

103D CONGRESS
1ST SESSION

S. 626

To establish a system of State-based electronic libraries, and for other purposes.

IN THE SENATE OF THE UNITED STATES

MARCH 22 (legislative day, MARCH 3), 1993

Mr. KERREY (for himself, Mr. EXON, Mr. MOYNIHAN, Mr. BRADLEY, Mr. HATFIELD, Mr. DASCHLE, Mr. BINGAMAN, and Mr. LIEBERMAN) introduced the following bill; which was read twice and referred to the Committee on Commerce, Science, and Transportation

A BILL

To establish a system of State-based electronic libraries, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-
2 tives of the United States of America in Congress assembled,*

3 **SECTION 1. FINDINGS.**

4 The Congress finds that:

5 (1) A confluence of technologies has made or
6 soon will make possible the delivery of or access to
7 a wide range of information and informational serv-
8 ices, including educational and research data, to our
9 homes, schools and communities.

11 SEC. 2. PURPOSE.

12 It is the purpose of this Act to provide for the cre-
13 ation of a system of State-based electronic libraries
14 which—

15 (1) provide delivery of or access to a vast array
16 of interactive, multimedia educational programs, re-
17 search and informational data and services, and
18 networking opportunities;

9 SEC. 3. AUTHORIZATION.

10 The National Science Foundation, in consultation
11 with the Department of Education, the Department of
12 Commerce, the Defense Advanced Research Projects
13 Agency, and the Library of Congress, is authorized to
14 make multiyear grants to States to develop electronic li-
15 braries. These libraries shall provide delivery of and access
16 to a variety of databases, computer programs and inter-
17 active multimedia presentations, including educational
18 materials, research information, statistics and reports de-
19 veloped by Federal, State and local governments and other
20 information and informational services which can be car-
21 ried over the Internet and similar networks, including the
22 advanced capabilities of the National Research and Edu-
23 cation Network when they become available.

24 SEC. 4. CRITERIA.

25 In order to qualify for a grant, a State shall:

18 (A) hardware and software for demonstra-
19 tion and use purposes. Such hardware and soft-
20 ware shall include but not be limited to com-
21 puter-based servers and work stations, CD-
22 ROMS, network access, including terrestrial
23 and satellite access, computer programs for
24 search and retrieval and other computer hard-
25 ware, software and networking technologies, as

1 appropriate. Such technologies shall, to the ex-
2 tent possible, adhere to standards which pro-
3 mote open architecture and interoperability;

4 (B) software and programs, which identify
5 and provide access to a broad range of mate-
6 rials, including but not limited to—

7 (i) multimedia educational programs
8 which are commercially available;

9 (ii) information developed by Federal
10 departments and agencies, especially infor-
11 mation developed for digitalized libraries
12 and available electronically;

13 (iii) information developed by State
14 and local governments, which is or can eas-
15 ily be made available electronically; and

16 (iv) information developed by colleges,
17 universities, libraries and other research
18 and educational institutions which is avail-
19 able electronically;

20 (C) networking, including but not limited
21 to—

22 (i) connectivity to the Internet and
23 other information services, including the
24 National Research and Education Network
25 when it becomes available;

(ii) dial-in access; and

(iii) access to other advanced means of processing materials in the library from home, school and community, at least on a pilot basis;

(D) programs to facilitate the production of computer graphics, software programs, and customized materials for use in the classroom, to be made available to representatives of libraries and educational institutions;

(E) access to bibliographic information and other information available electronically such as that contained in the Library of Congress, and colleges and universities throughout the country;

(F) databases of information on services available at the State or local level of government, including relevant material on how and where to apply for such services;

(G) coordination with and, where feasible, linkage to other similar systems within the State and, when available, those developed under the high performance computing and communications initiative;

1 (H) an education and training program de-
2 signed to assist people in comprehending and
3 utilizing the technology effectively and locating
4 electronic information resources; and

5 (I) innovative or experimental efforts de-
6 signed to advance networking of electronic in-
7 formation resources and public access to them.

19 SEC. 5. ELIGIBILITY.

20 States which meet the criteria in section 4 shall be
21 eligible to apply for grants under this Act.

22 SEC. 6. TRANSFER OF FUNDS.

23 The National Science Foundation under section 1501
24 of title 31, United States Code, is authorized to transfer
25 funds on a reimbursable basis to other agencies of the

1 Federal Government which can effectively participate in
2 this effort.

3 **SEC. 7. AUTHORIZATION OF APPROPRIATIONS.**

4 To carry out this Act, there are authorized for fiscal
5 year 1994, \$10,000,000; for fiscal year 1995,
6 \$25,000,000; for fiscal year 1996, and each fiscal year
7 thereafter, such sums as may be necessary.

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