



TECHNOLOGICAL TOOLS

**Current
technologies
impact on functions
and
activities of the
library**

Hamilton Library - University of Hawaii at Manoa



Library Server Room



Moore's Law & the future

Sun Microsystems cofounder and former Cisco Vice President Andy Bechtolsheim predicted that performance of networking chips — which determine how quickly you can surf the Internet - will improve 1,000 times in the next 20 years.

Moore's Law, the prediction in 1965 by Intel's Gordon Moore that the number of transistors on a chip will double every two years, is still holding up.

-<http://venturebeat.com/2012/10/11/bechtolsheims-10-predictions-about-networking-and-moores-law/>

The future is already here — it's just not very evenly distributed.

-William Gibson [[Gibson, William, 1948-](#)]

Libraries benefit and are challenged by the former
while often experiencing the latter

Moore's law = cheap storage, increased processing power, fast broadband

Open source / Open access

New automation products

- information discovery and delivery systems

- library services platforms

- integration of ebooks & mobile devices

Software As A Service (SaaS) / Cloud computing

Mass digitization / Digital libraries

Web archiving

User generated content / Crowd sourcing

Digital humanities / eScience

- very large objects (video, data sets) / big data

- data mining and reuse

Content/Data curation / management

- academic criteria to evaluate / tenure

- roles for library - guides

- preservation

- verification/authenticity: Trusted Repositories

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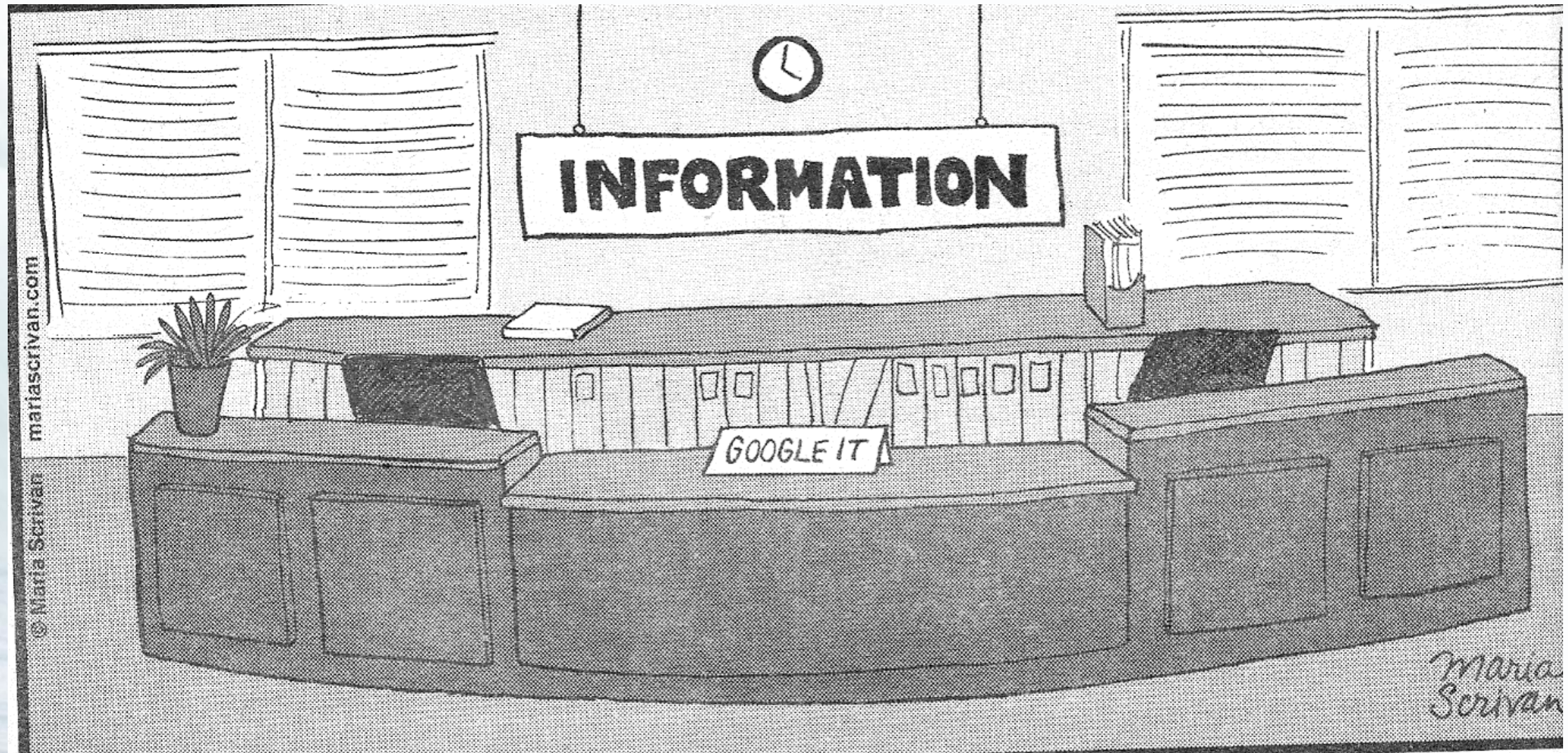
academic criteria to evaluate / tenure

roles for library - guides

preservation

verification/authenticity: Trusted Repositories

Just Google it?



Interesting Times for Library Technology

Marshall Breeding notes* that this is an incredibly interesting period for library technologies.

He says “Rather than just refining and rebuilding products on models of functionality ... in place since the early decades of library automation ... efforts are under way to break free from ... historical approaches and create new products ... that embrace current technology architectures.”

He believes that the new approaches and products are designed to better align with the “multifaceted realities” of library collections and services.

Discovery & Delivery Systems

Breeding says* that in the past few years **Discovery Services** have brought in a large proportion of library automation as sales of traditional Library Management Systems have been in decline. He declares four major **web-scale discovery products**, WorldCat Local, EBSCO Discovery Service, Serials Solutions Summon, and Primo Central from Ex Libris to have achieved “high levels of maturity”.

In early 2004 the UHM Library implemented use of an Open URL link resolver system from Serials Solutions. In early presentations to staff when the OpenURL Task Force was evaluating systems and vendors - 2 important selling points were emphasized:

- **OpenURL Increases the Use of Expensive eJournals**
- **OpenURL Provides a Major Increase in Digital Access for Faculty, Staff and Students**

This was our first step into linking bibliographic and index searches to full text retrieval. Over the years it became an important part of basic service our patrons expected. And it did indeed increase access to and usage of eJournals.

Discovery & Delivery at UHM Library

In his 2013 Tech Review, Breeding noted “Especially among academic libraries, the need for discovery tools broader than an ILS’s online catalog is well accepted”.

At UHM Library an “Action Team” was formed in 2008 with the mission to “*Review, recommend, and outline an implementation plan for one or more software/electronic products or services which enhance seamless discovery, access, and/or delivery of library resources and services.*” The team recommended acquiring and implementing the open-source federated search system “LibraryFind” (<http://libraryfind.org/>). However there was no further action on the recommendation. In retrospect this may have been a good thing, since it doesn’t look like any LibraryFind code updates have taken place since 2010.

In late 2011 a contract between the University of Hawaii at Manoa Library and Ex Libris was signed:

- To continue with the Ex Libris Voyager library management system
- To replace the Voyager server hardware and not migrate to "cloud" services
- To sign a 3-year contract for the Primo discovery and delivery tool

A phased installation of SFX (replacing Serials Solution) and Primo took place June through December 2012; Primo “One Search” went live at the start of 2013.

Significance of digital libraries

The construction of digital libraries have certainly framed technological challenges, particularly with regard to various aspects of scale, [...] and indeed have given rise to substantial progress in these and other technical fields. But I believe that the **greatest significance of digital libraries has been at a more profound intellectual level, inviting us to envision new kinds of environments for knowledge discovery, formulation, and dissemination**; approaches to defining, managing and interacting with the cultural and intellectual record of our societies.

- Clifford Lynch

The Futures of Digital Libraries: The Evolution of an Idea

Research and Advanced Technology for Digital Libraries

Lecture Notes in Computer Science Volume 6966, 2011, p 2

UHM Libraries Digital Repository Proposal

A Draft Plan for moving the
Library into the Digital Arena.

Bob Schwarzwald
August 9, 2004

Background

- **Creating a networkable information repository is a key element of the NSF Cyberinfrastructure**
http://www.communitytechnology.org/nsf_ci_report/
- **D-Space Initiatives have been started at a number of large US universities to create academic information repositories**
- **Digital Repositories support UHM initiatives on Distance Learning, Student Life, and making UHM an Hawaiian Place of Learning**

Direction

- Library's role has shifted to providing digital information services
- Scholarly Communication crisis has highlighted the need for local archive of intellectual capital
- Call for UHM to provide digital access to Hawaiian historical and cultural materials
- Need to support grant activities, university archives, and departmental information initiatives
- Creation of intellectual platform for training students to research; support of Hawaiian Place of Learning

We stand at a crossroads for the Library. We have within our reach, the ability to make the Library a steward of university information, a virtual classroom for students, a guardian of Hawaiian historical and cultural materials, and a vital part of the future for the university and the state. Beyond the financial cost of making this transition, there is the need to see our mission and our jobs in a new light. However, if successful, we can make the Library an even more vital part of the University community.

Two months later – flood destroyed the library IT infrastructure completely



First (original) library web & digital collection server



Everything from the central computer room looked like this or worse

Open Source

Based on a philosophy of non-proprietary community-supported development

When rebuilding our web server – we switched from proprietary Sun Solaris OS and Apache to Linux/Apache

- Dspace was identified as our choice for Institutional Repository software
- Linux / Apache / MySQL /PHP was our choice for delivering digital image content
- Plone CMS on top of Zope application server was selected for the library intranet



Dspace Institutional Repositories

University of Hawaii at Manoa Library

Specific goals included

- Long-term storage of digital materials
- Persistent network identifiers for stable access
- Consistency checks to maintain integrity of the digital files

We wanted to

- recapture our institution's intellectual content from commercial publishers
provide local control of content and open access
- give our users faster and more up-to-date online access and showcase
library unique collections
- demonstrate the importance of the Library for wide-spread dissemination of
University research

[Home](#)

Browse

- [Communities & Collections](#)
- [Titles](#)
- [Names](#)
- [Subjects](#)
- [By Date](#)
- [Usage Statistics](#)

Sign on to:

- [New Users](#)
- [Receive email updates](#)
- [My ScholarSpace authorized users](#)
- [Edit Profile](#)
- [Help](#)

Welcome

to the digital repository of University of Hawaii at Manoa!

Search

Enter some text in the box below to search ScholarSpace.

Communities in ScholarSpace

Choose a community to browse its collections.

- [Center for Japanese Studies](#) [2]
- [Dept. of Information & Computer Sciences and the Library and Information Science Program](#) [0]
- [Dissertations & Theses](#) [42]
- [Ethnobotany](#) [104]
- [Faculty and Researcher Works](#) [2]
- [Hawaiian Entomological Society](#) [70]
- [Herbarium](#) [71]
- [Language Documentation](#) [32]
- [Music Department](#) [27]
- [Pacific Cooperative Studies Unit](#) [32]
- [Pacific Science](#) [611]
- [UH Manoa Library](#) [8]


Manoa's Digital Repository

Our mission is to store the intellectual works and unique collections of this academic community and to provide a permanent web location for those accessing those accessing

Over 600% growth rate in 5 years

488 communities and 32,247 files

My ScholarSpace RSS



ScholarSpace



HIGP Hawai'i Institute of Geophysics & Planetology

School of Ocean and Earth Science and Technology University of Hawai'i at Mānoa

Hawaii Institute of Geophysics & Planetology

[HOME](#) [SEARCH](#) [BROWSE](#) [COMMUNITIES & COLLECTIONS](#) [CONTACT](#) [EVOLS](#) [UH SYSTEM](#) [UHM LIBRARY](#)

ScholarSpace Home

SEARCH

[Advanced Search](#)

BROWSE

All of ScholarSpace

- [Communities & Collections](#)
- [By Issue Date](#)
- [Authors](#)
- [Titles](#)
- [Subjects](#)

MY ACCOUNT

ABOUT SCHOLARSPACE

ScholarSpace is an open-access, digital institutional repository for the University of Hawaii at Manoa community. ScholarSpace stores the intellectual works and unique collections of the UH at Manoa academic community and also provides a permanent web location for those accessing these resources. [Click here for more information.](#)

SCHOLARSPACE SPOTLIGHT

Robert V. Cooney's area of interest is on the role of diet and lipid-soluble antioxidants in the prevention of chronic diseases of aging and survival. His current research is focused on the epidemiology and molecular mechanisms of action for lipid micronutrients such as Vitamin D, tocopherols, coenzyme Q10, and carotenoids. His past research has been instrumental in identifying the molecular mechanism of

12 communities and 940 files

Asia & Pacific

[Center for Chinese Studies \[94\]](#)

[Center for Japanese Studies \[43\]](#)

[Center For Korean Studies \[7\]](#)

[Center for Okinawan Studies \[17\]](#)

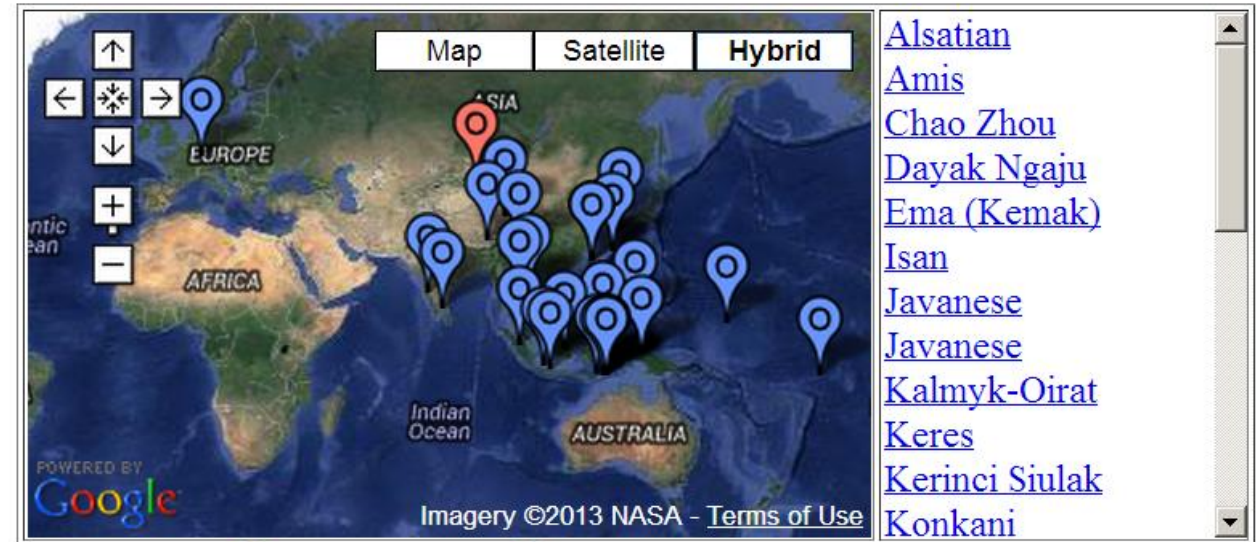
[Center for Pacific Islands Studies \[2160\]](#)

[Center for Philippine Studies \[61\]](#)

[Center for South Asian Studies \[24\]](#)

[Center for Southeast Asian Studies \[1116\]](#)

Language Documentation



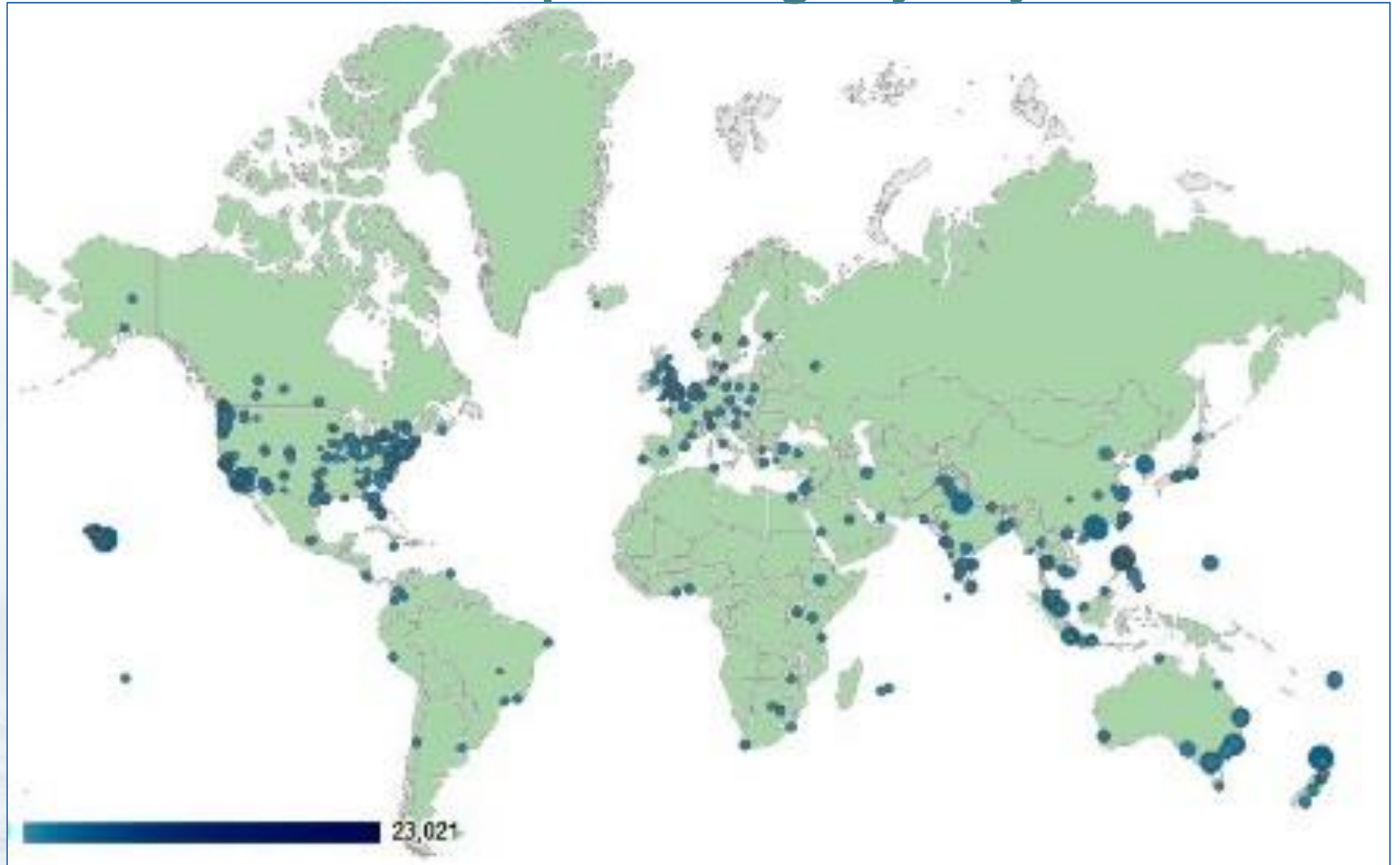
 [LDTC project](#)  LDTC project/PhD dissertation.

[International Conference on Language Documentation and Conservation \(ICLDC\) \[367\]](#)

[Language Documentation & Conservation \[234\]](#)

[Language Documentation Training Center \[34\]](#)

Scholarspace Usage by City





Open Access at UH

The Library hosted the first **Open Access Week** events in October 2009 including sponsoring campus-wide student activities, a panel presentation on scholarly communication issues and a presentation on copyright

In 2010 the Library organized a second Open Access Week campus-wide celebration; coordinated the successful passing of an “**Open Access Resolution**” by the Manoa Faculty Senate and helped to organize a “Scholarly Communication 101” Workshop sponsored by the Scholarly Publishing and Academic Resources Coalition (SPARC)

In 2011 the library made numerous presentations and organized a third Open Access Week campus-wide celebration; coordinated the approval process for the **UHM Open Access Policy** approved by the UH Chancellor in March 2012; participated in the Coalition of Open Access Policy Institutions (COAPI)

Value of digital collections

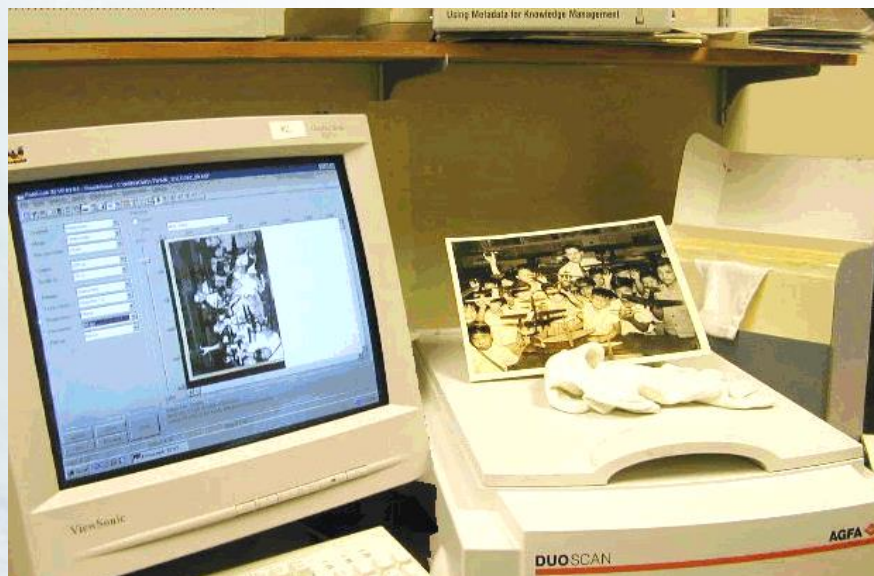
“digital collections represent significant potential economic and social value, provided they are made easily accessible”

The Dutch Foundation for Economic Research carried out an analysis of the economic and social costs and benefits of making cultural heritage available digitally for a number of mass digitization projects. [...] These analyses show that, on balance, ***the total benefits of digitization and accessibility outweigh the costs***. The heritage sector, creative industries, the education sector and consumers will all experience ***immediate benefits from the widespread availability of cultural heritage objects***. Indirect social benefits include an increase in digital literacy and a strengthening of the knowledge-based economy.

-Business Model INNOVATION CULTURAL HERITAGE
Amsterdam & The Hague, The DEN Foundation
KNOWLEDGELAND, Ministry of Education, Culture and Science
2010

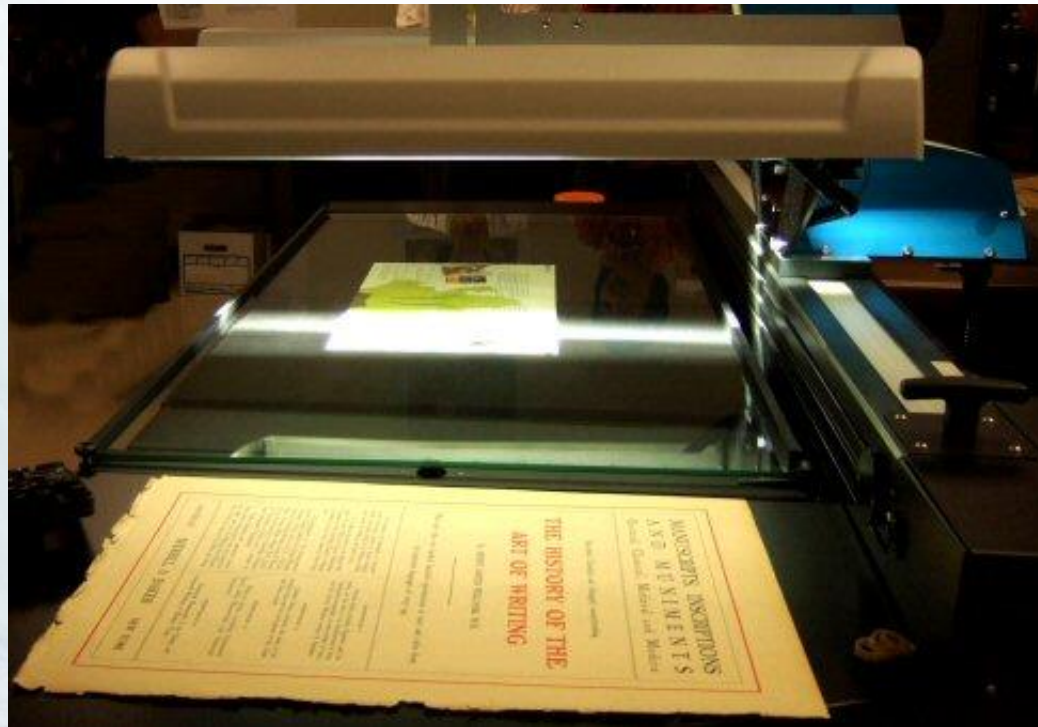
Computer & scanning equipment used for the library's first digitization project

early 1990's: Windows 3.1 PC and Agfa Duoscan flatbed scanner



Most recently acquired scanner

Quartz Digibook with A1 size capacity



Ryukyu-Okinawa digital archive

琉球・沖縄関係
貴重資料
デジタルアーカイブ

貴重書
文庫一覧
宮良殿内文庫資料集
仲原善忠文庫
伊波普猷文庫
島根源七文庫
崎原寛文庫

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貴重資料「デジタルアーカイブ」のご紹介

琉球・沖縄関係貴重資料デジタルアーカイブは、琉球・沖縄に関する古文書資料の教育研究資源を、社会的資源として、市民がこれら資料に気軽に親しみ、学習できる環境の整備と資料のデジタル化等を充実させることにより教育・研究の進展と文化資源のグローバルな利用を図ることを目的として、構築されました。従来のデジタルアーカイブの機能に加え、古文書を翻刻し、現代語や解題(解説)を利用できる等、古文書の知識がないと利用しにくかった資料に気軽に親しめる機能が追加されています。この他、資料の英訳を随時追加しており、国内だけでなく、海外からの利用にも広く対応していく予定です。今後、琉球大学では、本事業を更に推進し、琉球・沖縄に関する貴重な資料を恒久的に保存し、広く世界へ公開することにより、社会貢献のみならず学術研究・教育に資するとともに、世界の琉球・沖縄研究拠点としての基盤整備を進めてゆきます。

ご利用ガイドはこちら

- 掲載資料及びデータの順次追加について
- 掲載資料の活用と原本利用について
- 内容に関する問い合わせ

■ 各資料について



宮良殿内文庫

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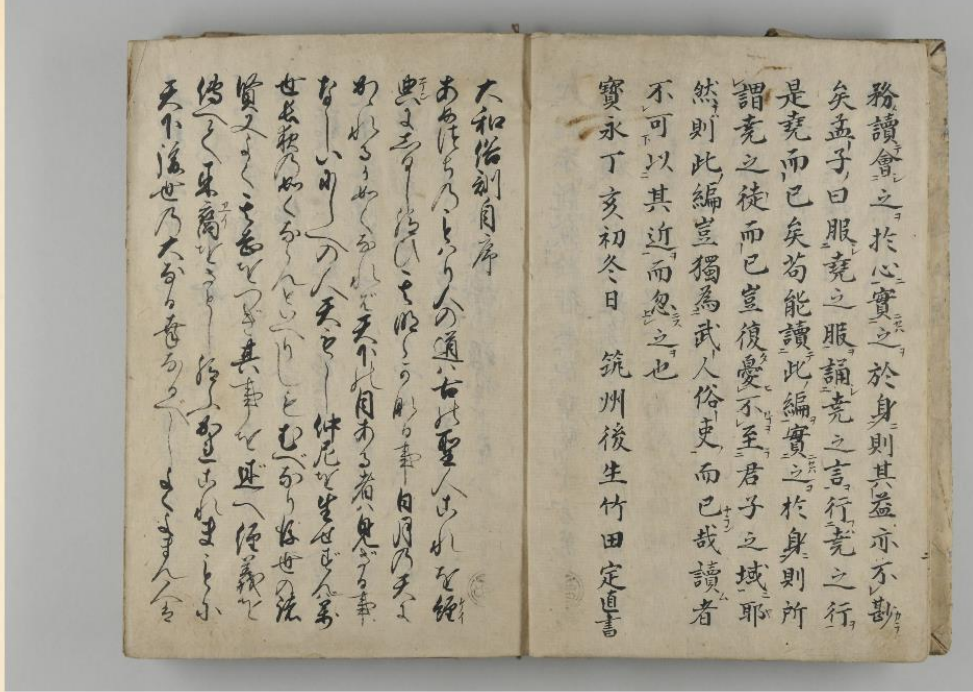
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大和俗訓

サムネイル非表示

ガラスウィンドウ 翻刻 現代訳/English 英文 解説

5ページ 標準 拡大



大和俗訓自序
あはれなるよりいふ道古来聖人よれを
興えし言ひ傳ひしを明らけり。昔月日天よ
わたりてゆくれば天小此月ある者見たり。幸
なしいし。人の天を伴ひて生るるを
女長親の如くかへりしむむ。有り世の法
賢人よ。之をいふ其毒を吐く。俗義を
傳へし。果高き。行ふ。わたり。まじ。と。小
天小。道。世。乃。大。乃。者。あり。と。も。ま。い。ん。を。

務讀會之於心實之於身則其益亦不
矣孟子曰服堯之服誦堯之言行堯之
是堯而已矣苟能讀此編實之於身則
謂堯之徒而已豈復憂不至君子之域
然則此編豈獨為武人俗吏而已哉讀者
不可以其近而忽之也
寶永丁亥初冬日 筑州後生竹田定直書

Material from UHM Library
Asia Collection will be added
to this digital archive

Digital & Digitized Collections



Asia

- Asia At Work - Images from Books
- Gandhi Photos, Press Info. Bureau, Gov't of India
- Great Kanto Earthquake, Japan, September 1923
- Images of Okinawa after World War II
- India Post-Independence Photographs
- Japanese Commercial Graphic Design
- Lantern Slides of the Nippon Rikkokai
- Lian Huan Hua Chinese Picture Story Books
- Magic Lantern Slides
- Oliver Statler Collection
- Opium in Asia - Images from Books
- Shackford Collection of photographs of China
- South Asia: 19th Century and Earlier Imprints
- South East Asia Posters
- Treasures of Okinawa: Frank Hawley Collection
- XXth Century, Shanghai, 1941-1945

Multi-Subject

- eVols - Digitized Rare & Research Material
- Hawaiian & Pacific Photographic Negatives
- Maps recovered flood-damaged items

Hawaii

- Aloha Hawaii Scrapbook
- Annexation Of Hawai'i Documents
- Chaplain Hiro Higuchi Correspondence
- Dakin Fire Insurance Maps: Honolulu (1891, 1899, 1906)
- Filipino Workers in Hawaii, 1926
- Georeferenced Hawaii Historical Maps 1885-1904
- Hawaii Topographic Quadrangles
- Hawaii Karate Museum Collection
- Hawai'i War Records (HWRD) - Honolulu Newspaper & U.S. Army Signal Corps Photographs
- Hawaiian Language Newspapers
- Hawaiian Music Collection
- Hawaiian Photo Albums
- Japanese American Veterans: 442nd RCT National Archives Documents
- Japanese Language School in Hawaii Textbook Collection
- Local Sightings/Citings
- Russian Collection - Passport Application Album

Pacific

- Creating Siapo: American Samoa 1967
- Douglas Oliver Bougainville Research Collection
- George Grace Linguistic Research and Slides of Melanesia
- Jack Tobin Marshall Islands Anthropology Collection
- Margo Duggan Collection: Slides of Micronesia and Hawai'i, 1949-1954
- Nuclear Diaspora: Bikini and Enewetak
- Rapanui: the Edmunds/Bryan Photographs, 1904-1929
- Steve Thomas Traditional Micronesian Navigation Collection
- Trust Territory Photo Archives
- Trust Territory Survey Maps
- War in the Pacific

Rare

- Donald Angus Botanical Prints
- Jean Charlot Murals and Sculpture
- José Guadalupe Posada
- Treasures from the Library

Online Exhibits

Digital Image Collections at the University of Hawaii Library

<http://library.manoa.hawaii.edu/research/digicoll.html>

Almost 40 Streetprint digital image collections; 18 web/HTML-based collections

Streetprint

- Created in 2003
- Grew out of Canada Research Chair Humanities Computing Studio project to create a “computerized and integrated multi-media humanities research centre to unite humanities research and digital technology” in 2001
- Licensed under the Gnu Public License (GPL)
- First collection was digitized British street literature *Streetprint: Revolution and Romanticism*

Good points:

- CSS & templates provided
- PHP (easy to change functionality)
- Comment feature
- Easy to use

Drawbacks:

- Code not bug free or finished
- Only Dublin Core metadata
- No cross-collection search
- Small user base, inactive lists
- Did not know how scalable?
- No batch load

Save Our Surf

[home](#) [browse](#) [search](#) [news](#) [about](#)

WELCOME TO SAVE OUR SURF

The Save Our Surf (SOS) digital collection consists of unpublished material from the SOS organization - an environmental, social, political, and cultural movement that contributed to the contemporary Hawaiian Sovereignty movement

LATEST NEWS

PROPOSAL FUNDED -- 2005-11-18



"Save Our Surf, a Grassroots Organization" received \$3,075.00 from the UH Manoa Diversity and Equity Initiative to fund scanning of a unique collection of primary resource materials produced by the Save Our Surf group. [More](#)

FEATURED TEXT:

... [A Brief on John Kelly and Save Our Surf](#)



Scanned,
OCR'd &
completed over
two semesters
by one student
assistant

Traditional Micronesian Navigation Collection



[home](#)

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[search](#)

[about](#)

Welcome to the Steve Thomas TRADITIONAL MICRONESIAN NAVIGATION COLLECTION.

The Steve Thomas Traditional Micronesian Navigation Collection is comprised of unpublished papers, audiovisual and photographic materials (including oral history transcripts and 35mm slides), publications and miscellaneous items related primarily to traditional navigation on the Western Carolinian island of Satawal, which is located within Yap State, Federated States of Micronesia.

July 13, 2010: Master Navigator Mau Piailug Dies.

Several news outlet are reporting today that Mau Piailug passed away over the weekend on his home island of Satawal: [Honolulu Star-Advertiser](#); [KITV Honolulu web story](#)

July 20, 2010: News outlets worldwide continue to publish memorials to Mau Piailug:

[Wall Street Journal](#); [The Economist](#); [Washington Post](#); [Saipan Tribune](#); [East West Center News](#); [Chuuk Reform Movement](#).

FEATURED SLIDE:

Steve Thomas, [Mau Piailug on Beach - 2](#)



Online comments

The screenshot shows a web browser window with a blue-themed interface. The main content area features a large photograph of an elderly, shirtless man sitting cross-legged. Above the photo is a smaller image with the text "Traditional Micro". Below the photo is a comment section with two entries:

True! He was my adopted father. He is originally from the island of Puluwat in the State of Chuuk, FSM.
Comment by [Sebastian Marepuy](#) at 17:12:19 on 4 December 2007

My Uncle Pwitag who became father figure to Mau Pialug, Tobias Urupoa, and my sister Temearaug.
Comment by [Tom Rafferty](#) at 06:05:13 on 9 May 2007

At the bottom of the comment section is a form with the following fields:

- Name:
- E-mail (optional):
- Comments:
- Add Comment:

The browser's address bar shows the URL: <http://idgcoll.norco.hawaii.edu/satava/Pages/comments.php?id=1908>. The browser's status bar at the bottom indicates "Internet" and "100%".


Comments add ethnographic information

The screenshot displays a web browser window with a URL starting with 'http://dgccl.mesa.hawaii.edu/xatowa/Pages/commen...'. The page features a header image with the text 'Traditional Microne...'. Below the header, there is a breadcrumb trail: 'Home > Home > Research & Collections > Igeositing of Nesaeitruw Village, Satawal. (Identification by Jerry Seneralpiy Joseph. See also comments field.)'. A blue box contains the text: 'IGEOSTING OF NESAEITRUW VILLAGE, SATAWAL. (IDENTIFICATION BY JERRY SENERALPIY JOSEPH. SEE ALSO COMMENTS FIELD.)'. A large photograph shows a man sitting on the ground, surrounded by palm fronds. To the right, a comment box contains the text: 'the igeositing of nesaeitruw village an octobus man he can call for the octobus to come when the shifs asked for...'. Below this, it says 'Comment by [jerry seneralpiy joseph](#) at 14:00:41 on 6 February 2008'. A form for adding a comment includes fields for 'Name', 'E-mail (optional)', and 'Comments'. At the bottom of the form is a CAPTCHA with the text 'jzalee Labiba' and a 'Type the two words' prompt. An 'Add Comment' button is located below the form.

Commenting makes a static collection more dynamic

Adult with Group of Children - Windows Internet Explorer

http://digicoll.manoa.hawaii.edu/satawal/Pages/comments.php?tid=2421



Comments for

Adult with Group of Children


[\[add new comment\]](#)

isegiuner aetekan nge aekaen erhai rhak mine egin pwae meneirr..inimaer
wei inasia.

Comment by **williana narheo** at 16:06:04 on 26 June 2008

Jerry Seweralpiy Joseph, a grandson of Mau Piailug. (Identificati...

http://digicoll.manoa.hawaii.edu/satawal/Pages/comments.php?tid=923



Comments for


Jerry Seweralpiy Joseph, a grandson of Mau Piailug. (Identification provided by Jerry Seweralpiy Joseph.)

[\[add new comment\]](#)

holy father of earth, were did you get this pix, this is me when im
about 4-5 years old. thank you for this i really like this pix.

Comment by **jerry seweralpiy joseph** at 19:12:39 on 12
December 2007

Rapanui collection




RAPANUI

THE EDMUNDS/BRYAN PHOTOGRAPH COLLECTION: 1904-1929

[home](#) [browse](#) [search](#) [glossary](#) [about](#)

[Home](#) > [Search](#) > [Search Results](#) > Last of a race who knew of their ancient culture and practices by P. Edmunds.

LAST OF A RACE WHO KNEW OF THEIR ANCIENT CULTURE AND PRACTICES BY P. EDMUNDS.



DETAILS

Author: Edmunds, Henry P.

Document Type: [Photograph](#)

Category: [People - Individuals](#)

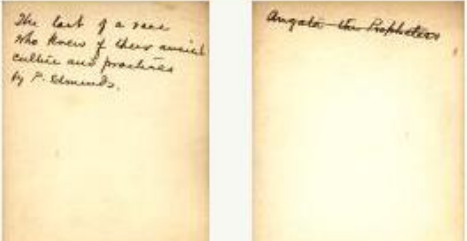
Date: Circa 1900

Notes:
Notes written on the back of two duplicate photographs. Alternate verso reads, "Angata the Prophetess".

Comments: 2 comments [\[view/add\]](#)
Last comment by **Cristián Moreno Pakarati** at 11:10:50 on 17 October 2010

Photo record edited by Stu Dawrs at 2009-11-29 12:41:56

MORE IMAGES



The last of a race
The know of their ancient
culture and practices
by P. Edmunds.

Angata - the Prophetess



Comments for
Last of a race who knew of their ancient culture and practices by P. Edmunds.

[\[add new comment\]](#)

**Comments
add
genealogy
information**

She is Te 'Oho a Neru, born circa 1830 and died in 1915. A rapanui woman of the Marama tribe who lived between Hanga Piko and Mataveri. Mother of Nicolás Pakarati Ure Po Tahī, Arone Rapu Neru and Salome Te Rahi Rapu.

Comment by **Cristián Moreno Pakarati** at 11:10:50 on 17 October 2010

She is Te 'Oho a Neru, born circa 1830, died in 1915 leaving 2 adult sons and 1 daughter: "Nicolás Pakarati" Ure Po Tahī (1851-1927), "Arone" Rapu Neru and "Salome" Te Rahi Rapu.

Comment by **Cristián Moreno Pakarati** at 11:10:14 on 17 October 2010

Library Services Platform

In his 2012 article on the automation marketplace*, Marshall Breeding noted “the emergence of a new genre of automation”. He called the new products “*library services platforms*” and described their characteristics as including

- integrated management of print and electronic library materials
- reliance on global knowledgebases instead of localized databases
- offering deployment through multi-tenant (serving multiple client-organizations) SaaS (Software as a Service) architecture
- provision of application programming interfaces (APIs) to enable interoperability and extensibility

Library as a platform

When you think of a platform for user-generated content, you may not think of that platform as having power. [...] YouTube, Flickr, and other major Web 2.0 sites have lots of power. There are four main powers that platforms have:

- the power to set the rules of behavior
- the power to preserve and exploit user-generated content
- the power to promote and feature preferred content
- the power to define the types of interaction available to users

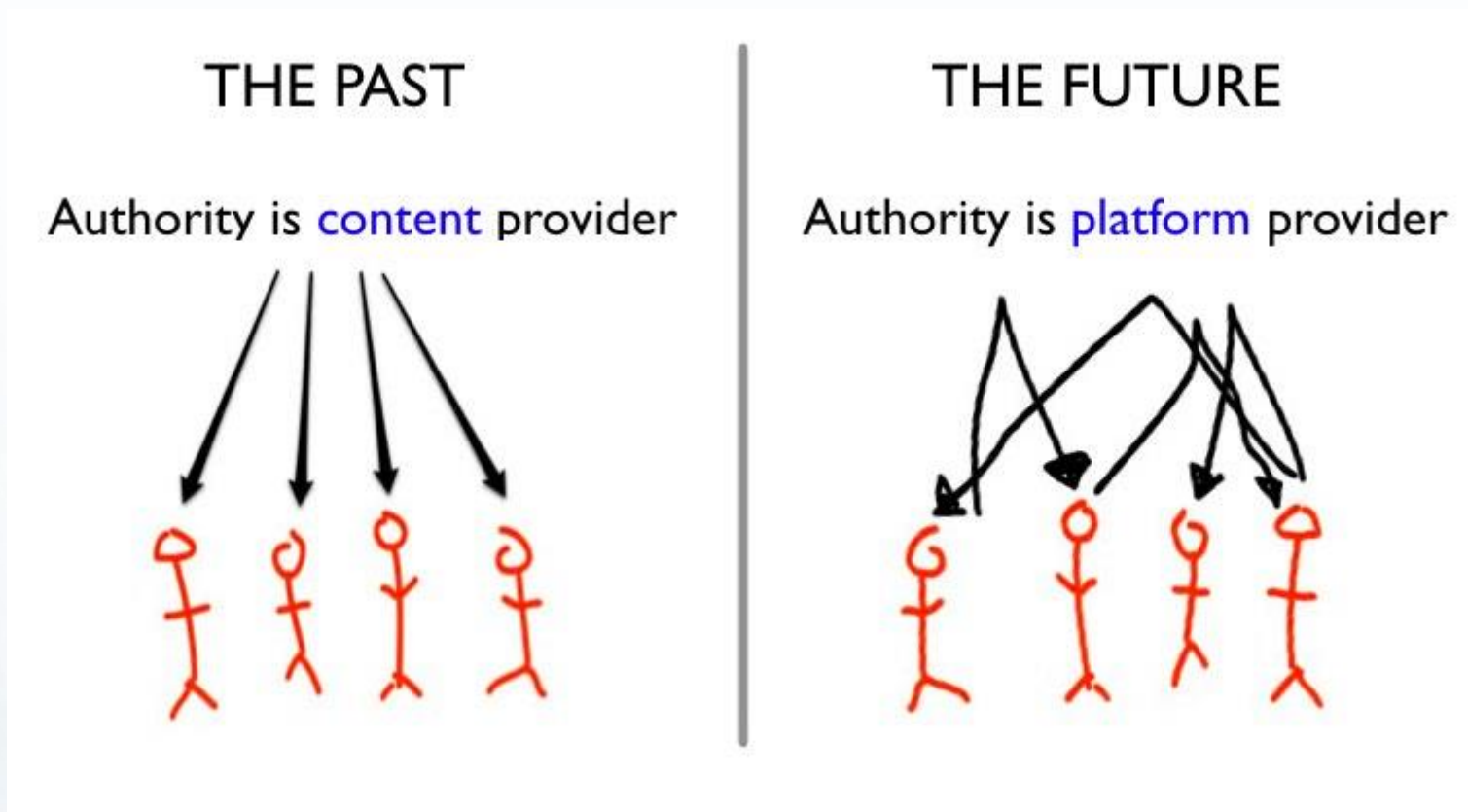
[...]

Museums [...] just have to pick the few interactions that most support the kind of behavior and content creation that we value. [...] As long as you create a platform that is consistent in its values and the interactions provided, you will be able to control the experience as you open up content authority.

There are real opportunities here for museums to retain authority related to values, experiences, and community behavior. The power of the platform may not let you dictate every message that floats through your doors. But with good, thoughtful design, it can ensure that those messages enhance the overall museum experience.

- **Nina Simon, Executive Director of the Santa Cruz Museum of Art & History**

New relationships with users



The Future of Authority: Platform Power posted October 08, 2008

<http://museumtwo.blogspot.com/2008/10/future-of-authority-platform-power.html>

Mobile devices and Social Networking

The ever-increasing use of smartphones, tablets, and other mobile devices are making it necessary for libraries to expand [modes of] access to their collections and services*.

The pervasive influence of social networking sets expectations for all patron-facing products and presents opportunities for products that directly engage these media, such as SirsiDynix's Social Library*.

SirsiDynix describes Social Library as a "fully native Facebook application that lets your library users search, place holds, view, rate, discuss and share library materials all within Facebook".






- <http://www.sirsidynix.com/sociallibrary>

Tagging at UHM Library

Voyager

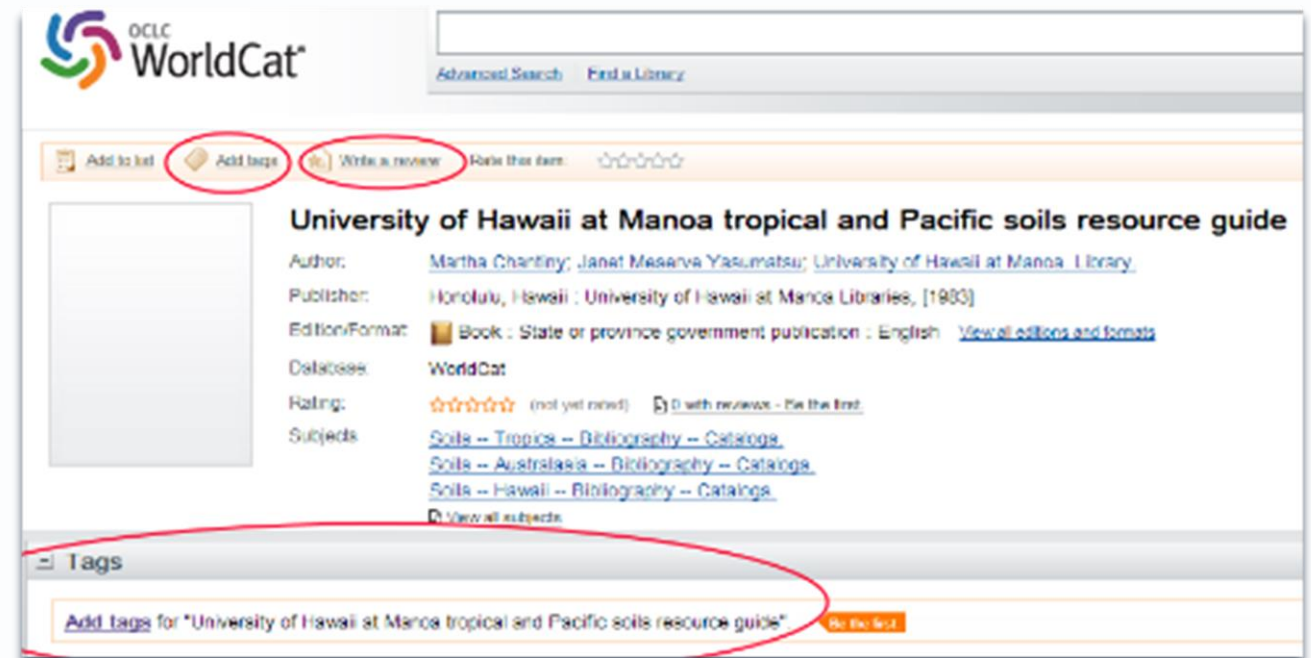
- [Get This Item](#)
- [Print/Save](#)
- [Export](#)
- [Email](#)
- [Add to My List](#)
- [Persistent Link](#)

Social Bookmarks:

-  del.icio.us
-  Digg
-  Facebook
-  Google
-  MySpace
-  StumbleUpon
-  Y! MyWeb

- [Voyager Record](#)
- [Staff View](#)

Worldcat



The screenshot shows the WorldCat interface for a book titled "University of Hawaii at Manoa tropical and Pacific soils resource guide". The "Add tags" button is circled in red. Below the book details, there is a "Tags" section with a text input field containing "Add tags for 'University of Hawaii at Manoa tropical and Pacific soils resource guide'" and a "Go" button. The "Write a review" button is also circled in red.

OCCLC WorldCat®


Advanced Search Find a Library

Add to list Add tags Write a review Rate this item ☆☆☆☆☆

University of Hawaii at Manoa tropical and Pacific soils resource guide

Author: [Martha Chantley; Janet Maserva Yasumatsu; University of Hawaii at Manoa Library](#)

Publisher: [Honolulu, Hawaii : University of Hawaii at Manoa Libraries, \[1980\]](#)

Edition/Format:  Book : State or province government publication : English [View all editions and formats](#)

Date Issued: **WorldCat**

Rating: ☆☆☆☆☆ (not yet rated) [0 with reviews - Be the first](#)

Subjects: [Soils -- Tropics -- Bibliography -- Catalogs](#)
[Soils -- Australasia -- Bibliography -- Catalogs](#)
[Soils -- Hawaii -- Bibliography -- Catalogs](#)
[View all subjects](#)

Tags

Add tags for "University of Hawaii at Manoa tropical and Pacific soils resource guide" [Go](#)


User-Generated Content (UGC) Crowd Sourcing / Tagging

Some institutions have used game mechanics to incentivize tagging. In 2008 Carnegie Mellon created two games (ESP game and Phetch) that allowed players to competitively tag images on the Web. Museums and other institutions pursuing tagging as a way to get user-generated content about collections should consider using gaming to motivate participation.

Brooklyn Museum Posse

<http://www.brooklynmuseum.org/community/posse/>

Posse members can play collection-based tagging games:

 **Tag! You're It!**

 **Freeze Tag!**



Contribute

Join the community that's organising and improving this information resource.

146,194 newspaper text corrections today

1,980 images from users this month

12,681 items tagged this week

1,394 comments added this month

771 works merged or split this month

815 lists this month

Connect to others with similar interests on the Trove forum

Keeping Up With... Big Data

Library administration and management should examine what types of big data sets their library could be gathering and analyzing using big data tools. Does your library have an opportunity to measure something new, some massive data set which previously was out of your reach because of software and hardware constraints? From the side of big data curation, **could your library, as part of storing your faculty's scholarly research and making it accessible, also store and mount your faculty's raw research data for others to use?**

[...] Or you could **be the thought leader on big data curation** at your institution by providing guidance to storing and making accessible big data sets. Now is the opportunity for your library to **understand the issues and opportunities** big data offers to researchers, administration, and the librarians at your institution.*

http://www.ala.org/acrl/publications/keeping_up_with/big_data

Data Curation - Data Management Plans

UHM Library is starting from a position of strength – our role as pathfinders and consultants

Creating guides



UNIVERSITY OF HAWAI'I AT MĀNOA LIBRARY

[Ask Us](#) | [Research Tools](#) | [Library Catalog](#) | [My Account](#)

[Library](#) » [LibGuides](#) » [Data Management Plans](#)

Data Management Plans

Creating a data management plan for access, sharing, and preservation

Giving campus workshops for researchers



Managing Your Data for Re-Use, Discoverability, and Citations

Sara Rutter Fall 2013



What data will you have?

- Experimental
- Observational
- Models
- Sensor data
- Data mining
- Physical samples
- Computer code

1. TYPES OF DATA GENERATED

University of Hawai'i at Mānoa Library

Thank you ... Mahalo ... Gracias



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