



Bibliothèque numérique de l'enssib

Turning the library inside out, 4 au 7 juillet 2006  
35<sup>e</sup> congrès LIBER

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### **JSTOR: Past, present and future**

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# **JSTOR Update**

**LIBER Conference  
July 2006**

Stephanie Krueger  
Assistant Director,  
International Library Relations,  
JSTOR



# The 'Logic' of JSTOR: 1995

Digitization could save libraries money if:

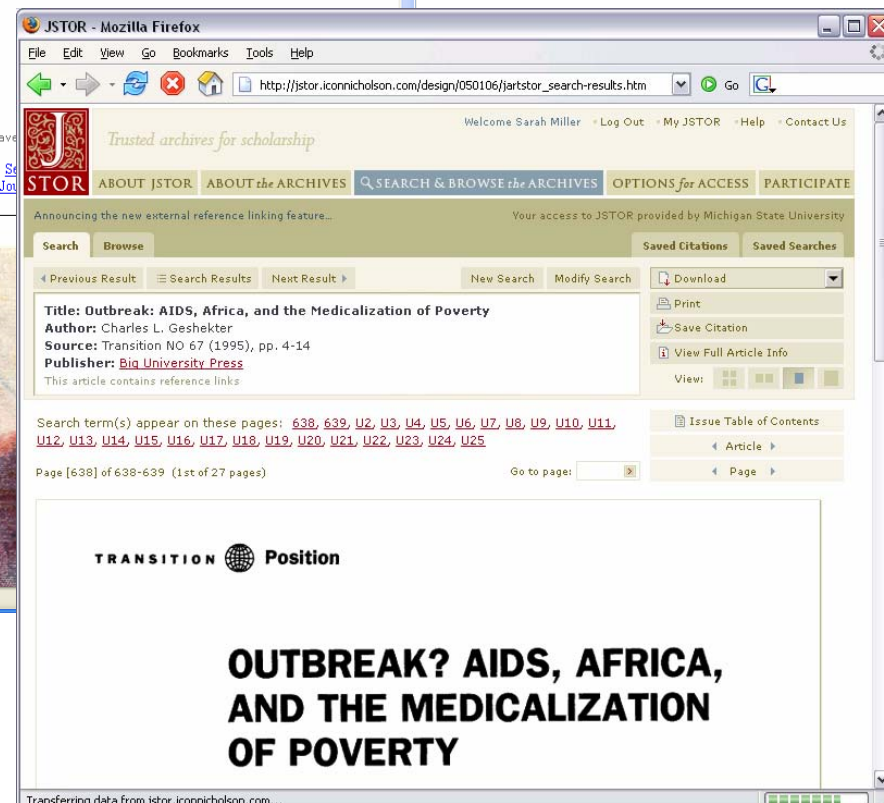
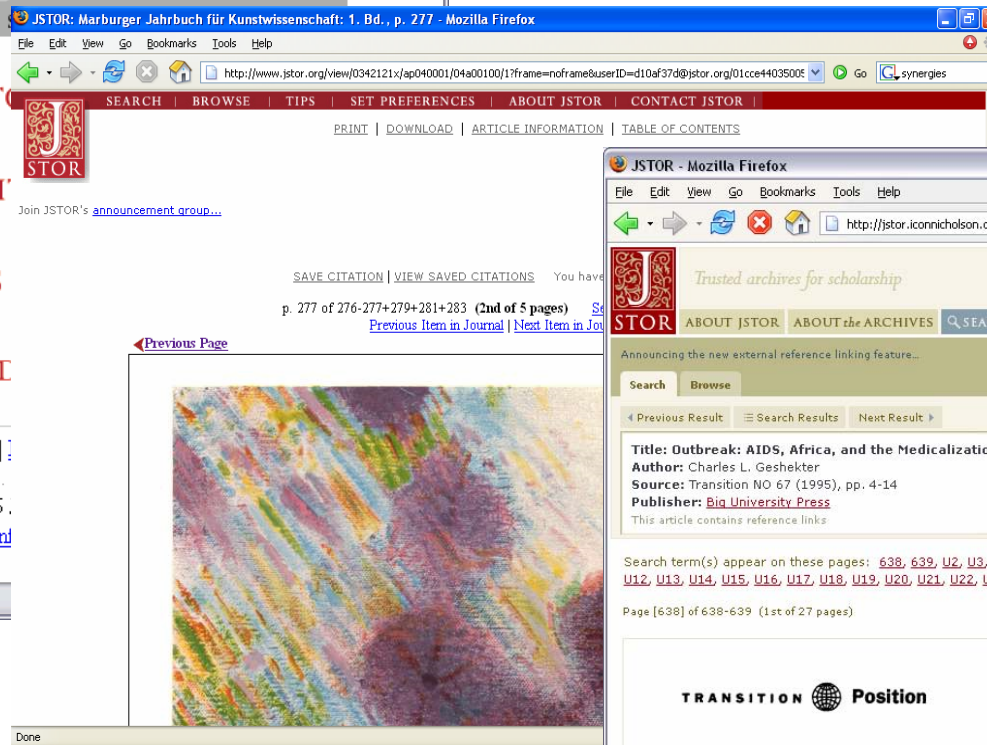
- Technological quality was adequate
- Process proved economical
- Users accepted digital as substitute for print
- Could be reliably archived
- Sustainable

Search and browse capabilities were viewed as sufficient access mechanisms





1997-06+



**OUTBREAK? AIDS, AFRICA,  
AND THE MEDICALIZATION  
OF POVERTY**



# Usage Volume Places New Demands

- Drives need for more robust network capacity and user support services
- Creates demand for more advanced access features and capabilities

But archival and quality assurance demands remain!



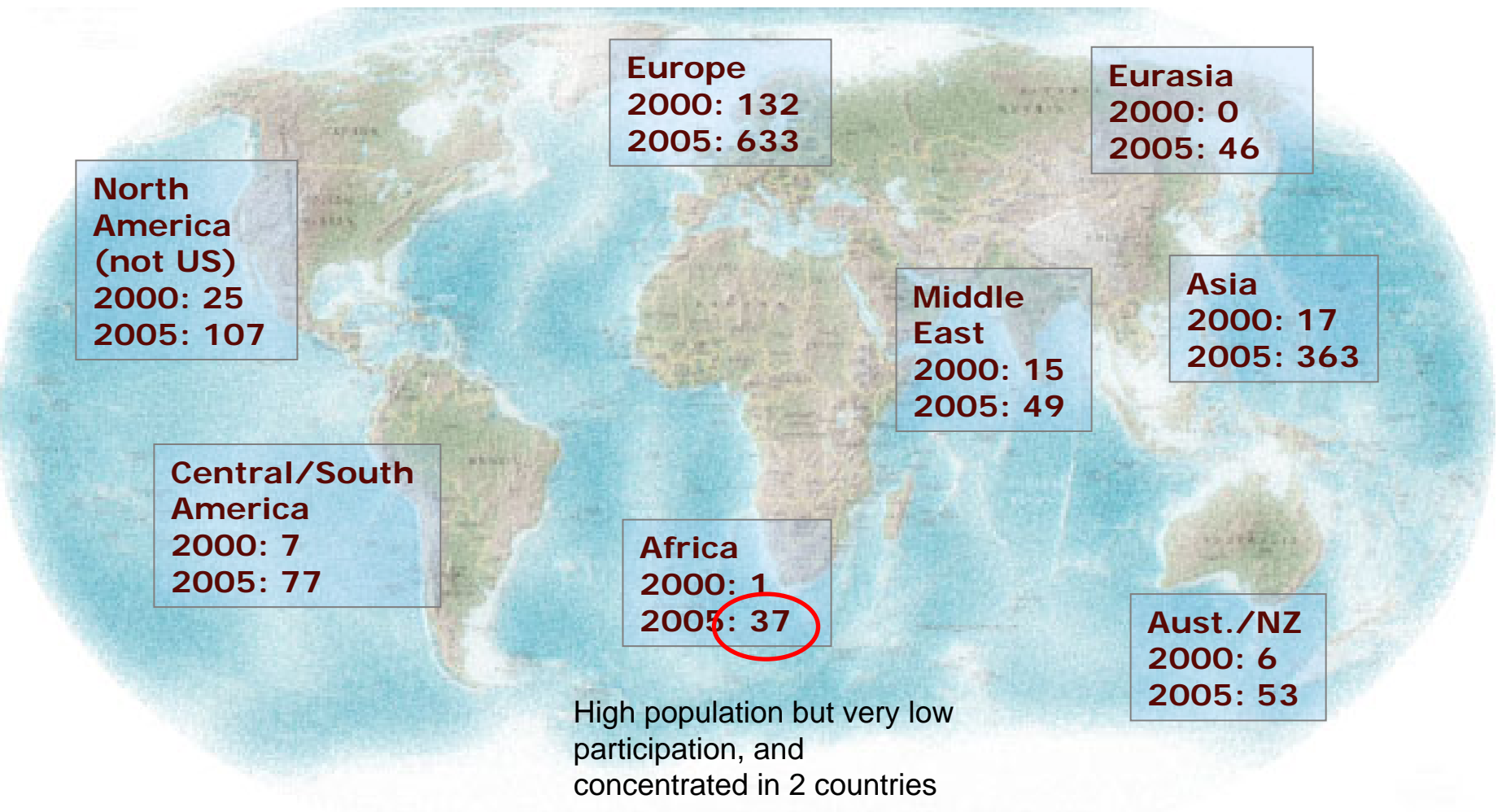
# Criteria for Assessing JSTOR's Progress

- How broad and deep is the community participation in the project?
- What practices ensure the persistence and security of the archive?
- How broadly used and useful is the content?
- Is library participation economical and sustainable?





# International Growth by Region 2000 to 2005





# Community Participation

## International Publishers

Country	Publishers
UK	49
Canada	10
France	7
Germany	6
Netherlands	5
Sweden	4
Switzerland	3
Belgium, Japan	2 each
Argentina, Australia, Austria, Croatia, Egypt, Hungary, India, Italy, Mexico, Nigeria, Peru, and Poland	1 each



# Linking is Increasingly Important

- Top Linking Partners, 2005
  - RePEc
  - ExLibris (SFX)
  - Thompson ISI
  - MathSciNet
  - ABC-CLIO
  - Cambridge Scientific Abstracts
  - Ecological Society of America
  - Serials Solutions
  - EBSCO Publishing
  - Google, beginning December 2005

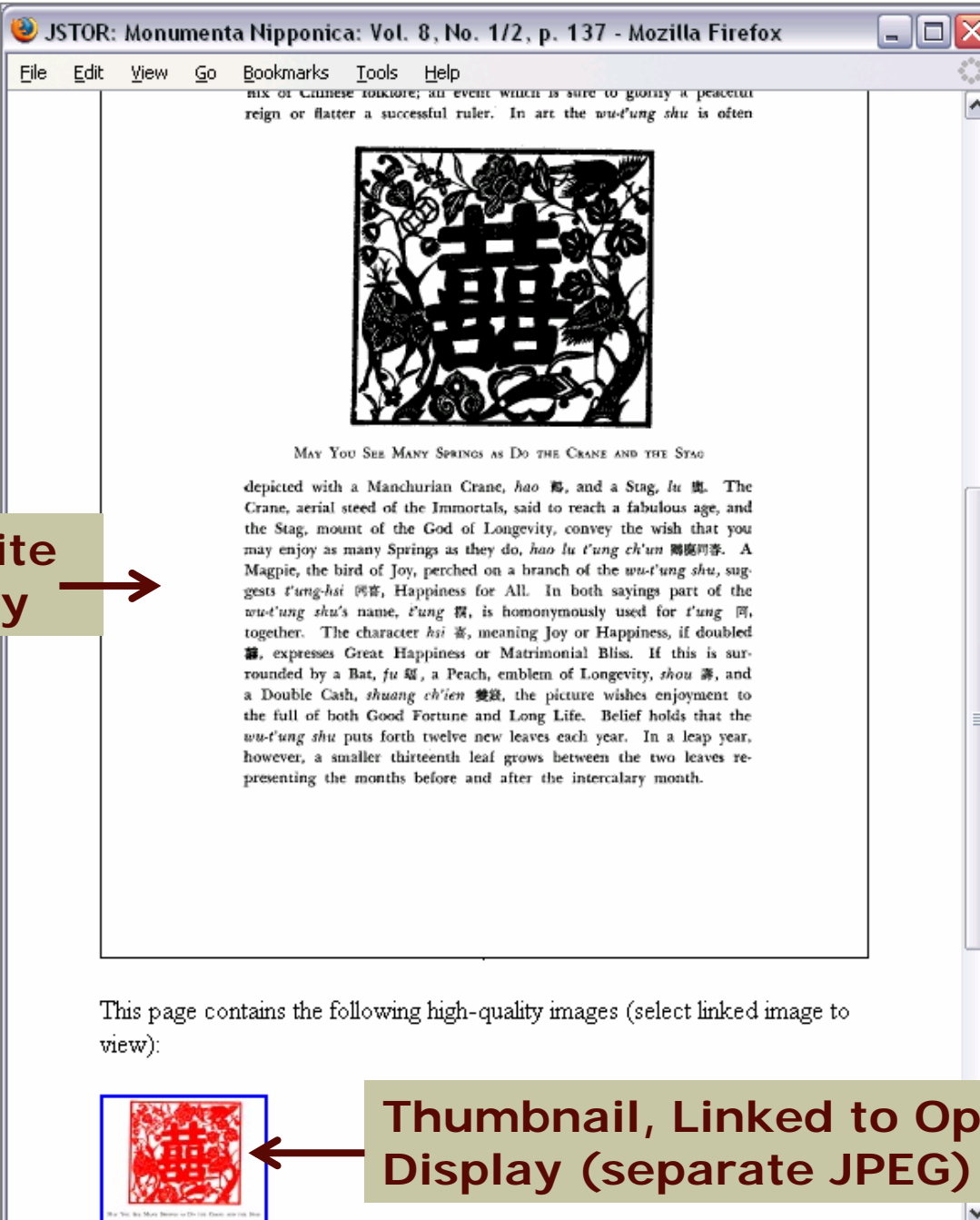


# As Capabilities Improve, Older Digital Versions Must be Retroactively Upgraded

## Example: Image Compositing

- Originally, JSTOR preserved page images with crisp text only
- Graphs and images were rendered in less-than-ideal black & white
- In order to display images more accurately, we offered a separate file of the image optimized for color and tone rather than text





Black & White  
Page Display



This page contains the following high-quality images (select linked image to view):



Thumbnail, Linked to Optimized  
Display (separate JPEG)





19 Sully, *Mother and Child*, oil on mahogany panel, 1827. Private collection (photo: courtesy Richard York Gallery, New York)



Before Image  
Compositing





19 Sully, *Mother and Child*, oil on mahogany panel, 1827. Private collection (photo: courtesy Richard York Gallery, New York)



After Image  
Compositing



# Keeping the Archive Useful

## Example: Reference Linking

- Navigate easily from a reference in an article to a cited work
- Initially, "internal" reference linking within JSTOR
- Approximately 19,000 links are currently available
- We will continue to add to the available links throughout the coming months until all citations in the archive have been captured







# Language Searching

- Unicode searching recently enabled in the JSTOR interface

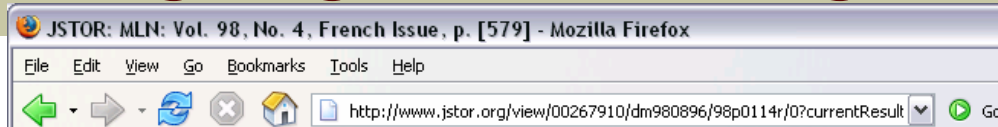
*Example: Jürgen*

Will find exact matches and transliterations, in this case “Jürgen” or “Jurgen”

- Language metadata field now searchable.  
Common ones:
  - Frence
  - German
  - Spanish
  - Arabic
  - Italian



# Use & Usefulness Language Searching



## Qui Signe 'Flaubert'?



Eugenio Donato

En racontant une histoire je fais parler le mort.

—L. Marin

Moi: gardien de cimetière.

—J. Derrida

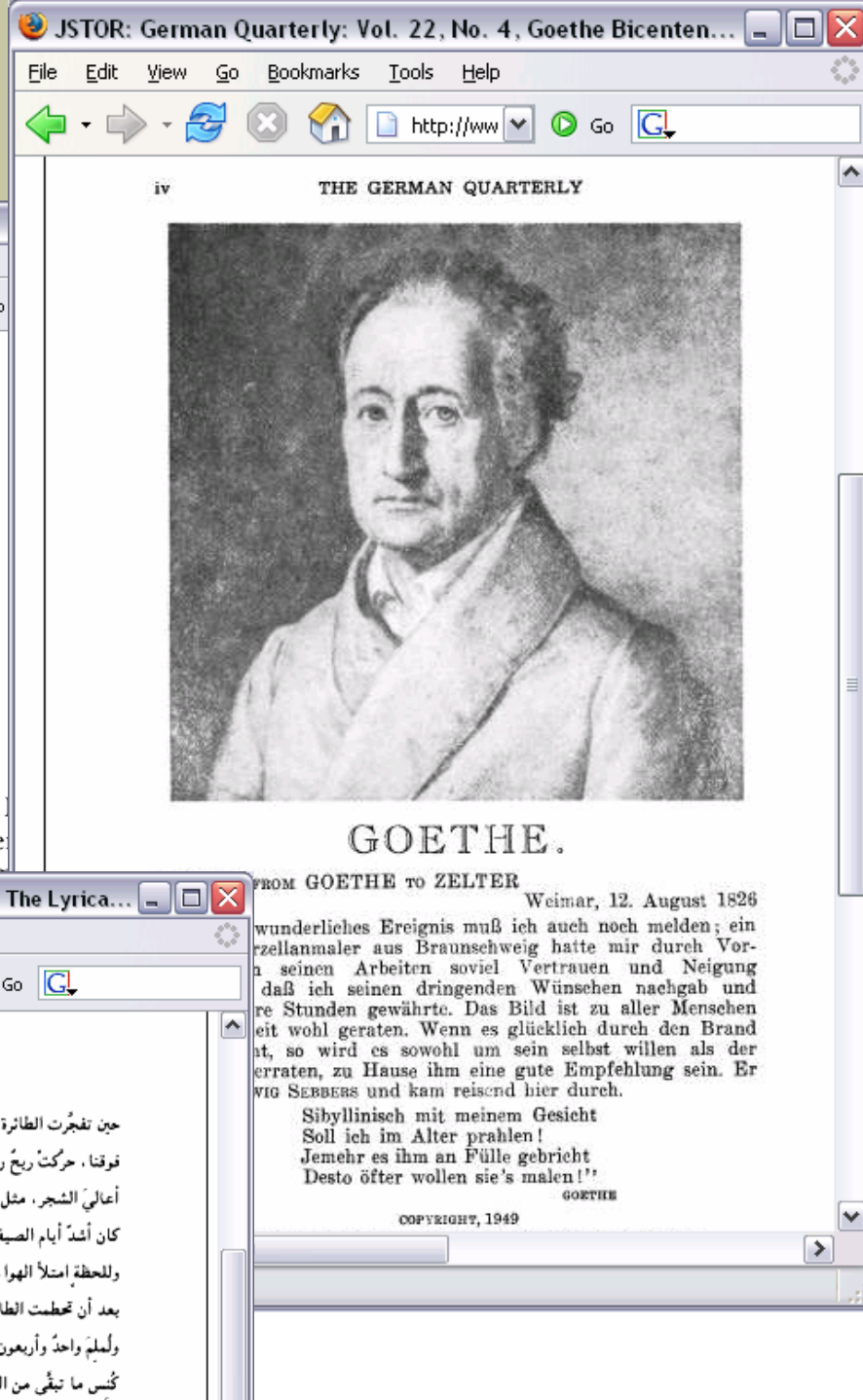
Dans une lettre, écrite le 26 Juin 1852, adressée à Maxime Camp qui vient de s'installer à Paris et qui invite son ami à y venir pour s'y faire "un nom", Flaubert proteste:

Tu me parais avoir  
bête pas, n'aie aucun  
temps.

Je te dirai seulement  
temps, place prise, sens.  
sens. C'est comme  
Arriver, à quoi? .

Etre connu n'est pas

Le lieu des renommées  
voudrait y inscrire



قائم لا محالة كل ما يلتقي

حين تفجرت الطائفة

فوقنا، حركت ربيع رتيبة من الجنوب

أعالي الشجر، مثل يد عملاقة.

كان أشد أيام الصيف قسطاً

وللحظة امتلأ الهواء بالأجهزة-الآلات.

بعد أن تحطمت الطائفة

وللملم واحد وأربعون جسداً

كس ما تبقى من الطائفة ووضع في مغلفات.



# Conclusions

- Community-based action has produced good results!
- Libraries have begun to realize some of the savings possible from online content, but not necessarily seen in serial expenditures
- Further savings are possible as publishers develop business models that eliminate unneeded print copies
- Greater user features enhance user acceptance and accelerate transition