

University of Massachusetts Amherst

From the Selected Works of Marilyn S. Billings

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Marilyn S Billings



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Available at: https://works.bepress.com/marilyn_billings/81/



Open Education: a “New Normal” of Scholarly Communication

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Today's Outline

- Introduction
- Context: Changing Times 90s and 00s
- New Models and Partnerships
 - Institutional Repositories
 - Open Access Journals, working papers
 - Open Education
- Trends and Implications

Changing Times of '90s and '00s

- Invention of Web, 1993
- Journal Crisis in Libraries, '90s
- Trend toward digital
- Growing ubiquity of Internet
- Open Access movement, early '00s

Federal Mandates

- Federal agency mandates for

- Open Access – began in 2008

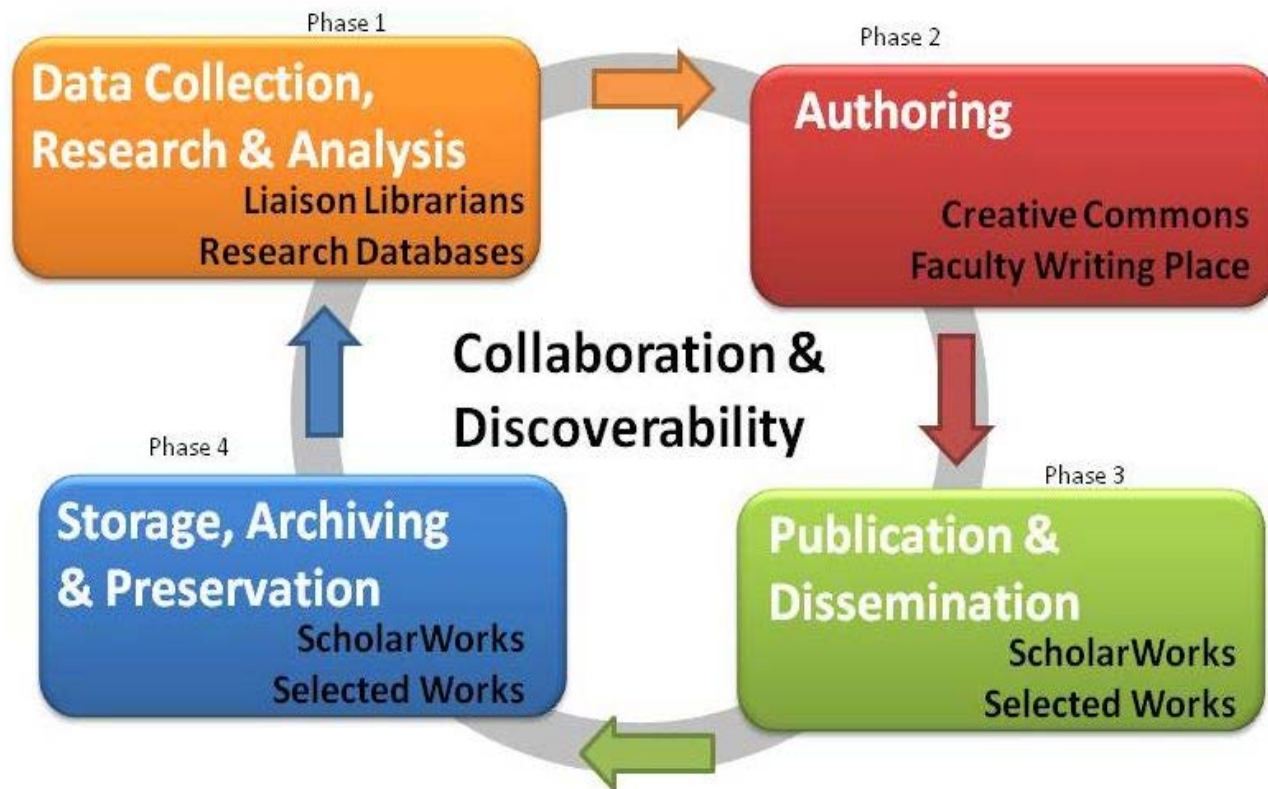
Any federal agency with \$100 million or more in annual R&D expenditure (NIH, NSF, NEH ...)

- Open Education – began in 2012

Department of Labor with TAACCCT grants

Department of Education #GoOpen

The Scholarly Communication Life Cycle





Scholarly Communication: New Models

- Institutional Repositories
 - Unified open access to and preservation of the digital collections of works of members of the institution's community
- Open Access Journals, working papers
 - Journals available at no cost to end user
 - Various models and implications
- Open Education
 - Resources, tools and practices that employ a framework of open sharing to improve educational access and effectiveness worldwide.

ScholarWorks@UMass Amherst

The screenshot shows the ScholarWorks@UMass Amherst website. The header features the title "SCHOLARWORKS @UMassAmherst" in white on a dark red background, with a small aerial photo of the campus to the right. Navigation links for Home, About, FAQ, and My Account are visible. A descriptive paragraph states that the repository is a digital showcase of research and scholarly output, administered by the UMass Amherst Libraries. The main content area is divided into several sections: "Browse Research and Scholarship" with links to Dissertations and Theses, Journals and Conference Proceedings, SelectedWorks Author Gallery, Research Centers and Institutes, School, College, or Department, University of Massachusetts Press, and Community Engagement; a circular "Explore 40,473 works" graphic; "At a Glance" statistics showing 30,463 papers, 2,475,644 full-text downloads, and 1,079,177 downloads in the past year; "Recent Additions" of 20 most recent additions; and a "Paper of the Day" featuring a paper on phase transfer-catalyzed nitromercuration of diene polymers by JCW Chien and T Kohara. The right sidebar contains a search bar, advanced search options, RSS/Email notifications, browse categories (Collections, Disciplines, Authors), an Author Corner, and links to UMass Amherst Libraries, UMass Amherst, and Contact Us. The footer includes the UMass Amherst logo, sponsorship information from the University Libraries, copyright notice for 2009, and links to Site Policies and Digital Commons powered by bepress.

SCHOLARWORKS
@UMassAmherst

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ScholarWorks@UMass Amherst is a digital showcase of the research and scholarly output of members of the University of Massachusetts Amherst community. The ScholarWorks repository is administered by the UMass Amherst Libraries and serves as a permanent digital archive for these scholarly materials. ([more](#)).

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Explore 40,473 works

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At a Glance

Top 10 Downloads
All time

Recent Additions
20 most recent additions

Paper of the Day

**PHASE TRANSFER-CATALYZED
NITROMERCURATION OF DIENE
POLYMERS**
JCW CHIEN, T KOHARA, *et al.*

30,463 papers to date 2,475,644 full-text downloads to date 1,079,177 downloads in the past year

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Established in 2006

First collections:

- ETDs
- Faculty researcher pages
- Rasenna – journal in Etruscan Studies
- Research Centers
- Community Engagement

Journal of Medicinally Active Plants

A Publication of the American Council for Medicinally Active Plants




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Volume 2 (Issue 3-4)

Front Matter

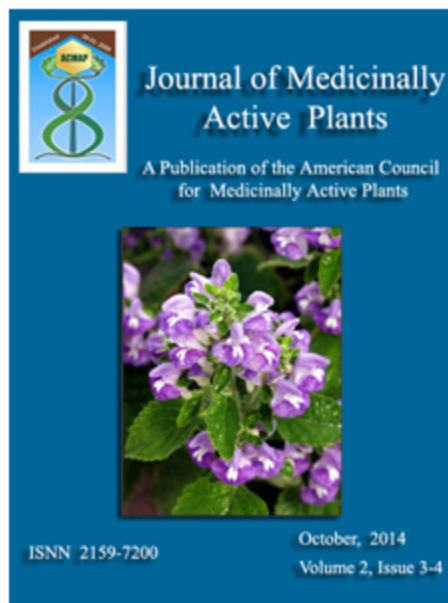
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Brajesh Vaidya, Terri A. Brearley, and Nirmal Joshee

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NERR

Proceedings of the Northeastern Recreation Research Symposium

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NORTHEASTERN RECREATION RESEARCH SYMPOSIUM


This site is in progress. Please check back soon.

Browse the contents of Northeastern Recreation Research Symposium:

[Proceedings of the 2013 Northeastern Recreation Research Symposium](#)

[Proceedings of the 2012 Northeastern Recreation Research Symposium](#)

[Proceedings of the 2011 Northeastern Recreation Research Symposium](#)

Reader from:  Middlebury, Vermont, United States

Title: The Significance of Place in John Muir's Writings about Wilderness



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Sustainable UMass

Sustainable UMass is a campus wide campaign consisting of passionate students, faculty, staff and alumni from all walks of life who believe in making a difference in our educational, regional and global community. At UMass Amherst, we believe in the power of bold innovative thinking and the power of our students and community to make a significant and positive impact on the lives of others and the planet.

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[Home](#) > [ENGAGEMENT](#) > [Fish Passage Community](#)



The Fish Passage Community at UMass Amherst



Rock Ramp Fishway

A nature-like rock ramp fishway in Orrington, Maine becomes the aesthetic center-piece of a local park.



The Fish Passage community at the University of Massachusetts Amherst is an affiliation of scientists, engineers and other professionals from the Department of Civil and Environmental Engineering, the Department of Environmental Conservation, the Northeast Region of the U.S. Fish and Wildlife Service and the U.S. Geological Survey's Conte Anadromous Fish Research Center. Members of this community and their partners work cooperatively towards the development and application of the science of fish passage

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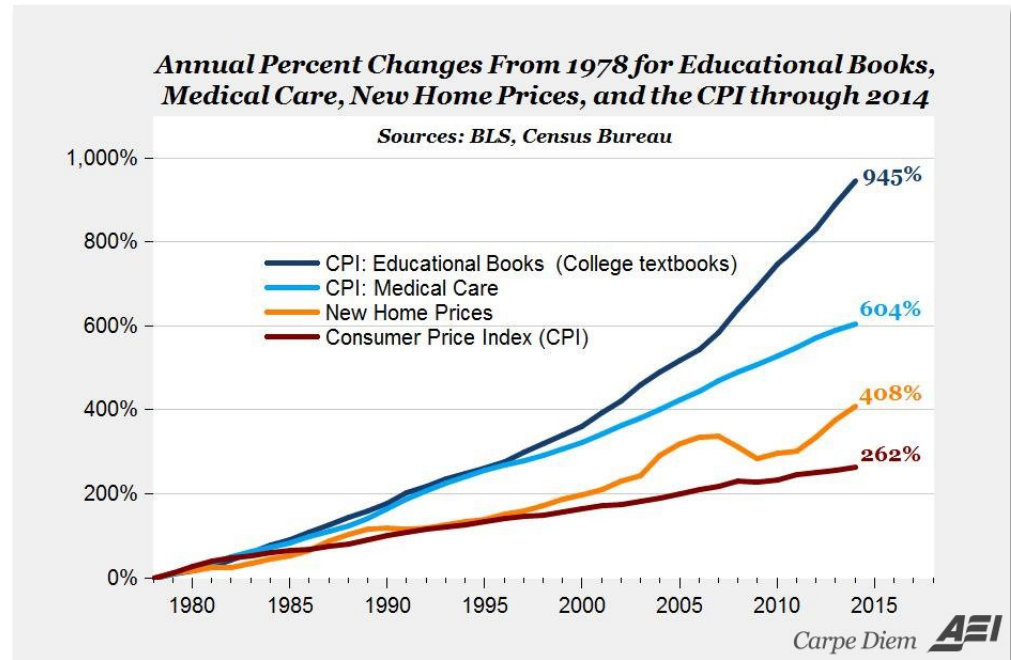
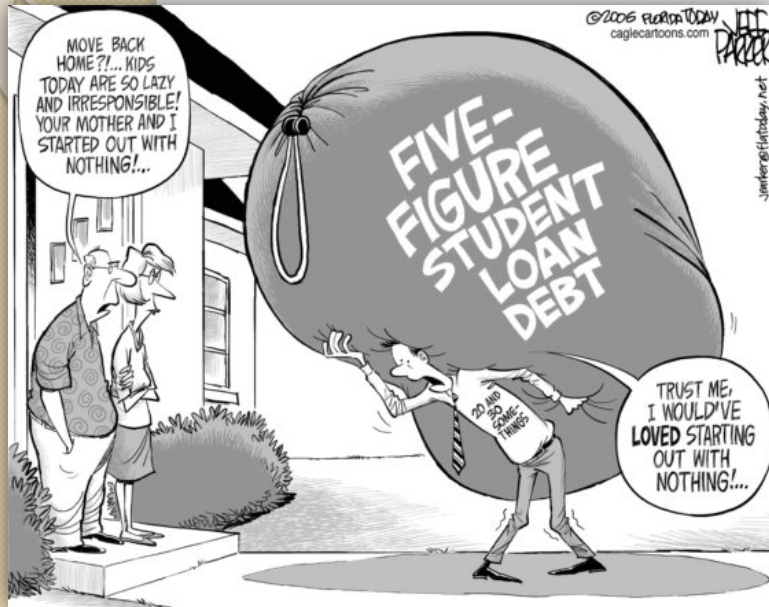
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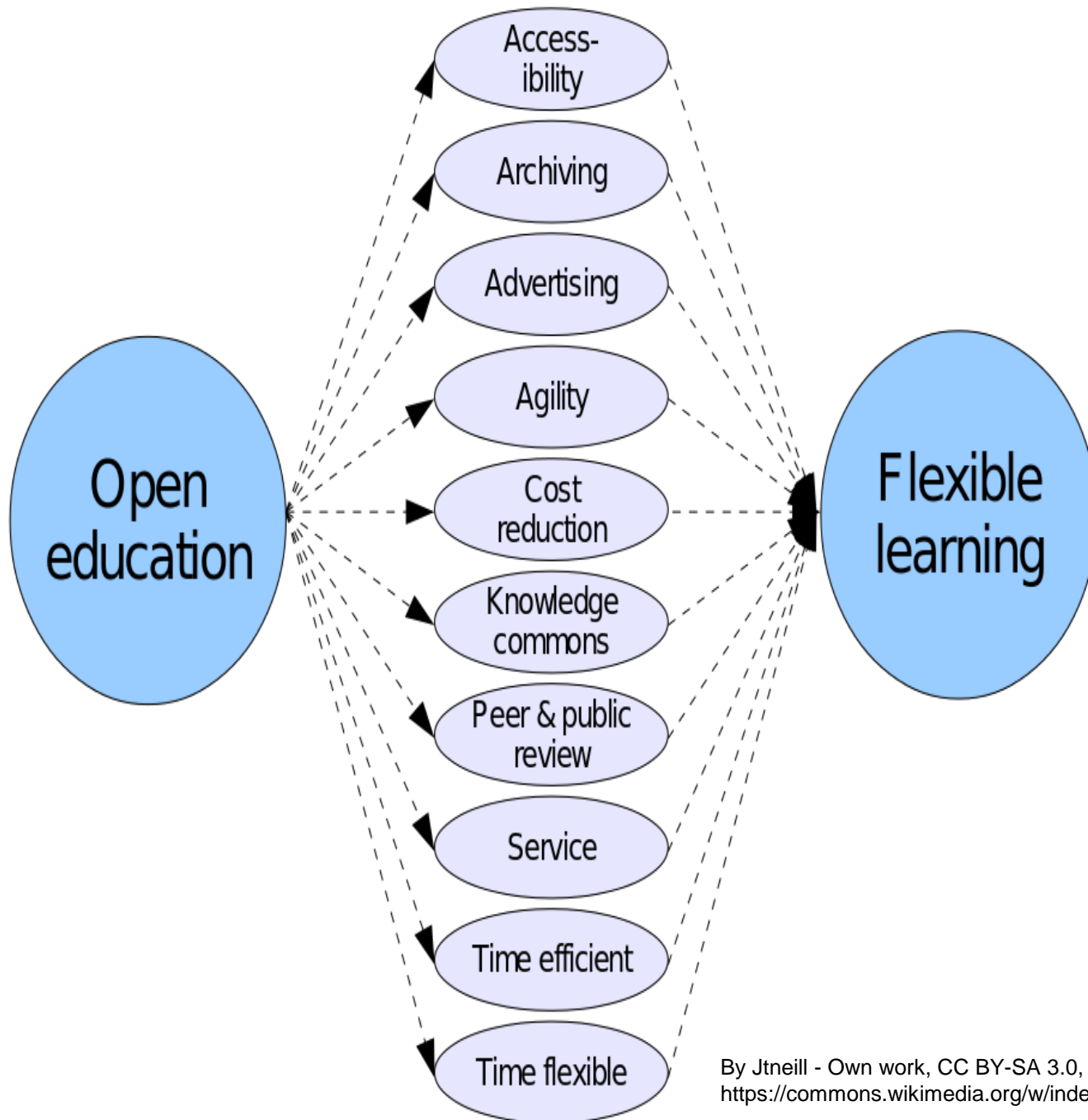
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Textbook Trends '90s on



The high cost of commercial print textbooks is a major concern for parents, students, and even the federal government.



What are Open Education Resources?

- O is for **O**pen – openly accessible
- E is **E**ducational – learning
- R is or **R**esources – content

Think Five Rs

- **Reuse** - use freely for own purpose
- **Redistribute** - share with others
- **Revise** - adapt, modify, change
- **Remix** - combine / transform
- **Retain** - Users have the right to make, archive, and "own" copies of the content

Open Educational Resources Website at UMass Amherst

UMass**Amherst** Libraries

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Custom Course Guides
Request Instruction
Open Educational Resources (OER)

- OER Advocacy
- Open Audiovisual Resources
- Open Books & Textbooks
- OER Repositories
- Open Lectures, Tutorials, and Courseware
- Open Education Events
- UMass Library Open Education Initiative

UNIV 190-L : Demystifying Library Research
Video tutorials
Instruction feedback form

Open Educational Resources

**Open Educational Resources**

What are Open Educational Resources (OER)?

Open Educational Resources are educational materials and resources offered freely and openly for anyone to use and under some licenses to re-mix, improve and redistribute. They include:

- Learning content: full courses, course material, content modules, learning objects, collections, and journals.
- Tools: software to support the creation, delivery, use and improvement of open learning content including searching and organization of content, content and learning management systems, content development tools, and online learning communities.
- Implementation resources: Intellectual property licenses to promote open publishing of materials, design-principles, and localization of content.

Why OER?

OER is a relatively new movement in education; educators and learners as well as learning institutions are driving its development. OER provides an alternative to the rising costs of education. For example, in some countries like South Africa, many educators and learners are tapping into OER as the only source for textbooks. OER provides an opportunity to try new ways of teaching and learning, many of which are more collaborative and participatory.

**Why Open Educational Resources Matter**
from Brendan Walsh

<http://www.library.umass.edu/services/teaching-and-learning/oer/>

Faculty Roles and Open Access

- Faculty Roles

- Authors
- Peer-reviewers
- Editors

- Open access options

- Creative Commons licenses
- Negotiate Author Agreements
- SPARC addendum
- Open Education choices

How are faculty going to address these new roles and responsibilities?

Creative Commons Licenses

Two basic questions from faculty

- How do I protect my copyright on the works I create?
- How do I make sure I'm not infringing on the copyright of others?

Answer: It depends.

- How do you want your work to be used?
What is it that you want out of this experience?
- Do you want others to be able to use it?
- Do you want to commercialize it?
- Do you want attribution?

<https://creativecommons.org/licenses/>

The screenshot displays the Creative Commons license selection process, organized into four panels:

- License Features:** This panel allows users to configure their license. It includes options for "Allow modifications of your work?" (Yes, No, or Yes, as long as others share alike), "Allow commercial uses of your work?" (Yes or No), and "License Jurisdiction:" (set to International).
- Selected License:** This panel shows the chosen license, "Attribution 3.0 Unported", with the CC and BY icons. It also features a "This is a Free Culture License!" badge and a green "APPROVED" seal.
- Help others attribute you!:** This panel provides fields for "Title of work", "Attribute work to name", "Attribute work to URL", "Source work URL", and "More permissions URL". It also includes a "Format of work" dropdown (set to Other / Multiple formats) and a "License mark" dropdown (set to HTML+RDFa).
- Have a web page?:** This panel shows the license icon and a code snippet for embedding the license on a website. The code is:

```
<a rel="license" href="http://creativecommons.org/licenses/by/3.0/deed.en_US"></a><br />This work is licensed under a <a rel="license" href="http://creativecommons.org/licenses/by/3.0/deed.en_US">Creative Commons Attribution 3.0 License</a>
```

 Below the code, there are radio buttons for "Normal icon" and "Compact icon".

Trends in Higher Education

- Article level and alternative metrics
- New library services
- All things “open”
 - Access
 - Data
 - Education
 - Scholarship creation
 - Social networking tools
- Funder mandates
- Data management

The background of the slide features a soft-focus image of several hands of different skin tones shaking in a firm grip over a faint, light-colored map of the world. The hands are positioned in the center, with fingers interlaced, symbolizing global cooperation and partnership. The map is visible through the transparency of the hands and the overall light blue and white color scheme of the background.

Continuing Partnerships

Promote Open Access initiatives

Provide expertise on metadata, author rights, usage rights, digital fluency, and more

Provide education and workshops

Share our work with others



Strategic Planning

- Alignment with institution priorities
- Discovery and impact
- Community engaged teaching and learning
- Openness and intellectual integrity
- Integration and collaboration
- Culture of evidence, demonstrated value
- Destination of choice advantage



Questions / Discussion

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