

從 DPLA 談起

黃鴻珠

資訊與圖書館學系

2013-12-12



綱要

- 前言
- DPLA 的緣起
- DPLA 發展的概況
- DPLA 的現況
- DPLA 引述發展數位圖書館的國家
 - 荷蘭、法國、日本、挪威、韓國、澳大利
- DPLA 的省思
- 結語

Welcome to the Digital Public Library of America



Posted by [Dan Cohen](#) on April 18, 2013 in [DPLA Launch](#), [DPLA Updates](#).

It's not very often you get to build a new library. Together, that's what we will begin to do today. Starting with over two million items, each with its own special story and significance, the Digital Public Library of America will now begin to assemble the riches of our country's libraries, archives, and museums, and connect them with the public.

Today also begins my tenure as the founding Executive Director of the DPLA, after twelve years at the Roy Rosenzweig Center for History and New Media at George Mason University. My friend Roy always wanted "to use digital media and computer technology to democratize history" and the access to it; it is simply a joy and an honor to be able to extend that worthy mission with a library of this scale and openness.

Since I accepted the position, many people have been asking me what the Digital Public Library of America will actually be. Simply put, there will be three key elements to the DPLA:

- First, an easy-to-use portal where anyone can access America's collections and search through them using novel and powerful techniques, including by place and time.





The Chronicle of Higher Education



The Conversation

Opinion and ideas.

April 18, 2013 by [Robert Darnton](#)



Free to All

Some have detected a revolutionary message behind the choice of today as the date to launch the Digital Public Library of America—a project to make the holdings of libraries, archives, and museums freely available in digital form to all Americans. They're right.

"On the eighteenth of April, in Seventy-five," as Longfellow put it in "The Midnight Ride of Paul Revere," Paul Revere did not merely warn the farmers of Lexington and Concord that the redcoats were coming. His "midnight message" was a call for liberty. To free Americans' access to knowledge may not be so dramatic, but it is equally important; for Revere and all the founding fathers knew that a republic could not flourish unless its citizens were educated and informed.

Nor is it a coincidence that the launching pad of the Digital Public Library of America is the Boston Public Library, the first great public library in America, which proclaims in letters chiseled over its main entrance, "Free to All." That is the revolutionary message of the DPLA. It will make our country's heritage available to everyone and at no charge: "Free to All."

The tragic disaster at the Boston Marathon took place just across from the library and made it necessary to cancel today's launch event. But a virtual launch will occur as planned, so the DPLA



2013-12-12



前言

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- 哈佛大學難以維繼的刊物
- DPLA 的發展

Is the Academic Publishing Industry on the Verge of Disruption?

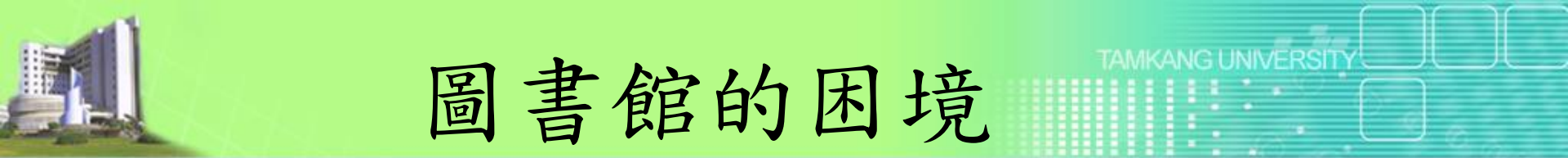
As Harvard balks at subscription cost and others take a page from its book, open access publishers get a fresh look

By SIMON OWENS

July 23, 2012 |  RSS Feed |  Print



In the quiet, restrained world of research libraries, any controversies that arise are, for the most part, cordial and largely academic. So some within the industry may have been



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3. Big Deal 訂閱模式的後患
4. 巨大出版社的壟斷



2. 期刊訂費高漲幅

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- Library Journal 7% ~ 9%
- Journal of Comparative Neurology
 - US\$ 29,113 US\$ 30,860 (2014)
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- Biochimica et Biophysica Acta US\$ 19,999

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- 解決方案？



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的出版量



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November 17, 2013

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The Chronicle Review

February 24, 2011

It's Time for a National Digital-Library System

But it can't serve only elites

By David H. Rothman

William F. Buckley Jr., my political opposite, once denounced the growing popularity of CD-ROM's in student research. Shouldn't young people learn from real books?

I disagreed. Why not instead digitize a huge number of books *and*



David Plunkert for The Chronicle Review

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2. We Must Prepare Ph.D. Students for the Complicated Art of Teaching



DPLA 的緣起

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<http://www.nybooks.com/articles/archives/2011/nov/24/jeffersons-taper-national-digital-library/?pagination=false>

Jefferson's Taper: A National Digital Library

Robert Darnton

E-MAIL PRINT SHARE

Read: NOW LATER



Christophe Boisvieux/Corbis

The library of the Strahov Monastery, Prague, Czech Republic

In a famous letter of 1813, Thomas Jefferson compared the spread of ideas to the way
people light one candle from another. "If I make a copy of a book, I give it to a neighbor, and so on."

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DPLA 的精神



- The ambition behind this project goes back to the founding of this country. Thomas Jefferson formulated it succinctly: “Knowledge is the common property of mankind.”
- He was right—in principle. But in practice, most of humanity has been cut off from the accumulated wisdom of the ages.

Robert Darnton, “A library without walls”, The New York Review of Books, Oct. 4, 2010.

<http://www.nybooks.com/blogs/nyrblog/2010/oct/04/library-without-walls/>

DPLA 發展概況(1/3)

- In a letter of invitation, I included a one-page memo about the basic idea: **“to make the bulk of world literature available to all citizens free of charge”** by creating **“a grand coalition of foundations and research libraries.”**
- In retrospect, that sounds suspiciously utopian, but everyone at the meeting agreed that the job was worth doing and that we could get it done.

Robert Darnton, *“The National Digital Public Library Is Launched!”*,
The New York Review of Books, *Apr. 25, 2013*.

DPLA 發展概況(2/3)

- October 2010 meeting at the Radcliffe Institute for Advanced Study, which brought together over 40 representatives from foundations, research institutions, cultural organizations, government, and libraries to discuss best approaches to building a national digital library.

- Can we create a National Digital Library?
That is, a comprehensive library of digitized books that will be easily accessible to the general public

Robert Darnton, “A library without walls”, The New York Review of Books, Oct. 4, 2010.

<http://www.nybooks.com/blogs/nyrblog/2010/oct/04/library-without-walls/>

- The DPLA, we resolved, would be “an open, distributed network of comprehensive online resources that would draw on the nation’s living heritage from libraries, universities, archives, and museums in order to educate, inform, and empower everyone in the current and future generations.”


Robert Darnton, “The National Digital Public Library Is Launched!”, The New York Review of Books, Apr. 25, 2013

- The Digital Public Library of America brings together the riches of America's libraries, archives, and museums, and makes them freely available to the world.
- It strives to contain the full breadth of human expression, from the written word, to works of art and culture, to records of America's heritage, to the efforts and data of science.
- The DPLA aims to expand this crucial realm of openly available materials, and make those riches more easily discovered and more widely usable and used, through its three main elements:

1. A *portal* that delivers students, teachers, scholars, and the public to incredible resources, wherever they may be in America
2. A *platform* that enables new and transformative uses of our digitized cultural heritage\
3. An advocate for a strong *public option* in the twenty-first century


<http://dp.la/info/>

- 1.Scope and Content
- 2.Cost
- 3.Legal issues
- 4.Technical architecture
- 5.Governance
- 6.Audience



DIGITAL PUBLIC LIBRARY
OF AMERICA

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[Bookshelf](#)
[Apps](#)



Partners

HathiTrust	1741537	North Carolina Digital Heritage Center	159002	Minnesota Digital Library	38082
Mountain West Digital Library	794983	Biodiversity Heritage Library	120743	University of Virginia Library	30188
Smithsonian Institution	624986	Internet Archive	120545	ARTstor	27917
National Archives and Records Administration	586885	Kentucky Digital Library	99307	University of Illinois at Urbana-Champaign	17546
The Portal to Texas History	325552	Digital Commonwealth	70816	New York Public Library	14335
University of Southern California Libraries	257115	South Carolina Digital Library	54985	Harvard Library	10557
Digital Library of Georgia	166260	David Rumsey	44015		



DPLA 的金援機構

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The Digital Public Library of America is supported by

 **ALFRED P. SLOAN FOUNDATION**

 **ARCADIA**

 **INSTITUTE of Museum and Library SERVICES**

 **Knight Foundation**

 **BILL & MELINDA GATES foundation**

 **NATIONAL ENDOWMENT FOR THE Humanities**

The header features a green background. On the left is a small image of a modern university building. On the right is a logo for 'UNIVERSITY' with a grid of squares, some of which are highlighted in white.

A universal digital library is within reach

- Three promising strategies for removing barriers to a universal digital library:
 - First, it should be considered "fair use" in copyright law for nonprofit libraries to circulate orphan works for their patrons for noncommercial purposes.
 - Second, Congress should pass legislation to limit damages and injunctions for other reuses of orphan works.
 - Third, the Copyright Office should explore a collective licensing program under which all in-copyright but out-of-print works could be made available, as some countries are now trying.



Copyright

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<http://dp.la/info/2013/11/14/dplafest-workshop-summary-the-elephant-in-the-room-copyright-and-new-ways-forward/>

- Authors Guild v. Google
- Authors Guild v. HathiTrust
- Cambridge Univ. Press v. Becker (Ga. State).
- All three cases are currently pending, with opinions expected in the near future. This trio of cases will address the applicability of the doctrine of fair use to library and educational uses of copyrighted works in digital formats for purposes of preservation, indexing, “snippet view”, full-text display for blind and print disabled users, and for classroom use.

Google Wins Dismissal of Suit Over Digital Books Project

By Sophia Pearson & Bob Van Voris - Nov 15, 2013 3:24 AM GMT+0800



1 COMMENT

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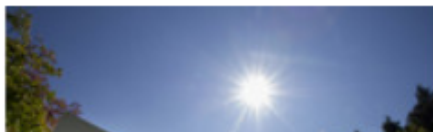


Google Inc.'s (GOOG) project to digitally copy millions of books for online searches doesn't violate copyright law, a federal judge ruled, dismissing an eight-year-old lawsuit against the largest search-engine company.

Google Books provides a public benefit and is a fair use of copyrighted material, Judge Denny Chin in Manhattan ruled today. The project, which has scanned more than 20 million books so far, doesn't harm authors or inventors of original works, Chin said.



Enlarge image



"Google Books provides significant public benefits," Chin wrote. "It advances the progress of the arts and sciences, while maintaining respectful consideration for the rights of



The DPLA Service Hubs



<http://dp.la/info/2013/10/24/new-hubs-announcement-ny-nc-tx/>

- Are state or regional digital libraries that aggregate information about digital objects from libraries, archives, museums, and other cultural heritage institutions within their given state or region.
- Each Service Hub offers its state or regional partners a full menu of standardized digital services, including digitization, metadata, data aggregation and storage services, as well as locally hosted community outreach programs, bringing users in contact with digital content of local relevance.



The DPLA Service Hubs

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<http://dp.la/info/2013/10/24/new-hubs-announcement-ny-nc-tx/>

Dan Cohen, DPLA's executive director said :

- “Service hubs are a critical part of DPLA's networked model, which relies on collaboration across the country,”
- “Adding these terrific partners in three large states means that model will accelerate, bringing ever more of America's collections to the world.
- We are lucky to have
 - Empire State Digital Network,
 - the North Carolina Digital Heritage Center,
 - the Portal to Texas History join us in our mission.”

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DPLADIGITAL PUBLIC LIBRARY OF AMERICA

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View: [Icons]

taiwan

Search

Search Results

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Your search for taiwan returned 1,219 results.

Items per page: 10Sort by: Relevance123...121122

Refine

By Format

text580

image461

moving image10

sound1

IMAGE

Taiwan

United States. Central Intelligence Agency

Relief shown by shading.. Base 801760 (B01335) 1-92.. Available also through the Library of Congress Web site as a raster image.

View Object

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**BERKMAN CENTER FOR INTERNET & SOCIETY**
AT HARVARD UNIVERSITY



Digital Public Library of America and Europeana Announce Collaboration

October 21, 2011

Washington, DC—Two major digital library networks have reached an agreement to collaborate in ways that will make a large part of the world's cultural heritage available to a large part of the world's population. The Digital Public Library of America (DPLA), which will provide access to digital collections from libraries, museums, and archives in the United States, announced today that it will design its technical structure in a way to promote interoperability with that of Europeana, which has developed a similar system to link the major libraries, museums, and archives of Europe.

Robert Darnton, a DPLA Steering Committee member and University Librarian at Harvard, said, "The association between the DPLA and Europeana means that users everywhere will eventually have access to the combined riches of the two systems at a single click. The aggregated databases will include many millions of books, pamphlets, newspapers, manuscripts, images, recordings, videos, and other materials in many formats."

Jill Cousins, Executive Director of Europeana, welcomed the agreement, saying that "Europeana was designed to be open and interoperable, and to be able to collaborate with the DPLA is a validation of that aim. By this combined effort on two continents, Europeana and the DPLA hope to promote the creation of a global network with partners from around the world."

Another outcome of this collaboration will be a virtual exhibition about the migration of Europeans to America. The DPLA and Europeana will demonstrate the potential of their combined collections by digitizing and making freely available material about the journey from the Old World to the New. This pilot project will include text and images about the experiences of the immigrants who shaped American history and life.

檢索DPLA與Europeana的 App

Spain
DIGIBIS

De la digitalización enriquecida a la Web Semántica 3.0. [Ver más](#)
From enriched digitalization to Semantic Web 3.0. [See more](#)

 MARCA ESPAÑA

DPLA/Europeana Query

Search simultaneously in the DPLA and Europeana

TAIWAN

D P L A DIGITAL PUBLIC LIBRARY OF AMERICA

Search results in DPLA

1219 results found

Title: Taiwan
Author: United States. Central Intelligence Agency
Date: 1992
Formats: Maps., Electronic resource, Cartographic material
Link: [Link](#)

 europeana
think culture

Search results in Europeana

2294 results found

Title: huvudring
Format: IMAGE
Link: [Link](#)



Title: strumpor
Format: IMAGE




StackLife shows you a book in the shelf it would be on in a physical library. The darker the blue the more often the book has been accessed. The book's thickness reflects the number of pages. The longer the book, the longer ago it was published.

Culture Collage / Digital Public Library of America





DPLA 相關的討論群

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<https://cyber.law.harvard.edu/lists/lists>

dpla@eon.law.harvard.edu

Digital Public Library of America

dpla-audience@eon.law.harvard.edu

DPLA: Audience & Participation

dpla-content@eon.law.harvard.edu

DPLA: Content & Scope

dpla-dev@eon.law.harvard.edu

DPLA Technical Development

dpla-discussion@eon.law.harvard.edu

Digital Public Library of America

dpla-finance@eon.law.harvard.edu

DPLA: Financial/Business Models

dpla-governance@eon.law.harvard.edu

DPLA: Governance

dpla-legal@eon.law.harvard.edu

DPLA: Legal & Policy

dpla-tech@eon.law.harvard.edu

DPLA: Technical Aspects



DPLA 引述 -- 韓國的 library





National Library of Norway

The main objectives

- One of Europe's most modern and exciting national libraries
- Contribute to the development of a national library policy
- Form the core of the Norwegian digital library
- Offer knowledge and experiences
- Offer technological knowledge and cultural understanding
- Be an adaptable organisation

<http://www.nb.no/English/About-us/Tasks-and-vision>



挪威國家圖書館數位化的發展

- 2005起
- 受矚目之處
 - 所有的資料全面
 - 含版權保護期內的圖書
- 2007-11-23修訂The Norwegian Copyright Act
- 2008-01-01生效
- 使用範圍圖書館四面牆內，不含 Intranet
- ECL
 - Extended Collective Licenses
 - 延伸集體管理授權

The New regulations for The Norwegian Copyright Act



Norway

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The Digital National Library– Strategy Manifesto 2005

- Focus on the needs of the users.
- To provide access to a rich and varied content on all desktops and in every home.
- To enabling the Norwegian library community to provide new and improved services to a variety of stakeholders
- Facilitate learning and research.



Norway

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Access to Digital Content in the National Library.– Dec. 2005

In this document the National Library expressed for the first time its goal of establishing a digitisation programme which would serve as the basis for digitising the Library's entire collection.



Norway

Digitization of the National Library's Collection, Feb. 2006

- In this document the crux of the reasoning shifted from why the collection should be digitized to how the digitization was to be implemented in practice



The Norwegian Copyright Act


- 法定寄存的資料如遺失可以重製
- 允許館內閱讀及列印
- 檔案館、圖書館、博物館可以複製與原資料不同的形式，如紙本複製為數位
- 易受損的資料或無法再取得者可複製為紙本或DVD以便借閱
- 遠端借閱者允諾在借閱端圖書館的終端機機閱讀



The Norwegian Bookshelf Project : Scope of the Contract

- All books published in Norway:
 - 1690-1700
 - 1790-1800
 - 1890-1900
 - **1990-2000**
 - Estimated 50 000 volumes under copyright
- For Norwegians (IP-addresses)
- Full-text searchable
- The right to withdraw work
- Download of PDFs of free works

http://www.utlib.ee/liber2012/presentations/k/Vigdis_Moe_Skarstein_The_Bookshelf.pps



The Norwegian Bookshelf Project:

Costs and compensation

- Annual compensation of NOK 0.56 (€ 0.06) per page made accessible on the internet
- Compensation and digitisation costs are funded by the National Library

http://www.utlib.ee/liber2012/presentations/k/Vigdis_Moe_Skarstein_The_Bookshelf.pps



The Norwegian Bookshelf Project: Extended Collective License

- Kopinor represents all right holders:
 - ✓ Foreign right holders
 - ✓ Orphan works
 - ✓ All media and formats
 - ✓ Potential right holders
- Kopinor distributes the compensation to authors (i.e. through grants)

http://www.utlib.ee/liber2012/presentations/k/Vigdis_Moe_Skarstein_The_Bookshelf.pps



挪威數位圖書館的策略 (1/2)


1. Systematic digitization of the entire National Library of Norway collection
2. On demand digitization of on-demand material
3. Entering into agreements with publishers to ensure that as much content as possible is deposited in digital format
4. Serving as a digital archive and a secure archiving location for digital materials for both the National Library of Norway and other cultural institutions

<http://www.nb.no/English/The-Digital-Library/Digitizing-policy>



挪威數位圖書館的策略 (2/2)

5. Collaborating with strategic economic and professional partners
6. Providing access to as much as possible of the Norwegian cultural heritage
7. Entering into agreements with right owners to give access to materials that are not in the public domain
8. Being visible in search engines and relevant portals
9. Offering a modern digital online library service


Koninklijke Bibliotheek
National library of the Netherlands

☒ KB-catalogue
 ☐ website

Exhibitions & collections

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[Special collections](#)
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[Highlights Exhibition](#)


[NL](#)
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Special collections

This page provides links to the descriptions of individual special collections of the Koninklijke Bibliotheek.


Collections

Medieval manuscripts (until c.1550)



The KB has a collection of c.1100 medieval manuscripts, many of which are illuminated. There is an extensive collection of Middle Dutch manuscripts. [Read more](#)

Modern manuscripts (from c.1550)



The modern manuscripts collection contains thousands of letters, alba amicorum, literary travel accounts and other ego documents. [Read more](#)

Early printed books (until 1801)



The KB possesses some 160,000 early printed books, ranging from incunabula to occasional verse and from songbooks to pamphlets. [Read more](#)

Modern printed works (from 1801)



The modern printed works collection comprises a.o. books printed in small runs, illegal editions from World War II and the Koopman collection. [Read more](#)

Bookbindings and paper history


The KB has an extensive collection of handbound books as well as one of the largest paper historical collections in the world. [Read more](#)

Personal collections


The personal collections comprise (family) archives, literary estates, correspondence and other collections. [Read more](#)

Collections by theme


The KB has various collections about sports, leisure, philosophy, religion etc. [Read more](#)



UNICUM -- 荷蘭圖書館與博物館的合作

UNICUM | universitaire collecties en universiteitsmusea

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SAE | STICHTING ACADEMISCH ERFGOED

From March 2010 to February 2012 the UNICUM development project, commissioned by the [SAE](#), is carried out by the classic five Dutch universities. UNICUM has received a national government grant in order to create a digital entry to the Dutch university collections. In this portal, still to be built, both archives and collections of museums and libraries will be presented. In this way images, metadata of the collections and metadata of items can be found in one site. The project is important because it crosses the traditional sector boundaries of museums, libraries and archives, it creates awareness of the opportunities this cross-sectoral approach offers and it retains the context of – and the relation between objects within the entire picture of collections.

As such UNICUM is a project that focuses on applying joint metadata according to international standards. It is also a technical project in which descriptions of a great variety of collections and items are connected to images

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2013-12-12

50

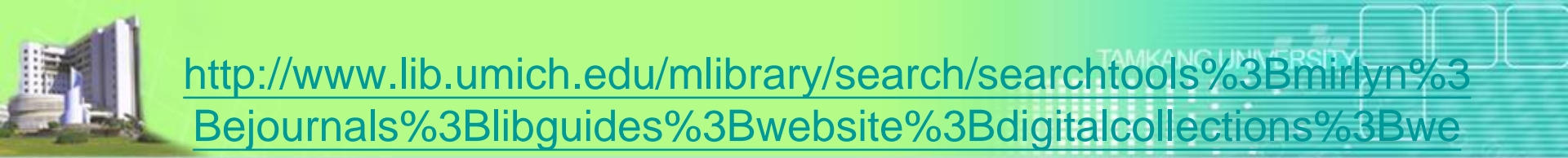


丹麥的 DEFF

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- DEFF (Denmark's Electronic Research Library)
- a collaboration between
 - The Danish Ministry of Culture
 - The Danish Ministry of Science
 - Innovation and Higher Education
 - The Danish Ministry of Children and Education



http://www.lib.umich.edu/mlibrary/search/searchtools%3Bmirlyn%3Bjournals%3Bbibguides%3Bwebsite%3Bdigitalcollections%3Bwebsite_users%3Bdeepblue/cloud%20computing

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- Recommended Resources by Subject -

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[Using the Library](#)

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Search results for **cloud computing**.

Databases

No results found.

Research Guides

No results found.

Research Help

Ask

a Librarian

Contact us for in-depth research information on **cloud computing**.

Catalog (Mirlyn)

Cloud computing principles and paradigms

By: Buyya, Rajkumar, 1970-

Published: 2011

Format: Book, Available online

Cloud computing principles and

Library Webpages

Bertram, Reiman-Sendi and Varnum

Publish Chapter in Guide to ...

Library Information Technology, Hatcher ...

Albert Bertram, Karen Reiman-Sendi, and Ken Varnum authored a chapter for the just-published American Library Assoc...

Staying Current Podcast Series - Social



David Carter

Engineering Librarian & Video Game Archivist

superman@umich.edu

734 615 7158

Subject expert for



首頁

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ENGLISH

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核心計畫

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- ▶ 數位技術研發與整合計畫
- ▶ 數位核心平台計畫
- ▶ 數位典藏與學習之學術與社會應用推廣計畫
- ▶ 數位典藏與學習之產業發展與推動計畫
- ▶ 數位教育與網路學習計畫
- ▶ 語文數位教學計畫
- ▶ 數位典藏與學習之海外推展暨國際合作計畫

焦點活動

網站公告

「數位典藏與數位學習國家型科技計畫」已於2012年年底執行完畢，自102/01/01起，本網站內容將不再更新訊息。
前往體驗計畫成果<http://digitalarchive.tw>

TELDAP紀錄片《雲端上的寶藏》



計畫內搜尋

搜尋計畫內網站資源

Google™ 自訂搜尋

搜尋



計畫成果



透過「珍藏特展」、「目錄導覽」與「技術體驗」，結合聯合目錄以及成果網站資源資料庫，立即探索豐沛的數位內容與新新的網路技

- 圖書館的定義
 - 有館無藏、無館無藏
- 數位圖書館現行的功能
- 各類型圖書館的分界
- 合作、開放的必要性
- 前端使用者簡單 VS 複雜
- 拼音為國際中文資源主要的呈現方式

拼音為國際中文資源主要呈現方式

Partner ▲	TEXT
HathiTrust 29	Taiwan zhan ji, [2 juan]
Biodiversity Heritage Library 1	Hong, Qisheng, 1867-1929
	Caption title.
	View Object 
By Date ▲	
From	
Month ▼ Day ▼ Year	TEXT
To	880-02 Taiwan quan zhi /
Month ▼ Day ▼ Year	880-01 Suzumura, Yuzuru
Update	In Chinese.
	View Object 
By language ▲	TEXT

1. A wide variety of books and other items, including the literacy-building kind.
2. Accessibility, mixed with realism
3. A democratic organizational model.

David H. Rothman, “It's Time for a National Digital-Library System”, The Chronicle of Higher Education, Feb. 24, 2011.

<http://chronicle.com/article/Its-Time-for-a-National/126489/>

4. Interactivity and long-term trustworthiness.
5. Cost-justification
6. Other business principles
7. Flexibility, especially for the future

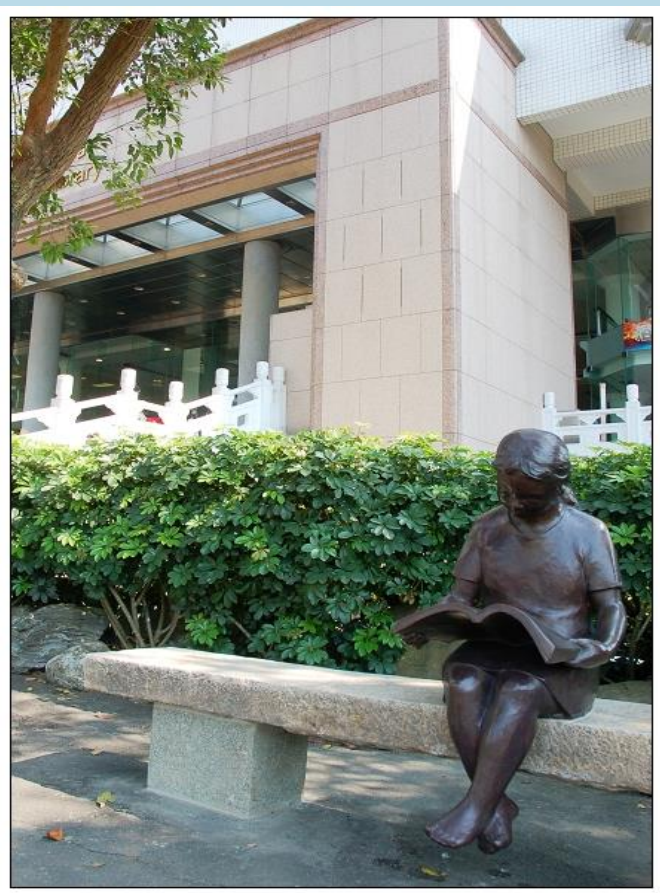


結語

TAMKANG UNIVERSITY



- 使用者的需求
- 智產權是關鍵
- 資源與人才的匯流
- 不斷成長才是圖書館生命的泉源
- 閃亮我國數位化成果



謝謝聆聽
敬請指教！