

The VTETD Library

scholar.lib.vt.edu/theses/

from

University Libraries, Virginia Tech

Gail McMillan

director, Scholarly Communications Project



650 VTETDs

- ❖ 520 ETDs available online
 - 354 unrestricted access (68%)
 - 166 access limited to Virginia Tech community (32%)
- ❖ 130 withheld from access (20%)

as of January 8, 1998
at <http://scholar.lib.vt.edu/theses/>



Server Log Files Reveal

scholar.lib.vt.edu/theses
January - December 1997

- ❖ 223,991 successful requests
- ❖ +2,945 distinct files requested
- ❖ +13,315 distinct hosts served

- ❖ 34.9% requests for .pdf
- ❖ 53% requests for .html
- ❖ .35% requests for 'media'



VTETDs with Multimedia

602 files in 650 VTETDs

❖ 449 still images

- 234 GIF
- 126 JPG
- 89 TIF

❖ 25 movies

- 8 Quicktime
- 6 AVI
- 11 Mpeg

❖ 42 sound files / WAV parrot calls

❖ 85 VRML / WRL

❖ 1 Macromind Director 378 Mb ETD



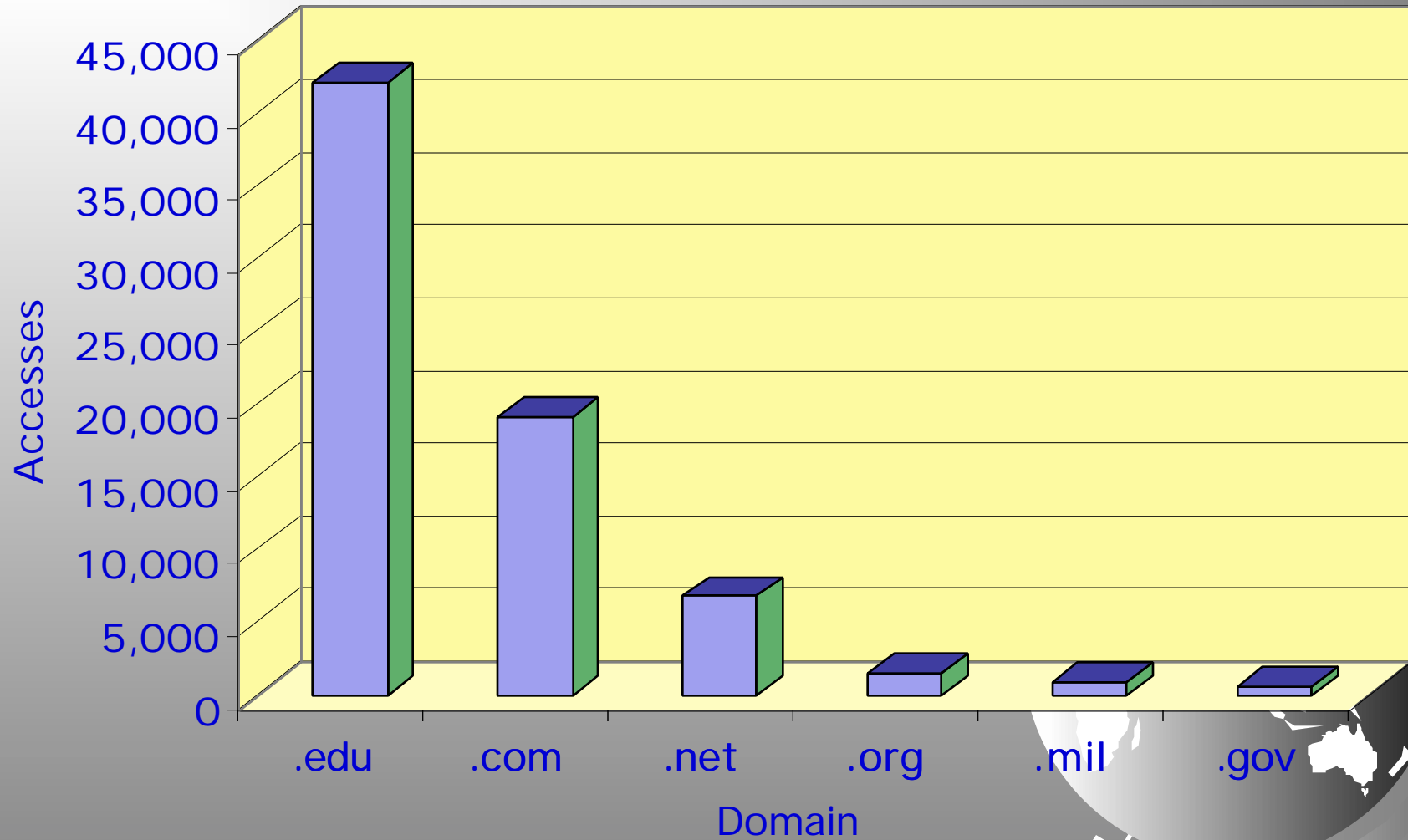
Potential savings for libraries can be realized from ETDs

- ◆ 175/month out on ILL (interlibrary loan)
- ◆ 70/month retrieved from off-site storage
- ◆ 148/month circulating from the general collection/month



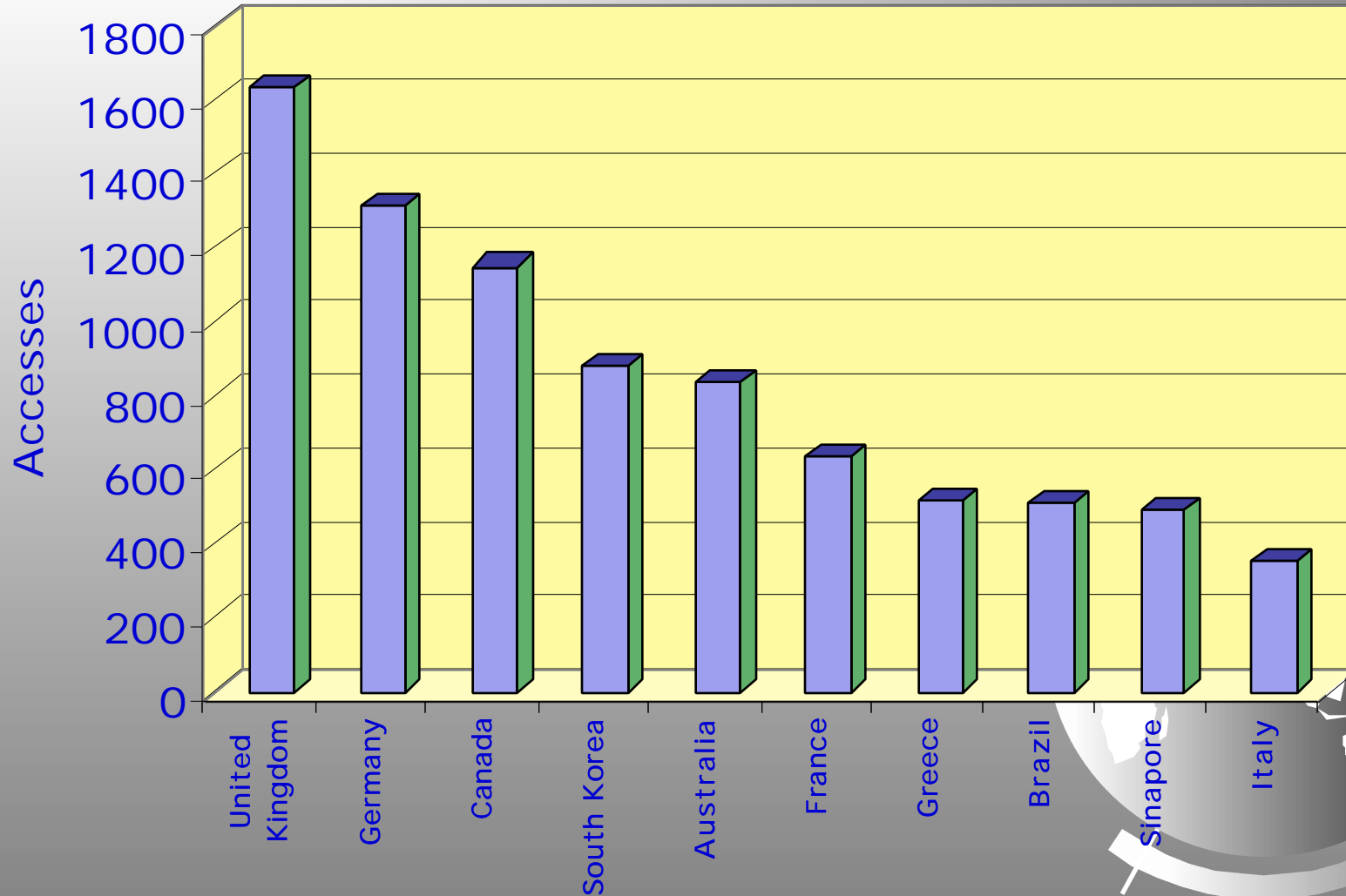
ETD Accesses by Domain

January - August 1997



International Accesses to ETDs

January - August 1997



Library Introduces Faculty to ETDs

- ◆ Overview of process and access
 - from student's submission to public access
 - virtually tour ETD Web sites
- ◆ Faculty concerns
 - Now: Future publication potential, copyright
 - Previously:
 - ▼ Does the Library have enough online storage space?
 - ▼ Network response time might be too slow



Anticipated Changes for ETDs

- ◆ **Redesign of submission form**
 - data for analysis and to generate bibliographies, etc.
- ◆ **ETDs in dual formats: PDF and SGML**
 - Portable Document Format*
 - Standard Generalized Markup Language*
- ◆ **MARC derived from SGML (ETD DTD)**
 - MAchine Readable Cataloging*
 - ETD Document Type Definition*
- ◆ **Distributed searching of NDLTD**
 - Networked Digital Library of Theses and Dissertations*



New Concerns for Libraries

- ◆ Limiting access to some ETDs
 - 1/3 restricted Dec. 1997 (166 of 520) at VT
 - InterLibrary Loan unavailable for these works
 - Contact authors for copies? Distribute authors' email addresses?
- ◆ Multiple formats sometimes (architecture)
- ◆ URLs >> PURLs and Handles



Join the NDLTD

Networked Digital Library of Theses & Dissertations

❖ Contact

- John Eaton, Graduate School (eaton@vt.edu)
- Gail McMillan, Library (gailmac@vt.edu)
- Ed Fox, Computer Science (fox@vt.edu)

❖ Browse

- [http:// scholar.lib.vt.edu/theses/](http://scholar.lib.vt.edu/theses/)
- <http://www.ndltd.org>

❖ Share your ideas, questions, concerns



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