

The Development of a Communications Network Program Between the Federal Government and the American Public

In his November 4, 1993 progress report, "**Technology for Economic Growth**,"¹ President Clinton stated that information technology will be used to dramatically improve the way the Federal Government serves the people. In particular, government intends to use technology to improve the quality and timeliness of service, to provide new ways for the public to communicate with their government, and to make government information available to the public in an equitable manner.

Earlier in a press release on the **Freedom of Information Act (FOIA)**, the President stated that the FOIA is a vital part of the participatory system of government. He further stated that the statute is based on the *fundamental principle that an informed citizenry is essential to the democratic process*, and that the more the American people know about their government, the better they will be governed. Mr. Clinton concluded by strongly encouraging the use of electronic information systems to enhance public access to government information.

These statements are consistent with the White House **Office of Management and Budget (OMB) Circular No. A-130** document, which promotes the application of information technology to improve the use and dissemination of government information by federal agencies. The statements are also in accord with **Vice President Gore's Report of the National Performance Review (NPR)**, which recommends the use of information technology to improve customer ser-

¹This, and all other referenced documents, are available via email. Please the email address section at the end of this document.

vice, to integrate service kiosks, and to implement a government-wide electronic bulletin board system.

Similarly, in a recent report, **"Making Government Work: Electronic Delivery of Federal Services"**, the U.S. Congress Office of Technology Assessment, (OTA) states: "If 'electronic service to citizens' is to succeed, grassroots citizen involvement will be needed and must be part of Federal electronic delivery projects. A mandatory set-aside from project or agency budgets may be needed to assure adequate resources for citizen participation." The report documents the powerful forces which have accelerated the movement toward electronic delivery at Federal, State, and local levels of government; intensified demands for a more responsive, more productive, less costly government; relentless fiscal pressures at all levels of government; increasing recognition that service delivery is a core business of government; declining cost-performance ratios and growing user-friendliness of information technology; and the increasing use and acceptance of information technology.

In a similar effort of openness, the construction of an advanced National Information Infrastructure (NII), a seamless web of communications networks, computers, databases, and consumer electronics is in motion, including the establishment of a much needed group, Americans Communicating Electronically (ACE).

ACE membership is diverse and represents private and public organizations and individuals who wish to promote interactive communications among federal, state, and local governments, private businesses, public libraries, and schools, rural cooperatives, public and private universities, community-based arts and theater groups, voluntary associations, job training services, and health care organizations. The members of ACE are particularly concerned that access and participation be made possible and convenient for Americans who do not own modem equipped computers.

To support the development of interactive communications between governments and communities, ACE is recommending that all federal and agencies establish information access programs to help create and foster an "interactive citizen-government communications system." ACE does not recommend a new

layer of bureaucracy. ACE is, however, urging federal agencies to fully adhere to the OMB A-130 circular by using existing funds and resources, and to respond to the public's willingness and ability to use information technology with new directions and a commitment to openness in government.

GOALS OF THE INFORMATION ACCESS PROGRAMS

The goals of the information access programs are to encourage interactive communications between, members of the public and their government, and to broaden public participation in the development of government communications policy. Citizens will have access to a wide range of services and public databases containing electronically stored information from participating agencies accessible through electronic gateways.

NATIONAL ADVANCES IN INFORMATION TECHNOLOGY

The nation's advances in computer science and technology are vital for future prosperity, national and economic security, industrial production, and scientific advancement. However, further research and development, expanded educational programs, improved computer research networks, and more effective technology transfer from government to the American people are necessary for the United States to reap fully the benefits of high-performance computing.

All Americans have a stake in the construction of an advanced National Information Infrastructure (NII), a seamless web of communications networks, computers, databases, and consumer electronics that will allow citizens to access information and services through their personal computers and other communications devices. The development of the NII can help unleash an information revolution that will change forever the way people live, work, and interact with each other. With the principles and objectives of the NII in mind, federal agencies should promote technological innovation, initiate research programs, and make grants to help develop the software applications needed to access public information.

To fulfill the NII vision of making the vast quantity of government information available to the American people, it is imperative that a coordinating body be established to secure a balanced public-private partnership and effective agency information management. The coordinating body, in cooperation with the federal government membership of the NII Task Force, which is comprised of high-level representatives of federal agencies that play a major role in the development and application of information technologies, will encourage the computing community to be responsible for the development of networking technologies.

GOVERNMENT INFORMATION LOCATOR SYSTEM

ACE recommends the development of a strategic plan to promote the establishment of a standard Government Information Locator System, as a component of the NII to help the public access a wide range of databases, inventories of publications, library services/systems, databases, bulletin boards, multi media systems, clearinghouses, and hotlines.

DELIVERY OF SERVICES

President Clinton's progress report also contained a reference to delivery of services: "We will make it possible for people to communicate with a federal agency using electronic as well as conventional mail. Automated terminals may be placed in public locations such as shopping centers or post offices that could provide in-hours access to a variety of government services."

ACE as a coordinating body, would promote the development of interactive citizen participation centers and kiosks where citizens can access information to communicate, receive services, and send information and comments back to federal departments and agencies. These initiatives would revitalize local economies, form partnerships, mobilize state and local government resources, increase public voluntarism, and greatly improve citizen communications with the White House, Congress and federal agencies. The initial development of the centers and kiosks could be accomplished by utilizing federal government infor-

mation centers e.g., the 115 Small Business Administration offices, 3,000 Cooperative Extension Offices and libraries operated by the Department of Agriculture, 1300 Social Security offices, and the numerous Data Center Programs supported by the Department of Commerce, Bureau of the Census.

COMMUNITY-BASED CITIZEN DEVELOPMENT/FREE CIVIC COMMUNITY NETWORKS

With the participation and support of federal departments and agency information access programs, the coordinating body would support community-based citizen development of free civic/community networks with a focus on creating broad-based community participation and opportunities. In time, this could lead to the innovative development of nation-wide community computer systems and use of the national communication technology for economic development opportunities. Citizens would learn new issues, gain a sense of accomplishment, and build new relationships. In addition, the coordinating body would foster and promote understanding of the social benefits to be gained from community-based interactive communication applications.

COMMUNITY AND GOVERNMENT COOPERATION

Community and government cooperation is critical to the success and balance of this major undertaking. The participation and contribution of federal staff resources would ensure a more useful government information flow with greater ease to providers of free community networks, citizens, information architects, community activists, public policy analysts, facilitators, and administrators through computer-mediated communication such as e-mail, bulletin boards, and electronic conferencing. Finally, the coordinating body would be responsible for conducting periodic studies to gauge the information needs of the public and compiling an annual report of the findings and goals of the organization.

ABOUT AMERICANS COMMUNICATING ELECTRONICALLY (ACE)

ACE is a team of volunteers both private and public citizens dedicated to open access to information and learning from every home, and community across the nation. ACE understands the power of information and the need to distribute this power in a manner which strengthens our democracy. Therefore, ACE is committed to the provision of internetworked access to U.S. Government information and services at centers open to all Americans -- for example: in public libraries, neighborhood electronic kiosks, shopping centers, and rural cooperatives.

Who Are ACE Members

The pioneering members of ACE included the White House, Department of Agriculture, U.S. House of Representatives, National Archives, Department of Commerce, Defense, Education, Energy, Environmental Protection Agency, U.S. Senate, Government Printing Office, General Services Administration, Department of Health and Human Services, Interior, Justice, Labor, Transportation, National Science Foundation, Small Business Administration, numerous associations, community-based public groups, universities and colleges.

What Kind of Information is Available from ACE

The ACE experiment is coming online in stages. During stage one, selected agencies in the Departments listed above will participate. A single electronic mail address will be used to receive incoming messages from citizens. These messages will be forwarded electronically to the appropriate ACE agency contact for action. Citizens will receive responses either electronically or through conventional means within "48 hours" of their request.

During stage two, a directory of U.S. Government agencies and online databases which can be accessed directly by electronic mail will be accessible

by citizens. Also available online, will be frequently asked questions, policy and issue papers, and speeches. Citizens will be able to browse at leisure.

Future stages will build upon learning experiences. Final plans to pilot test "Interactive Citizen Participation Centers" are currently underway in local communities where citizens can electronically access U.S. Government information when they shop or visit local libraries.

To Join ACE

To join ACE, send an electronic mail message to: **letters@ace.esusda.gov**

References:

Technology for Economic Growth: The President's Progress Report, Executive Office of the President, the White House, (Washington, D.C.) November, 1993

The National Information Infrastructure: Agenda for Action, *U.S. Department of Commerce* (Washington, D.C.) September, 1993

Creating a Government that Works Better and Costs Less, The Report of the National Performance Review, *Office of the Vice President*, (Washington, D.C.) September, 1993

Helping People and Communities in the Information Age: *The Morino Institute, The Morino Foundation*: (Great Falls, Virginia) September, 1993

A National Strategy for Civic Networking: A Vision of Change; *The Center for Civic Networking*: October, 1993 (Charlestown, Massachusetts)

Community Computing and the National Public Telecomputing Network; August, 1993 Dr. Thomas M. Grundner, President: *The National Public Telecomputing Network*, (Cleveland, Ohio)

Federal Information Resources Management (Circular A-130) Revision Notice:
Office of Management and Budget, (OMB), Office of the President, (Washington, D.C.) July, 1993

Making Government Work: Electronic Delivery of Federal Services; *U.S. Congress, Office of Technology Assessment*, (Washington, D.C.) September, 1993,

ACE Vision Statement: *Americans Communicating Electronically*, Washington, D.C. September, 1993

To obtain a copy of the references noted above please use the following e-mail addresses:

Technology for Economic Growth	Access	GOPHER ZEUS.ESUSDA.GOV
NII Agenda		NII@ACE.ESUSDA.GOV
NPR		NPR@ACE.ESUSDA.GOV
OMB A-130		GOPHER ZEUS.ESUSDA.GOV
National Public Telecomputing Network		TMG@NPTN.ORG
The Morino Foundation		MMORINO@MORINO.ORG
The Ctr for Civic Networking		MFIDELMAN@WORLD.STD.COM
Office of Technology Assessment		ELECDELIVERY@OTA.GOV
ACE Vision Statement		INFO@ACE.ESUSDA.GOV

Please send all critiques, suggestions and recommendations to:

Ted Blake, U.S. House of Representatives, House Information Systems,
Ford HOB, Room 643, Washington, D.C. 20515,

Voice Mail: 202.225.9276

Fax: 202.226.3482

e-mail: tblake@hr.house.gov

Subject: VIEWPOINT Version:11jpg

November 23, 1993

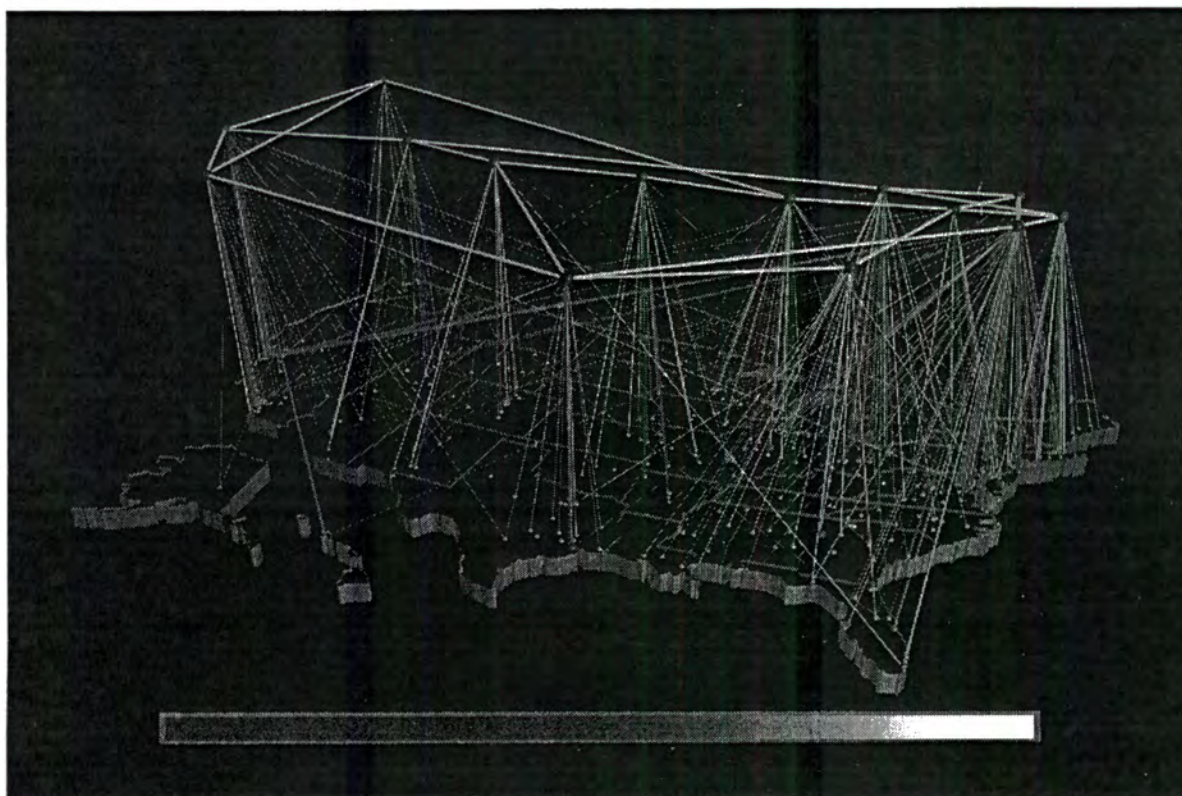
Clinton Presidential Records Digital Records Marker

This is not a presidential record. This is used as an administrative marker by the William J. Clinton Presidential Library Staff.

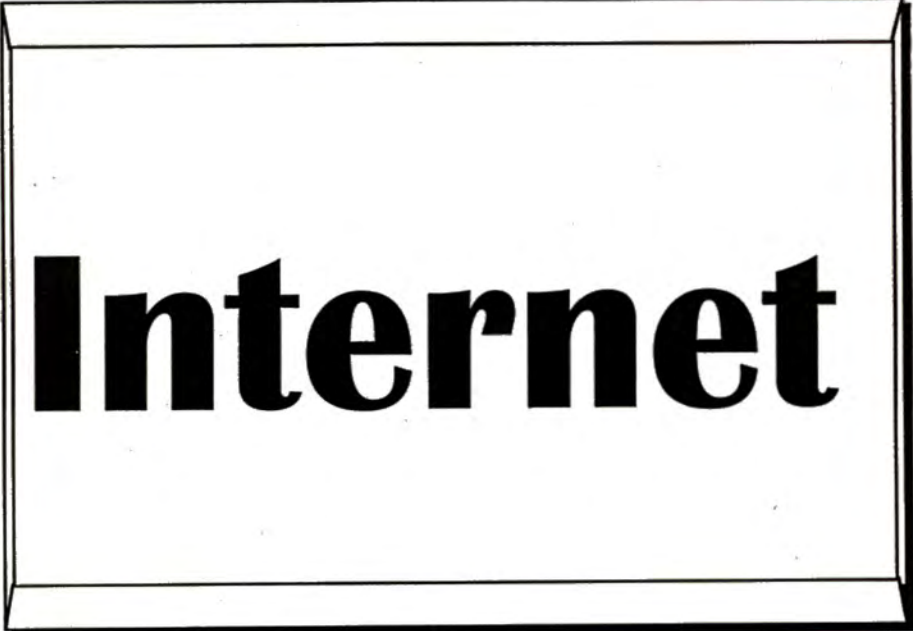
This marker identifies the place of a publication.

Publications have not been scanned in their entirety for the purpose of digitization. To see the full publication please search online or visit the Clinton Presidential Library's Research Room.

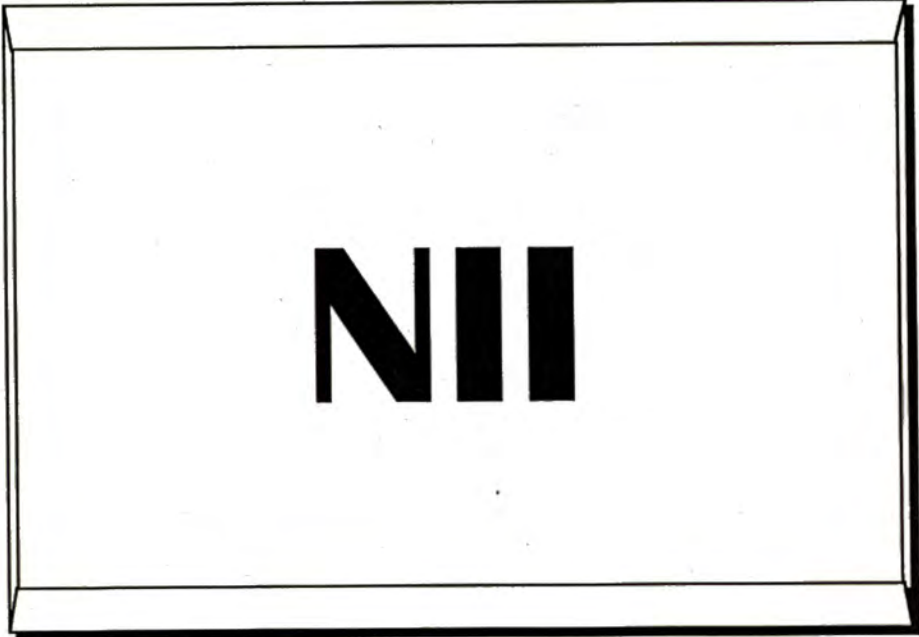
THE NATIONAL INFORMATION INFRASTRUCTURE: AGENDA FOR ACTION



Information Infrastructure
Task Force
September 15, 1993

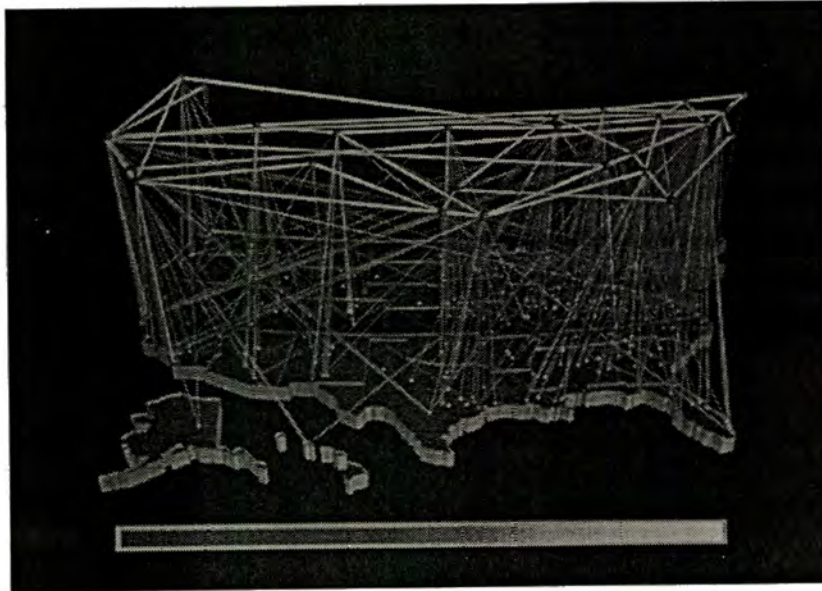


Internet



NII

Internet: A Network of Networks



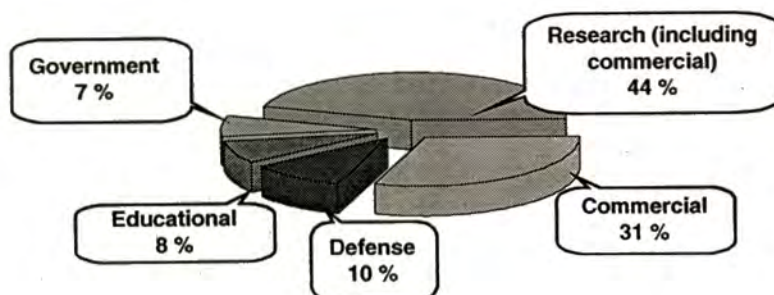
What Is the Internet?

- Worldwide "network of networks"
- Connects 20 million people
- Over 30,000 networks
- E-mail to 137 countries
- Growth 1993
 - 160 % inside the US
 - 183 % outside the US

What Can You Do With It?

- Send and receive e-mail
- Conduct business
- Collaborate
- Search electronic libraries
- Join discussion groups
- Get software, documents, and other information

Who Uses the Internet ?



US 7/93

Who Does What?

**Information &
Service Providers**

Users Themselves
(scholars, gov't, companies)

Network Services
(access, search tools)

**Government, Universities,
Non-profits, Companies**

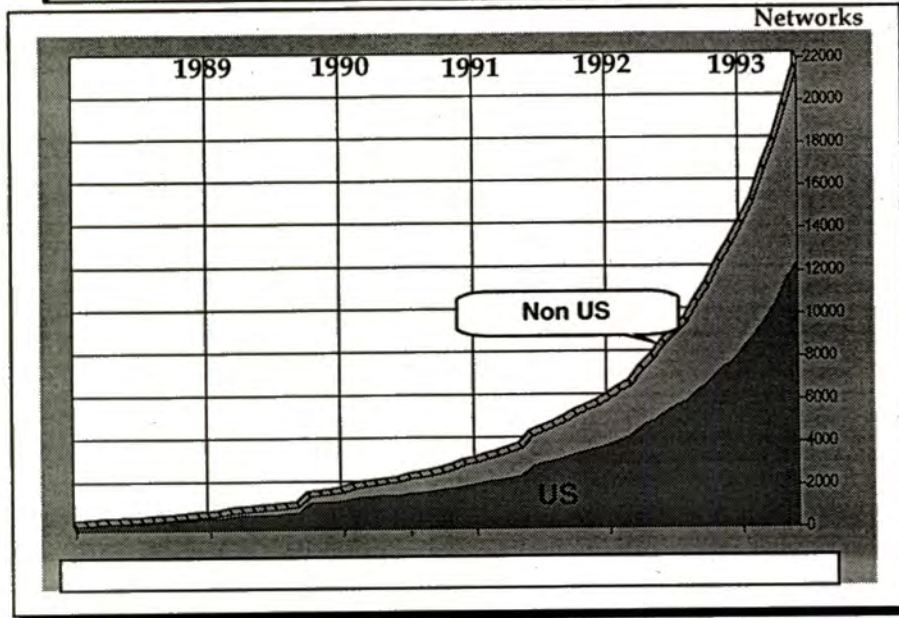
Moving Data Around

**Telephone, Cable, Satellite,
Wireless, Companies**

How Did We Get Here?

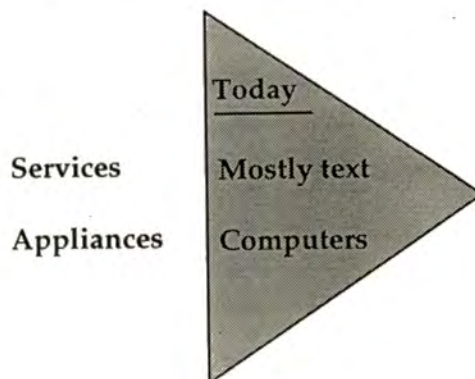
- 1969 Creation of ARPANET
- 1970s Protocols for Internetworking
- 1980s Widespread Usage by DOD
- 1986 NSFNET Connects Supercomputers
- 1988 Market for Network Hardware
- 1989 Market for Internet Access

How Fast Is It Growing?

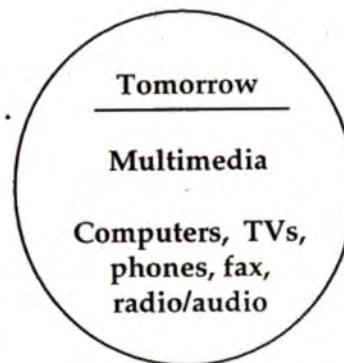


Where Are We Going?

Internet



NII



White House Online

Leading by Example

- Electronic mail to President & Vice President
- Electronic publishing of White House documents
- OMB & OSTP e-mail pilot projects under NPR
- President's Saturday radio addresses now online
- 1995 Federal budget online & on CD-ROM

White House Online

Next Steps

- Multimedia "Welcome to the White House"
- Answering presidential e-mail electronically
- NPR "Virtual Town Hall" with Vice President
- Americans Communicating Electronically (ACE) inventory

Planning The Future

Task Force

- **Information Infrastructure Task Force**
 - convened by Vice President Gore
 - chaired by Commerce Secretary Brown
 - Public Interest Summit - March 29
- **Advisory Council on NII**
 - chaired by Ed McCracken & Delano Lewis
 - managing public input
 - three "mega-projects"

Planning The Future

Telecommunications Policy

- Proposed telecom reform legislation
- Information infrastructure grants program
- Universal service hearings

Planning The Future

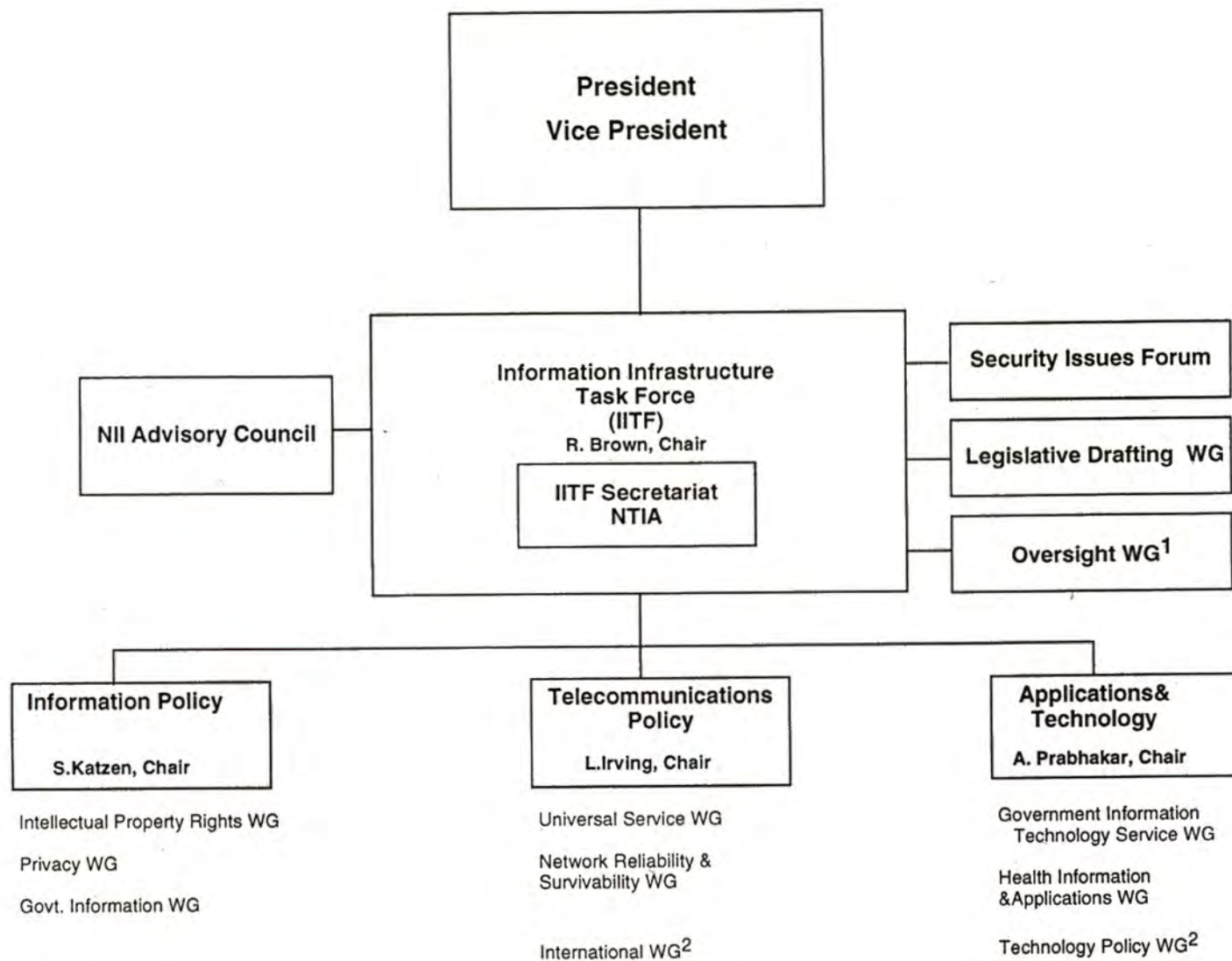
Information Policy

- Pricing gov't info at "cost of dissemination"
- Government Information Locator System (GILS)
- Privacy: Propose "Fair Information Practices"
- Workshops to teach electronic dissemination

Planning The Future

Applications & Technology

- Inventory of government applications
- Issues Paper: "What it takes to make it happen"
- Applications strategies white papers
 - education & lifelong learning
 - libraries
 - government services
 - health care
 - manufacturing
 - electronic commerce
 - environmental monitoring



1. Produces monthly staff memo, coordinates calendar, and oversees electronic document distribution.

2. Working groups concerned with cross-cutting issues.

White House Electronic Publications and Public Access Email Frequently Asked Questions

Updated April 4, 1994

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- Publications@WhiteHouse.GOV
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- GOPHER
- FedWorld BBS

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- B. Notes on Widely Available Sources.
- C. Direct Email Distribution.
- D. Email Summary Service.

III. Sending Email to the White House

- Internet Direct

IV. Sending Email to Congress

- Internet Direct

V. Submitting Updates to the FAQs.

I. HOW DO I SEARCH AND RETRIEVE WHITE HOUSE ELECTRONIC PUBLICATIONS?

The White House is pleased to announce the establishment of an Internet address for retrieving White House publications. We have set up an Almanac server to process requests by email. To receive instructions on using this server, send a message to:

Publications@WhiteHouse.GOV

In the body of the message, type:

send info

Various additional sites are archiving the press releases as distributed. What follows is an incomplete list of some of the sites containing the documents that have been released to date. This FAQ will be updated to reflect new sites as they become known.

SITE

DIRECTORY

1. SUNSITE.UNC.EDU
pub/academic/political-science/whitehouse-papers
2. FTP.CCO.CALTECH.EDU /PUB/BJMCCALL
3. FTP.MARISTB.MARIST.EDU
4. CPSR.ORG /CPSR/CLINTON
5. FedWorld Online System 703-321-8020 8-N-1 or:
Telnet fedworld.doc.gov
6. GOPHER.TAMU.EDU 11/.dir/president.dir

Notes: The following are notes on how to log in and get information from the above sites.

1. Office for Information Technology at the University of North Carolina maintains the full collection of White House electronic releases available for search with WAIS and also accessible via Gopher and FTP.

1.a WAIS

```
(:source
:version 3
:database-name "/home3/wais/White-House-Papers"
:ip-address "152.2.22.81"
:ip-name "sunsite.unc.edu"
:tcp-port 210
:cost 0.00
:cost-unit :free
:maintainer "pjones@sunsite.unc.edu"
```

```
:description "Server created with WAIS release 8 b5 on
Feb 27 15:16:16 1993 by pjones@sunsite.unc.edu These are the
White House Press Briefings and other postings dealing with
William Jefferson Clinton and Albert Gore as well as members
of the President's Cabinet and the first lady Hillary Rodham
Clinton, Chelsea, Socks and others in Washington DC. Dee Dee
Meyers and George Stephanopoulos. Other good words:
United States of America, Bill Al Tipper Democrats USA
US These files are also available via anonymous ftp
from sunsite.unc.edu The files of type filename used in
the index were:
/home3/ftp/pub/academic/political-science/whitehouse-
papers/1993 ")
```

Folks without WAIS clients or gophers that act as WAIS clients may telnet to sunsite.unc.edu and login as swais to access this information via WAIS.

- 1.b GOPHER is a distributed menu system for information access on the Internet developed at the University of Minnesota. gophers are client-server implementations and various gopher clients are available for nearly any computing platform. You may now use gopher clients to access the White House Papers and other political information on SunSITE.unc.edu's new gopher server.

You may also add links from your local gopher server to SunSITE for access to the White House Papers.

For gopher server keepers and adventurous clients to access SunSITE you need only know that we use the standard gopher port 70 and that our internet address is SunSITE.unc.edu (152.2.22.81). Point there and you'll see the references to the Politics areas.

For folks without gopher clients can telnet to sunsite.unc.edu to try out gopher access. You need to have access to internet telnet and:

```
telnet sunsite.unc.edu
login: gopher
```

The rest is very straight forward. Browsing options end with a directory mark (/), searching options end with an question mark (?).

There's plenty of on-line help available.

2. No special instructions.
3. The CLINTON@MARIST log files which contain all the official administration releases distributed through the MIT servers are available via anonymous FTP. These logs contain in addition to the official releases, the posts that comprise the ongoing discussion conducted by the list subscribers.
To obtain the logs:
FTP MARISTB.MARIST.EDU - the logs are in the CLINTON directory and are named CLINTON LOG9208 thru CLINTON LOGyymm where yymm stands for the current year and month. Problems should be directed to my attention: URLS@MARISTC.BITNET or URLS@VM.MARIST.EDU.
Posted by Lee Sakkas - owner, CLINTON@MARIST
4. Computer Professionals for Social Responsibility is providing all Clinton documents on technology and privacy at the CPSR Internet Library, available via FTP/WAIS/Gopher at cpsr.org /cpsr/clinton (and in other folders as relevant). For email access, send a message with the word "help" at the 1st line of text to listserv@cpsr.org.
5. The FedWorld Computer System, operated by the National Technical Information Service, archives White House papers in a traditional BBS type file library. Connect to FedWorld by calling (703) 321-8020. No parity, eight data bits and one stop bit (N-8-1). FedWorld accommodates baud speeds of up to 9,600. It is also possible to Telnet to FedWorld at FedWorld.doc.gov. White House papers are located in the W-House library of files. To access this library from the main FedWorld menu, enter <f s w-house>. Files are named with the first four digits being the release month and day (e.g. 0323XXX.txt). Some

standard abbreviations after the date include:

- rem - Remarks by the President
- pc - Press Conference transcript
- pr - Press Release
- AM - AM Press Briefing
- PM - PM Press Briefing
- sch - The President's public schedule
- spch- Text of major speeches.

These files are saved in ASCII format. Files can be viewed online by requesting to download a file and then selecting (L)ist as the download protocol. This will display the file a screen at a time. White House papers are kept in the above format for up to two months. Papers more than two months old are compressed using Pkzip into a single file that contains all of the files for that month (e.g. 0193.zip contains all papers released during January 1993). In addition to White Documents, FedWorld also provides a gateway to more than 100 government funded BBSs and computer systems.

6. Texas A&M University GOPHER Server makes available White House press releases and other documents. This archive includes information from 1992 until the present time and is updated as new documents are released. Gopher users can reach the Texas A&M server by choosing it from their local server's list of other gophers, or by pointing their gopher clients to GOPHER.TAMU.EDU.

After connecting to the A&M server, take the following path to reach the White House menus:

```
"Browse Information by Subject" -->
"Political Science" -->
    "Information from the White House"
```

Gopher maintainers and other intrepid souls are welcome to point directly to the A&M White House archive. The server is GOPHER.TAMU.EDU and the path is 11/.dir/president.dir.

II. HOW DO I SIGN UP FOR ELECTRONIC PUBLICATIONS BY THE WHITE HOUSE?

The White House Communications office is distributing press releases over an experimental system developed during the campaign at the MIT Artificial Intelligence Laboratory.

You can obtain copies of all the press releases from a wide variety of on-line services or discussion groups devoted to either national politics in general or President Clinton in particular. These are listed in sections I and II.

Section IIc explains how you can sign up to receive press releases directly from the experimental MIT system by using an automated email server. The present system was not designed to handle high levels of message traffic. A more powerful system will become available in due course, and in the meantime, it would be appreciated if you used this service sparingly. One appropriate current use is secondary redistribution and archiving. If you use it, you will be carried forward when the more powerful system that replaces it.

IIa. WIDELY AVAILABLE SOURCES

1. On USENET/NETNEWS, electronic publications are found on a variety of groups:

Direct Distribution

- alt.politics.clinton
- alt.politics.org.misc
- alt.politics.reform
- alt.politics.usa.misc
- alt.news-media
- alt.activism
- talk.politics.misc

Indirect Distribution

- misc.activism.progressive
- cmu.soc.politics
- assocs.clinton-gore-92

2. On CompuServe: GO WHITEHOUSE
3. On America Online: keyword WHITEHOUSE or THE WHITEHOUSE or CLINTON
4. On The WELL: type whitehouse
5. On MCI: type VIEW WHITE HOUSE
6. On Fidonet: See Echomail WHITEHOUSE
7. On Peacenet or Econet: See pol.govinfo.usa.
8. On The Meta Network: Go Whitehouse
9. On GENie: Type WHITEHOUSE or WHRT, or MOVE 1600
10. On CompuServe, see the Democratic Forum: Go Democrats

IIb. NOTES ON WIDELY AVAILABLE SOURCES

2. CompuServe's White House Forum (GO WHITEHOUSE) is devoted to discussion of the Clinton administration's policies and activities. The forum's library consists of news releases and twice daily media briefings from the White House Office of Media Affairs. CompuServe members can exchange information and opinions with each other in the 17 sections in the forum's message area. The message board spans a broad range of topics, including international and United Nations activities, defense, health care, the economy and the deficit, housing and urban development, the environment, and education and national service.
3. On America Online, the posts are sent to the White House Forum, located in the News & Finance Department of the service or accessible via keywords: "white house" or "clinton". The White House Forum on America Online contains the press releases from the White House, divided into the categories "Appointments", "Budget", "Congress", "Education", "Economy", "Foreign Policy", "Health Care", "Housing", "Labor", "Law and Order", "Meetings & Speeches", "Proclamations", "Technology", and "Vice President". The area features a message board so you can discuss the releases with other AOL members, a searchable database for easy retrieval of releases that interest you, a Library for longer releases from the White House, and a library that members can upload files of interest for other members.
4. MCI Mail users access daily information on the administration's programs provided by the White House through MCI Mail bulletin boards. The available boards are: WHITE HOUSE ECONOMIC, WHITE HOUSE FOREIGN, WHITE HOUSE SOCIAL, WHITE HOUSE SPEECHES and WHITE HOUSE NEWS. A listing of these boards can also be obtained by simply typing VIEW WHITE HOUSE at the COMMAND prompt.
5. On The Meta Network, material is posted in the White house conference and is accessible via keywords (matching on document titles and subject categories) as well as full text search. Discussions on specific initiatives take place in special interest forums, e.g. health, technology, and reinventing government.
9. GENie's White House RoundTable has been established to distribute and discuss the official press releases and files relating to the White House and the Clinton Administration. The files library holds all of the press releases on the official mailing list, and the Bulletin Board has Categories set up with topics relating to all aspects of the Administration and Executive Branch of government. Letters to the White House can be entered easily online with a menu option on the WHITEHOUSE page.

10. CompuServe's Democratic Forum (GO DEMOCRATS) is the Democratic Party's online information service covering the activities of the Clinton administration. The sysops of the Democratic Forum work for the Democratic National Committee, and are directly involved in managing the forum and responding to online questions. The Democratic Forum provides access to documents from the White House Office of Media Affairs, with vigorous discussion and debate in the message sections about the impact of the Clinton Administration's policies and proposals. The Democratic Forum also holds a regular weekly online conference with special guests on current topics.

IIC. DIRECT EMAIL DISTRIBUTION

If you don't have access to these accounts or if you would prefer to receive the releases via email, then this section details how to sign up for this service. The server is not set up to answer email letters, comments or requests for specific information. To reach this MIT server, send email:

To: **Clinton-Info@Campaign92.Org**
Subject: Help

The server works by reading the subject line of the incoming message and taking whatever action that line calls for. If you want to sign up to automatically receive press releases, then your subject line would begin with the word RECEIVE. You can then specify what kind of information you are interested in receiving. The categories of information are:

ECONOMY

Get releases related to the economy such as budget news, technology policy review, etc.

FOREIGN

Get releases related to foreign policy such as statements on Bosnian airdrop, Haitian refugee status, etc.

HEALTH

Get releases related to health care policy, without receiving any other social issues. Use this instead of social.

SOCIAL

Get releases related to social issues like National Service (Student Loan) program, abortion, welfare reform, etc.

SPEECHES

All speeches made by the President and important speeches made by other Administration officials.

NEWS

Transcripts of press conferences released by the White House Communications office, as well as the President's remarks in photo ops and other Q&A sessions.

ALL All of the above

So, if you wanted to sign up to get releases related to the economy your email message would look like this:

To: Clinton-Info@Campaign92.Org
Subject: RECEIVE ECONOMY

When you send a signup message to the clinton-info server, it sends you back a status message letting you know what distribution streams you are signed up for. If you ever want to check on what groups you are signed up for send the following message:

To: Clinton-Info@Campaign92.Org
Subject: STATUS

*******You can stop receiving email releases** by sending a REMOVE message to the clinton-info server. The word REMOVE would be followed by whatever distribution stream you wanted to drop. If you wanted to stop receiving message about the ECONOMY then your mail would look like this:

To: Clinton-Info@Campaign92.Org
Subject: REMOVE ECONOMY

You could substitute SOCIAL, FOREIGN, HEALTH, SPEECHES, NEWS or ALL for ECONOMY in the above message and you would be dropped from that distribution list. If you send the subject line REMOVE ALL, then you will be taken off the email distribution system all together and will not receive further releases of any kind.

You can also ask for help from the automated server. Send an email query as follows:

To: Clinton-Info@Campaign92.Org
Subject: HELP

The server will respond by sending you a detailed form that will guide you through the process of signing up for the various distribution streams. As you will quickly discover, there is a automatic form processing interface that parallel the quick and easy subject line commands discussed here. More detailed help is available by sending an email query as follows:

To: Clinton-Info@Campaign92.Org
Subject: Please Help!

Finally, if you want to search and retrieve documents, but you do not have access to the retrieval methods discussed in section II, you can do this via email through the MIT server. You can obtain the WAIS query form by sending an email query as follows:

To: Clinton-Info@Campaign92.Org
Subject: WAIS

Once you have identified the documents that you want, be careful not to request them all at once, because you may be sent a message containing all the documents and this message may be too big for some mail delivery systems between the email server and you.

D. EMAIL SUMMARY SERVICE

The Extension Service of the U.S. Department of Agriculture provides a daily summary of White House electronic publications.

1. Subscriptions

To subscribe to the USDA Extension Service White House Summary service, send a message to:

almanac@ESUSDA.GOV

In the body of the message, type:

subscribe wh-summary

To Unsubscribe from the USDA Extension Service White House Summary service, send a message to:

almanac@ESUSDA.GOV

In the body of the message, type:

unsubscribe wh-summary

2. Document Retrieval

To request a specific document from the daily summaries, send a message to:

almanac@ESUSDA.GOV

In the body of the message, type:

send white-house #####
(where ##### is the request number for the document)

3. Document Search

A user-friendly search facility is also available to search the white-house documents archived at ESUSDA.GOV. To search, send a message to:

almanac@ESUSDA.GOV

In the body of the message, type:

search white-house keyword1 keyword2

4. Catalogue of Summaries and Documents

Back issues and the catalog of the summaries or the documents contained at ESUSDA.GOV can also be retrieved through our almanac server. To get the summary catalog, send a message

To: almanac@ESUSDA.GOV

In the body of the message, type:

send wh-summary catalog

5. Further Information

If you have any questions about Almanac, please contact:

wh-admin@ESUSDA.GOV

III. HOW DO I SEND EMAIL TO THE WHITE HOUSE?

We are pleased to introduce this new form of communication with the White House for the first time in history. As we work to reinvent government and streamline our processes, this electronic mail project will help put us on the leading edge of progress. Please remember, though, this project is still very much under construction. The Office of Correspondence is currently working on defining what this system will do, as well as addressing equipment and staffing needs.

When you send a message to the White House you will receive an immediate acknowledgment that your message has been received. This is the only electronic response you will receive at this stage of development; if you include your street address in your message, you may receive a response by U.S. Mail. Please be assured that every electronic mail message received is read and analyzed by staff. Your concerns, your praise, your suggestions, and your ideas are carefully recorded and reported to the President and Vice President weekly.

You can send email to the following addresses:

Internet Direct: **President@WhiteHouse.GOV**
Vice-President@WhiteHouse.GOV

IV. HOW DO I SEND EMAIL TO CONGRESS?

The House and the Senate are conducting electronic communications projects. You can access Congressional information via the protocols listed below. For additional information, please contact the offices of your Representative or Senators.

Site	Protocol	Host/connection
House	Email	Congress@hr.House.GOV
	Gopher	Gopher.House.GOV [URL: "Gopher://Gopher.House.GOV/11"]
Senate	Gopher	Gopher.Senate.GOV [URL: "Gopher://Gopher.Senate.GOV/11"]
	FTP	FTP.Senate.GOV
Library of Congress	Gopher	Marvel.LOC.GOV [URL: "Gopher://Marvel.LOC.GOV/11"]
	FTP	seq1.LOC.GOV
	Telnet	LOCIS.LOC.GOV

Please note that these are not connected in any way to any White House online projects, so if you have any problems with Congressional systems, you will need to contact their system administrators for assistance.

V. HOW DO I SUBMIT UPDATES FOR THIS FAQ?

Please send corrections, deletion and additions to this FAQ to:

horn_s@a1.eop.gov

Clinton Presidential Records Digital Records Marker

This is not a presidential record. This is used as an administrative marker by the William J. Clinton Presidential Library Staff.

This marker identifies the place of a publication.

Publications have not been scanned in their entirety for the purpose of digitization. To see the full publication please search online or visit the Clinton Presidential Library's Research Room.

**Technology for America's Economic Growth,
A New Direction to Build Economic Strength**



**President William J. Clinton
Vice President Albert Gore, Jr.**

February 22, 1993

Thomas Jefferson

Communication to Col. Yancy, 1816

“If a nation expects to be ignorant and free, in a state of civilization, it expects what never was and never will be. The functionaries of every government have propensities to command at will the liberty and property of their constituents. There is no safe deposit of these but with the people themselves; nor can they be safe with them without information. Where the press is free, and every man is able to read, all is safe.”

James Madison

“A popular government without popular information, or the means of acquiring it, is but the prologue to a farce or a tragedy, or perhaps both. Knowledge will forever govern ignorance, and a people who mean to be their own governors must arm themselves with the power which knowledge gives.”

Idea Space

Or: Why Does it Matter?

- **Solutions Emerge from Idea Space**
- **Linear increases in connectivity**
- **Non-Linear increases in Idea Space**
- **Advantages accrue to larger Idea Spaces**
 - **problems cross all boundaries**
 - » **organizational, temporal, geographical**
 - **no one can know it all**
 - **no one can do it all**
 - **collaboration & cooperation**
- **Telephone technology changed idea space**

Telephone History

- **McKinnley 1st to use telephone extensively**
 - 1896 Campaign run from Ohio
 - listened to Republican convention in Chicago
- **villages to city satellites 1900 - 1915**
 - parcel post
 - Rural Free Delivery
 - automobile
 - telephone
- **1909 Shocking uses of telephone**
- **1910 Convergence**
 - telephone
 - telegraph
 - radio

Connectivity & Complexity

- **All telephone technology fails**
 - What's left?
 - What did it enable?
- **If we increase connectivity 10X, for example:**
- **If all of use are the neurons in a brain**
 - given sparse connectivity, what can emerge?
 - given rich connectivity, what can emerge?

John Holland

- **A network of many agents**
- **Coherent behavior arise from competition & cooperation**
- **Many levels of organization**
- **Agents at one level serving as building blocks at another**
- **Constant revision & rearrangement of blocks**
- **Anticipate the future based upon internal models**
 - **Prediction & feedback**
- **Complex Adaptive Systems have many niches**

Community

65 and over & the 18 - 24s

- **18 - 24s register to vote 33% less [1992]**
- **18 - 24s voted 40% less**
- **Can thinking about community help us understand these differences?**
- **What was the state of 'community' in 1970?**
- **Pre-1930 communities: were they different?**
 - **Divorce rate**
 - **Single parent rates**
 - **Violence vs Personal security**
 - » **Locked doors?**

What wasn't there?

1930 & before

- **No Television**
 - lot less radio
 - less telephone
- **No VCRs**
- **No Super Highways**
- **No mass air transport system**
- **In a word: less top-down, less mass-market**
 - More face to face interactions over longer time
 - More geographic stability
 - More success with the community process?

Correlations?

- **Does experience with functional communities correspond with greater participation in the political process?**
- **Do Dysfunctional communities produce cynics who have no faith in politics and consequently show low voter registration and participation?**
- **Where does the Common Good fit in?**
 - **in political discussions?**
 - » **political legitimacy?**
 - » **self-governance?**

Dynamics of Social Dilemmas

N.S. Glance & B. A. Huberman

- **Unscrupulous Diners' Dilemma**
 - **Absence of central Authority**
- **Common Good vs Bottom Line**
 - **Optimized Individual Bottom Line = ZERO Common Good**
- **Factors for Cooperation & Common Good**
- **Cooperation or Defection**
 - **Expectations About The Future: Horizon Length**
 - **Critical Size = Threshold Value of Same Choice**
 - **Limiting Group Size: Smaller is Better**
 - **Diversity in Membership**

Emergence of Cooperation

- **Long Periods of Stasis**
- **Appears Suddenly & Unpredictably**
 - Happens **VERY** fast
 - May happen in multiple steps
- **Discontinuous Jumps - Punctuated Evolution**
 - Berlin Wall
 - Breakdown of Soviet Union
 - Global Defection from Prevailing Social Compact
 - European Community
 - Global Environmental Awareness
- **Restructuring**
 - Unexpected outbreaks in the emergence of cooperation

The Big Change

- **Old world of the '50s: Top Down**
- **Expensive Barriers to Entry**
 - Newspaper
 - Radio
 - Television, cable
- **Mass Market Orientation**
- **8 lanes into the home, cow path back out**
- **Consumer has little control of:**
 - Content
 - timing
 - delivery

The Coming Era

- **Bottom Up options now available**
- **Very Low barrier to entry**
 - **\$5000 Multi-Media PC Systems**
- **Every home a broadcaster and a consumer**
- **Micro-market potential**
 - **virtual communities of customers**
- **Consumer has lots of control & choices**
 - **To block or not to block?**
 - **fierce competition for customers loyalty & time**

Speculation

- **Use NII to Deliver Government**
 - Information, Services, Benefits (transfer payments)
- **To the Living Room**
- **Multi-media set-top box**
 - secure hardware identification
 - secure user identification
 - easy to use multi-media interface
- **Brings more Americans into the NII World**
- **A government that does more & costs less**
- **Jump starts the business**

Educational Speculation

- **In the 19th Century we did a remarkable thing:**
 - **Mandatory, Universal Access to K-12 Education**
 - » **truancy laws**
 - **Mandatory Universal Access to Textbooks**
- **Information DOUBLES every 6 years**
 - **Textbooks have a 12 year life-cycle**
 - **Scientists who rely on paper are 1-2 years behind**
- **NII will be the Textbook of the Future**
 - **Only way to support life-long learning**
- **Should Access to NII for K-12 be:**
 - **Mandatory & Universal**

Challenges

- **Join ACE - info@ace.esusda.gov**
 - Re-connect yourself with your government
- **Put up a Mosaic server “Welcome to _____”**
- **Teach others how to participate**
 - Adopt a library, clinic, school, civic center
- **Document & Share Success Stories**
- **Become Active, Informed Partners**
- **Contribute to the Global Information Ecology**
- **Grow Your idea Space**