule! The second rule is, 'Don't try to re-invent the wheel'.
              Order this kit today and you will avoid all the pitfalls!   Well
              worth the small investment to save you a great deal of time
              and money. If you're a budding author, you will not regret looking into this.

              Oh yes, I should tell you that one of our electronic

books proved itself a hot-seller and now the New York
Publishers are coming to us with offers.   So, this is the best wa to become published
that we know of, unless you're already a celebrity.   To make a name for yourself takes years,
often decades of hard work.   This book will tell you how to cut that down by a large margin.

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V8   Marketing on the Internet - a Step-by-Step guide to marketing your products on the
Internet.' $39.95   (A companion book to the Electronic Bible.   Learn how to create books like
this one and how to market it over the Internet.   Order both for a special price of only $49.95
Just be sure and specify both Prod. # V7 & V8)

The opportunities to market your products and services on the Internet are astronomical and
growing every day.   More than 2 million people per month, join the Internet for finding new
files and new information.   Your book, your consulting services, your art work, or your
hardware should be marketed on the Internet because this is the most cost-effective ways to reach
millions of people.

The Internet represents a communications tool that rivals the television and will one day merge
with television. However, businesses are quickly learning that promoting their products and
services over the Internet today can be more effective and much less expensive (sometimes free)
then buying television time. The Internet is the next premier international market place. If you
have a business, or are planning to be in business over the next few decades, and you have not
made plans to participate, you should think again.   And you should start thinking now because,
in my opinion, the next great economic expansion will happen via the Internet!

All major businesses, even non-profits, are making plans to be Online, if they aren't already.
Major museums, restuarants, libraries are Online.   Most cities and towns around the world will
eventually have their virtual city replica Online to promote their real real estate in the world.
Even President Clinton and VP Al Gore have joined the millions of us who are marketing new
ideas through the Internet by creating the new White House Server as shown in Figure intro1.1
above.   If you found this page on the Internet, you could click on the pictures to hear a speech
by the President and/or the Vice President.   There s even a sound file of the White House Pet,
'Socks' the cat.   You can also do serious things like branch out to all Federal agencies who have
Web servers and get information from each.   You can sign their guest book.   You can have a
tour of the White House.   There s a map for tourists.   You can even learn what it is to be an
Interactive Citizen .   (This last piece holds great promise for the future of politics.   But that s
another subject completely.)

In order to be successful, you have to have a guide.   I like to think of this book as your guide to
your successful marketing on the Internet and a reference work that you can keep on your shelf
so that when you are ready to market your products and/or services, you will have a   step-by-
step tutorial on how to get started and/or how to complete it, and also where to find the tools.   I
hope that most of my readers will be ready, TODAY, to begin marketing their products and
services on the Internet and the good news is that the Internet is ready for you.

I hope you enjoy reading my book and I hope you will use all the techniques and that they all

work for you as well as they have worked for me.

_____

V9   <<<   NETCHESS $15.00   >>>
ALSO CALLED FONCHESS

        COMPLETE COMMUNICATIONS PROGRAM and Chess Game,
        so that you and a companion ANYWHERE IN THE WORLD, can play Chess over the
phones   OR ACROSS YOUR COMPANY NETWORK.   Play your friend in Marketing, while
you get your work done.

Have great fun playing this age-old, time-tested classic game
        with a worthy opponent across the world or across the building.   Create a Chess
Tournament.

        Only $15.00

_____

V10
    <<<   "THE PENETRATORS"   Science Fiction Novel $15.00

        In Jurassic Park, Michael Chricton, entertains us
        with an amazing book about a Park in which Dinosaurs
        are re-constructed from their DNA molecules left behind
        in Fossil form, for HumanKind to stumble upon.

        In this Super Science Fiction Thriller, Michael
        Mathiesen takes us on an equally thrilling journey
        into another time zone, another part of the unviverse
        where Humanity is experimenting with its own DNA.

        Since there would be far too many objectors on Earth,
        NASA commissions a mission to the nearest star with
        a solar system and expected conditions of life support
        for any creatures that might be genetically altered
        along the way by the two Scientists on Board.   Dr.
        Jerry Blake and his wife Ellie.

        This is a knock out punch of a Classic Sci-fi jaunt
        through speculative science part of which is now known
        and part of which can be guessed at by very special
        talents like Michael Mathiesen.   This book is a MUST-
        READ for anyone interested in the future of the Race,
        the Human Race and all the implications that it might
        have for the present.

        "We are Penetrators of the Field", he said.   "There
        is no front, back, left or right, in or out, past,

present or future, only the Field.   The atoms and
sub-atoms that make up our minds and our bodies, live
and die, travel throughout the cosmos and are programmed
just as all living things are.   We penetrate the Field
and become more than just the sum of our parts when we
are aware of these facts and all others that are part
of the act of Creation. But not until."

_____

V11   "How to make a Million Marketing your Shareware Programs."

If you are now a Shareware developer, you need this
book.   Without it, you don't stand much of a chance
to make money at selling your Shareware.   If you don't
care about making a profit from your labor, then you
shouldn't order this book.   But if you definitely DO
WANT TO MAKE MONEY, and substantial money, creating
and marketing Shareware, you definitely must order
this book.   It will pay you back, 1,000 times over.

After 5 years of research, the authors have discovered
all the major places along the Information Superhighway
where you can put your Shareware without cost, so that
you can be circulated to millions of computer users
within days.

The good news is that you don't have to give it away
any more and you now have a method of giving the user
a chance to Try your program before he Buys, but then
when and where you think he's had enough for free,
he must purchase it with a credit card or by phone.
Imagine having a 24 Hour credit card fulfillment,
order-taking computer that is always standing by to
fill your orders.   Well, now it is all possible.   So,
If people want your software, now there is an easy way
for them to purchase it over an 800# and when their
credit card is approved, they get a password that
decodes the rest of your program for them automatically.

You don't have to ship any more diskettes.   It's all
done for you automatically, 24 hrs a day.   With this
knowledge of how to do all this and or marketing
expertise with hundreds of places you can list your
Shareware, you can't fail but succeed.   You have to
have a good, useful program, but we tell you how to
plan one of these too.

$15.00

V12
HOW TO MAKE A MILLOIN WITH 900#S AND THE INTERNET.

$39.95

Many people are reaping huge profits from
the InterNet and many more are reaping huge profits
from the 900# business.   We combine both concepts
and show you how make money with both great ways of making
money in an automated way.

As an information provider, your 900# has
to have a good concept behind.   You need something of
interest to people enough so that they will pay you $2 or $3
per minute to get it, whatever IT is.   And secondly, you
need a way to advertise your 900# for free so that every caller
you get is profit and not money to pay your newspaper advertising or
TV advertising bills.

Most people with 900#'s don't realize that
the only way to really make money is to do it WITHOUT
PAYING FORDVERTISING.   We got you to find this book without any
advertising expense at all.   We never spend a dime to advertise
our publications.   So, it's very easy to extend our knowledge and
show you how to do the same thing with a 900#.

We're so sure this formula works, we got a
900# too.   Call it and you'll see the kind of information
that is both useful and profitable.   OUR NUMBER IS THE NATIONAL
PEOPLE'S POLL

This book is $49 because we will save the
reader hundreds of hours in searching for the right tools and
we save you thousands of dollars if you made the common
mistakes.

AND IT WILL MAKE YOU THOUSANDS PER MONTH.
With this book,   if you go into the 900# business, you are
guaranteed   to make money.   If you don't, we'll refund the cost of
the book.

V13
HOW TO MAKE A MILLION IN MULTI-LEVEL

MARKETING, USING THE INTERNET.

Many people are looking for a great second
income.   You may have a job that is not paying enough to support
your family, but you can not make a switch or move up the corporate
ladder because of age or "office politics".   You might be a
woman who wants to help support the family, but you don't want to go out
and take a job paying $3.50   per hour because you are more intelligent than
that and you know your intelligence and skill is worth much
more than that.

If you want a second income, or you want
to develop a home-based business that you can leave your present
employment to pursue Full Time, or if you're in a declining business
and you're looking for   something new,   THIS
MAY BE THE BOOK FOR YOU.

This Verbon is a complete How To Manual on
how t start your own Health Business and use the business
marketing model of MULTI-LEVEL MARKETING.
This means that you can have people working
for you anywhere in the world.   You sell
them one pkg of material and as they sell product to their friends
and neighbors you get a commission on
every dollar of business they do.   When they
get someone to sell under them, you also get a
commission.   And so on.   Some of the richest millionaires in
this country were involved in Multi-Level Marketing, but the key is
to get in BEFORE everyone on the block is signed up as a distributor
as is the case with almost every Multi-Level
product, EXCEPT THIS ONE.

The reason: As the world signs up their
friends, more and more of them are part of your `down-line'.   THE
COMPUTER TAKES care of all the billing.   So,
you can just sit by the pool and get a check.
But it's not that easy in the beginning.
First you have to find lots of people to talk to.   AND THAT'S
WHY THIS BOOK IS DIFFERENT   THIS MANUAL GIVES
YOU A MODEL FOR CONTACTING MILLIONS OF PEOPLE
OVER THE INTERNET, JUST LIKE WE CONTACTED YOU.

THE COMBINATION OF INTERNET AND MULTI-
LEVEL   MARKETING IS FANTASTIC FOR MAKING
MONEY.   BUT DON'T   DELAY, there will come a
time when it's all over because the market is saturated, just like anything else.

But that day is 5 - 10 years away.   By that time, you can be RICH,
FINANCIALLY INDEPENDENT for the   rest of your life.
But you need this book to start.

_____
V14
"HOW TO MAKE IT IN THE STOCK MARKET WITH LESS RISK
& GREATER REWARDS."

By Merrill Armstrong
Pres. Emeritus, The National Stock Market Investors Association

Many people have tried to define a method of making money in the Stock
Market THAT REDUCES RISK AND MAXIMIZES REWARD.   In this manual, the
nation's leading Stock Market Advisor tells us how to make money in the
Market by using the OPTIONS ON MOST STOCKS, now listed.

By using OPTIONS CAREFULLY and with a goal and this plan, the average
investor stands a chance against the Big Money Interests.   The reason you
must learn this plan if you hope to make money consistently in the Market is
due to the fact that the people managing HUGE ACCOUNTS, in the billions
of dollars CONTROL THE MARKET.   You can't outwit them. They are going
to use you to make a few percentage points each week.   This is how they
survive.   A few points on a Billion dollars is BIG MONEY.   Whereas for you
it's not enough to pay your Broker's commissions.

So, in order to survive and not worry about your investment every day, you
need a better plan.   Yes, you can buy a mutual fund, but what fun is there in
that?   And besides.   Mutual funds have been making big profits lately, but
that means they can lose huge profits in a down-trending market which
means that there must be a better way to make these kinds of profits in an
up or Bullish Market, and not lose in a Down or Bearish Market.

Buing and selling Options is just such a technique.   But you can't just run
out there and start buying them or selling them without knowing what you're
doing.   This Manual of Option strategies will show you exactly what to do.
Then, you can just make a few small investments to test out this system.
When they work, you'll more than pay for this book and it will bring you many
thousands of times in profits over the years too, if you use it consistently.

If you have any desire to get into the Stock Market, DON'T until you've read
this book.

For Newer Books, WITH YOUR MODEM, call 414-789-4360 EXEC-PC, Go 'F' Files,
'F' Free Area, 'L' Lighthouse Books, 'L' List, 'L' List All, download
new Books of Interest
    ****

V15
  <<<<   THE INTERACTIVE YELLOW PAGES.   >>>>   FREE
WITH AN ORDER OF ANY OTHER VERBON.

       A windows Help Program.   Windows 3.0 and above required.
       Very simple and easy to use mouse driven search engine for
       any products for sale nationally in USA.

       If you are familiar with the Yellow Pages probably sitting
       on or near your desk, then you know the power of this exciting
       new Publication.   The First InterActive Yellow Pages.   Currently

       there are hundreds of advertisers listed herein with 800#s and
       Fax numbers so that you can easily research that next major
       or minor purchase.   Eventually there will be thousands and
       then millions of advertising listings.   We will be growing
       by leaps and bounds.

       So, in the beginning we are making a very rare offer.   This
       InterActive Yellow Pages, the first version, will be given
       away free to anyone who purchases any of our other books

       in this catalog.   You will also get all the upgrades up to
       but not including the CD-ROM version for free too.

       Let your mouse do the walking.   Fun program to learn about
       other products coming in the same format.   Probably the
       most used of all your programs someday.

       THE DISK VERSION IS FREE.   THE CD VERSION IS $15.00
                              (ORDER NOW TO GET INTRODUCTORY
                             PRICE DUE OUT IN FALL OF '94
                             AND THE PRICE WILL GO TO $39)

V16
<<<<   THE ROADMAP TO THE INFORMATION SUPERHIGHWAY
FREE WITH ORDER OF ONE OTHER BOOK

       Written by the publishing pioneer on the Information
       SuperHighway, founder of the ELECTRONIC PUBLISHERS
       ASSOCIATION, Michael Mathiesen, this book is a Bible
       for anyone wanting to learn how to get the most from
       the information superhighway in order to promote a
       a product or service.

The old ways of doing things are similar to the
horse and buggy days.   They're gone forever, a bit
of nostalgia and Americana.   The way of the future
is to use the new technology to invent, promote,
develop, test, market and advertise one's skills.
Laws have to change.   Intellectual property rights
such as Copyright and Trademark are changing.
Everything is changing, but if you're a reader of
this book, you can keep ahead of everything to
come over the next decade.   This book is your Introduction
to the Internet, how to use it, how to find the right
information to keep you on the cutting edge of
marketing and technology.

"This is the best resource available about the Internet."
Judd Hershonson, Developer of the Internet.

_____
 <<<<   YOU CAN ORDER ANY OF THESE BOOKS BY PRINTING UP THE ORDER
FORM --- JUST GOTO ORDER FORM   >>>>

 REMEMBER: <<<   IF YOU WANT TO PAY BY CREDIT CARD,   >>>>

                 CALL 800-242-4PSL
             AND GIVE THE OPERATOR THE ID# OF THE ITEM
                  Y0U WANT TO ORDER.
REMEMBER: <<<   IF YOU WANT TO PAY BY CREDIT CARD,
>>>>
CALL 800-242-4PSL
AND GIVE THE OPERATOR THE ID# OF THE ITEM
Y0U WANT TO ORDER.

EXCLUDING, MARKETING ON THE INTERNET ...
The 1st Verbon/per order   is $15.00 (All prices include shipping &
handling in the US.) Outside US add $4.00 Shipping & handling.
The 2nd Verbon/per order is $12.50
The 3rd Verbon/per order is $10
The 4th Verbon/per order is $7.50
All Verbons over 4/per order are $5.00 Each.
MARKETING ON THE INTERNET IS $39.95 But can be mixed with
other Verbons as indicated above.

                 1 Verbon is $15 (shppng included in US.)
                 2 For $20.00
                 3 For $30.00
                 4 For $45.00
An order of five Verbons would total: $50.00 And so on.

(But if ordering 'Marketing on the Internet', you have to start with $39.95)
To print out the - ORDER FORM: GOTO ORDER FORM - GO UP TO the Edit Menu above and click on PRINT,
JUST FILL OUT FROM CATALOG ABOVE, mail to us,
or call the 800# to order by credit card.

_____

$ K + ORDERFORM

****
ID#

V1 HOW TO SAVE MONEY ON YOUR MORTGAGE _____

V2 THE NEW AMERICAN BIBLE _____

V3 OPERATION DESERT STORM _____

V4 RE-INVENTING GOVERNMENT _____

V5 ELVIS PRESLEY'S GUIDE TO THE UNIVERSE_____

V6 TOURS DE FORCE _____

V7 THE ELECTRONIC BIBLE _____

V8   Marketing on the Internet _____ $39.95

V9 PHONE CHESS _____

V10 THE PENETRATORS - SCI-FI _____

V11 How To Market Shareware   _____

V12 HOW TO MAKE A MILLION IN 900#S AND

V13. HOW TO MAKE A MILLION IN MULTI-
LEVEL MARKETING AND THE INTERNET.

V14   How to Invest in the Stock Market

V15 INTERACTIVE YELLOW PAGES (CD VERSION)_____
     DISK VERSION FREE WITH ORDER

V16 THE OFFICIAL ROADMAP TO THE INFORMATION SUPERHIGHWAY
_FREE WITH ORDER.

TOTAL NO. OF BOOKS   _____

TOTAL COST ACCORDING TO FORMULA ABOVE   (Excludes special reports.)
(Calif. residents add 8.25%)
Sales Tax   _____

TOTAL   _____

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1-800-SOFTLOCK.   You will need the Product Number of each title to key in on your
telephone.   AND you will need our SOFTLOCK ID.   The ID is 64865586.   And you will need
your credit card.   SOFTLOCK IS OPEN 24 hrs/day, 7 days a week.

BBS WHERE YOU ORIGINALLY OBTAINED THIS PROGRAM

_____
CITY

_____

WHATS NEW - WHATS HOT

You can always find out Whats New on the InterNet by going to the Whats New Page.   There are several of them.   Weve discovered the Two that have almost everything.   Every Week or at least once a month, you should visit this area to find out Whats been added to your new Virtual Reality Space we call the InterNet.

To get to Whats New point your Reader to:

You may already have your Mosaic programmed to go to the NCSA Home Page, this is the Main Whats New Page for the InterNet.

HOW TO ADVERTISE

The Internet is the fastest growing new Computer Service or Network in the History of the World.   Your Company should advertise here on the Internet in a place called the NETCENTER. The Center of the Internet.

Like everything else in the world, when it comes to advertising, ITS LOCATION, LOCATION, LOCATION.   By placing your company in the NETCENTER, you assure yourself of the best and most popular location on the Internet.   The NETCENTER is used by thousands of people every day because the NETCENTER is a gateway or a linking onramp to many hundreds of other places of interest on the INTERNET.

We also have the INTERACTIVE YELLOW PAGES, ONLINE VERSION AND THE ONLINE VERSION OF THIS VERBON, THE OFFICIAL ROADMAP TO THE INFORMATION SUPERHIGHWAY.   People in the NETCENTER find it easier to find things this way and thats the secret of our success.   No other place on the Internet offers you this much activity.

Combine all this with the fact that we are also the largest publisher of Electronic Books, or Verbons which are all a reference source back to the NETCENTER, such as the Verbon youre reading now.   We do more for you, the advertiser, than any other source on the Internet and for far less money.

Compare our fees to CommerceNet.   They charge as much as $25,000 to place your Home Page in their Location.   Our Fee for the same thing is only $500 per page.   So, if you are in need of promoting your goods and/or services to the 30 million and growing, on the Internet, you need to contact the NETCENTER Advertising Dept. at

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The diskette sells for $99 in stores.   But if you order it through me, its only $29.95 delivered. Or if you know how to download files from the BBSes and the Internet, you can get it for FREE.

You can get the diskette from several sources.

1.   From our server on the Internet.   The address is: http://netcenter.com

OR you can FTP at: ftp.msen.com   cd /pub/vendor/lighthouse retrieve MOSAIC.ZIP

2.   **From Exec-PC.** The worlds largest BBS   Dial with your modem: 414-789-4360 (14,400 baud) or 789-4500 (28,800 baud)

Login as Newuser, then follow the menus to free file area.   F for Files, F for Free area,   L for Lighthouse Ebooks, L to list files and L again to list files, then youll see the command to download the file, MOSAIC.ZIP

You can also find this file from many **local BBSes.**   If they dont have it, ask your SYSOP to get it from either of the above sources.   You can also find it at EXEC-NET and Channel1   two more of the largest BBSes in the world.   Channel1 is found at 617-354-3137 and EXEC-NET is found at 914-667-4567

Or if youre desperate, call me at 800-664-9042 and order it with your credit card.   If I have to ship a diskette to you, however, I have to charge $29.95.   Still, its cheaper than in the stores and the most convenient way to get it.

Its worth the effort because what you get is the best Internet Account out there.   Local phone number to 98% of the population out there.

It has FTP, Gopher, Newsgroups, etc, built in.   It has lots of other great software that you can add to it from SPRY.

Try it and Im sure you will never be able to deal with any other type of Internet access.