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Director of NTU Library Information Technology Services

Library in the Information Age

- Library Website Design and Maintenance
- Library Automation System Maintenance and Value-added Services
- Information System Development and Maintenance
 - E-workflow System, Readers Service System
 - Digital Resource Management System

Library Website Design and Maintenance



2011 Old Website Disadvantages

- 1. Fragmented blocks
- 2. Excessive information (looks like a sitemap)
- 3. Lack of visual identity
- 4. Difficult to update or maintain (texts in *.JPEG)



Reference Websites



USA

Harvard, Columbia University, Traverse District MI, Washington State University, DC public library, NYU etc.



Asia

Waseda University, University of Tokyo, Hitotsubashi University, Keio University etc.



Europe

University of Cambridge, The National Library of Finland, Helsinki University Library etc.



Oceania

Australia etc.

Phase 1 Goals

• Phase 1 : (2012~2013)

係為項[藥註]。後期十四日[藥註]。可預約五兩豐。

From webpage-type to database-type website



Website Development Steps

Simplify

- Main Menu
- Taxonomy

Categorize

- Google analytics
- AWStats

Flow

- From top to bottom
- Center-focused
 Visual

Main Menu

- Library Catalog
- Special Collections
- •E-Resources
- Services
- Publications
- About us

Types of Pages

1. General Services

(ex. Hours, Off-campus Internet Connection Services)

2. Customized Services

(ex. Exam Collections, Intercampus Loan Services)

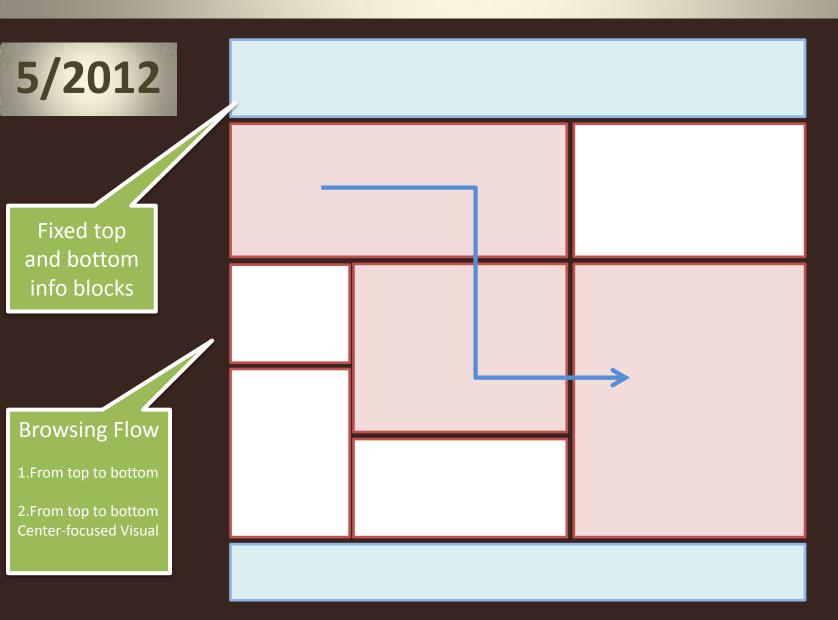
3.E-Resources

(ex. E-books)

Homepage Layout Design



Homepage Layout Design



5/2012

(本) 國立臺灣大學圖書館 NATIONAL TAIWAN UNIVERSITY LIBRARY



目前總圖在館人數:533

教師 | 學生 | 校友 | 訪客 | 職員 |

館藏資源▼

特色館藏

電子資源▼

服務項目▼

推廣活動▼

關於本館▼

揭募活動▼

Main Service

● 查詢檢索 查館域 查文章 站內搜尋 可輸入圖書期刊名稱、電子資源名稱、影音資料名稱、作者名、索書號、ISBN等.... 進階查詢 | 個人借閱紀錄 | 尚未收錄館藏的中文電子書

新到資料 RSS

- 本调全部新書目錄
- 音等/建築/雕塑/書書
- 小說/文學/中國文學
- 社會科學/教育/法律/經濟 RSS說明 >>more

Visual Focus



- 華振甫先生紀念圖書館
- 校總區院/系所圖書室
- 臺灣大學校史館
- 臺灣原住民族圖書資訊中心









▶ 訂閱圖書館電子報



近期熱門活動

1 2 3 4 5 6

統計數據 Getting Started with NTU Library

If you have guestions about NTU Library's resources, this article may serve as a guide to help you by introducing the use of NTUL resources.《更多推薦》

1 2 3 4 5

常用服務

- 學期中(103.9.15~104.1.18) 圖書館行事層
- ▶ 校外連線說明
- ▶ 論文繳交及離校手續
- ▶借閱規則
- ▶老古題
- ▶ 圖書館利用講習
- ▶ 周書館導覽服務
- ▶ 數位學習網
- ▶ 資料庫指引

最新消息

▶ 校內圖書代借服務 ▶ 館際合作服務

回首頁 | 臺灣大學 | 網站地圖 | 站內搜尋 | 常問問題 | 行動版

- ▶ 筆記型電腦使用及上網
- ▶ 連絡學科館員
- ▶ 查詢個人借閱紀錄 ▶ 失物招領查詢

- ▶「公告79月15日9點15分辜振甫先生紀念圖書館開始試營
- [徵才] 臺大圖書館特藏組誠徵計畫助理1名
- 因鳳凰颱風來襲,臺北市政府宣布今晚停止上班上課,總 圖自習室僅開放至下午5點
- 「公告」化學系圖書室即日起至 10 月 14 日開館時間調整
- 「活動」燃燒學習小宇宙!! 資料庫講習課程2014秋季班
- 公告:2014/9/28圖書館清理傘架
- [公告]2014/9/28(週日)圖書館清理木製開放式置物架
- [活動] 屠龍戰記電子書專賣活動,等你來挑戰!

more

News

網站使用意見回饋



Faculties | Students | Alumni | Visitors | Home NTU Home | Search | Site map | FAQ | Mobile |

Library Catalog *

Special Collections *

E-Resources *

Services *

Publications *

About *



Frequent Services

- Hours
- ▶ E-Learning Center
- Subject Librarians
- Loan Policy
- Circulation Services
- Applying for Library Cards
- Readers Services
- ▶ Off-campus Connection Services



- General Works
- Music/Fine Arts
- Language and Literature
- Commerce/Finance
- Science

>>more

正為文獻查詢與管理苦惱的您,一定要來參加!

Web of Science · Scopus · EndNote等文獻 查詢與管理工具的快速補給站!

想學習用各種資料庫作文獻查詢? 想學習用EndNote作文獻管理? 讓圖書館來HELP您!

1 2 3 4 5 6 7

Medical Library

Other Branch Libraries

Gallery of NTU History

D Law & Social Sci. Library

NTU Museums

Taiwan Indigenous Peoples Resource Center











Reference Services

Librarians are available to provide research assistance, including the information of the...



INEWS

[Notice] Library Closed and Services Interrupted on August 10th

2013-08-05 10:36

[Notice] Library Closing Notice

2013-07-12 09:56

[Notice] Main Library is closed on JUNE 12,

Dragon Boat Festival

2013-06-11 12:34

Book Return Services Counter in Main library will be closed on May 31

2013-05-27 10:21

[Notice] Undergraduate students and staff can borrow up to 30 items

2013-05-21 16:33

[Notice] Main Library Hours change(2013/4/3-2013/4/5)

2013-03-27 13:24

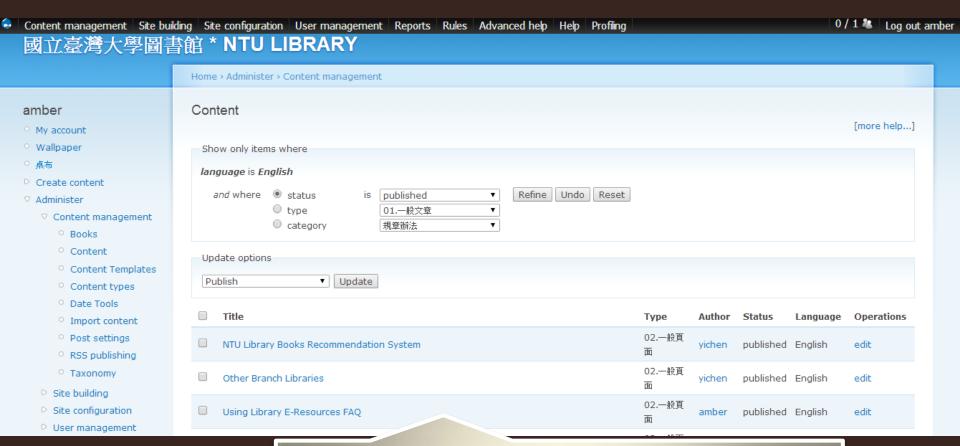
1 2 3 next > last >

Hours Contacts Feedback Website User Feedback Policy

more

We suggest Internet Explorer user to use "Non-Compatibility Display" to view our website.

5/2012



Web Content Management System

2010-2011 Website Page Views TOP10

Behavior	1/2010~8/2011	
Page	 Home Exam Collections Network 	
	4. Hours5. e-Books6. English Home7. Library Catalog	Develop websites database based on the page views ranking.
	8. Introduction9. FAQ10. Delivery Book Serv	vice

Readers Services Websites

New Website

- 1. Home Page
- 2. Framework
- 3. Visual Design

NTU Academic Development

NTUML Newsletter

Foundation for e-Journal

University Library Journal

Subject

NTU Curriculum

Digital

Archive

2013/12

Exam Collections

NTU Collected Works

Services

2012/1

Internal Systems

Knowledge Management System

Equipment Lending System

NTU Library Newsletters Website

Lost and Found System

Special

Collections

Completed Items in Phase 1



















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2013/12

Sub-Website



2014 Website Page Views TOP10

*Does not include sub-websites

Behavior	1/2010~8/2011	1/2013~8/2014
Page	 Home Exam Collections Network Hours e-Books English Home Library Catalog Introduction FAQ Delivery Book Service 	 Home e-Resources Statistics Network Hours Library Catalog Graduation Procedure e-Books Off-campus Internet Connection Student Information Web Services

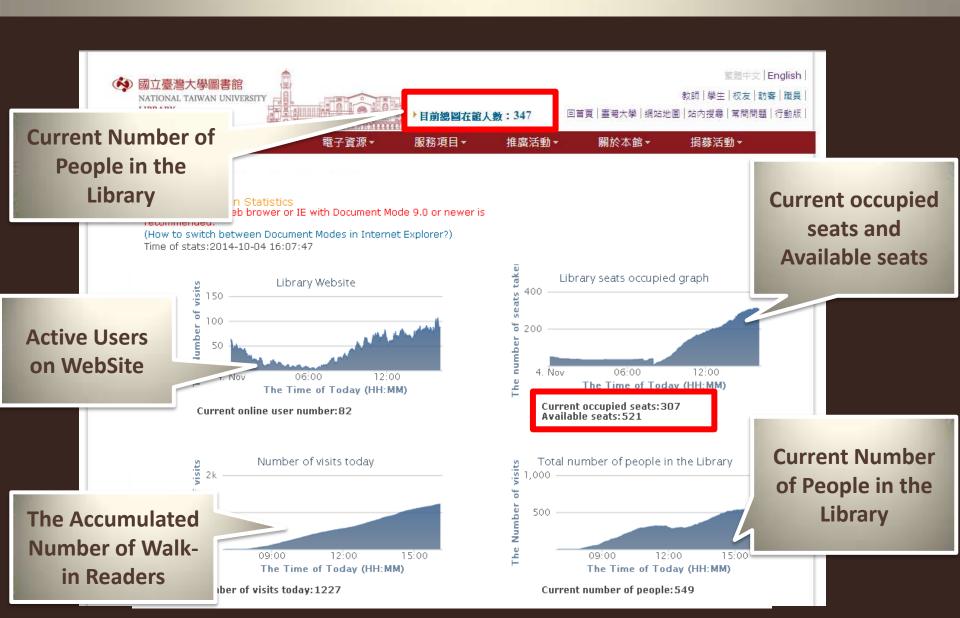
Exam Collections Page Views

Why the Exam Collections did not appear on TOP10 Page Views in 2014?

Because the Exam Collections was developed into a sub-website.



Real-time Statistics



Increase of Most Used Services Page Views

Most Used Services are placed on the Homepage which leads to the increase of its page views.

(i.e **Graduation Procedure**)



Library Automation System Maintenance and Value-added Services



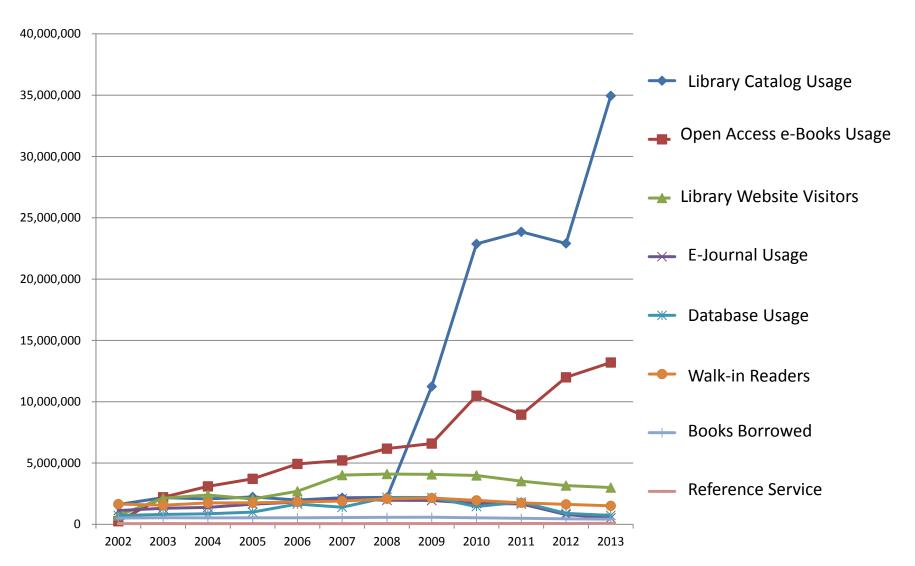




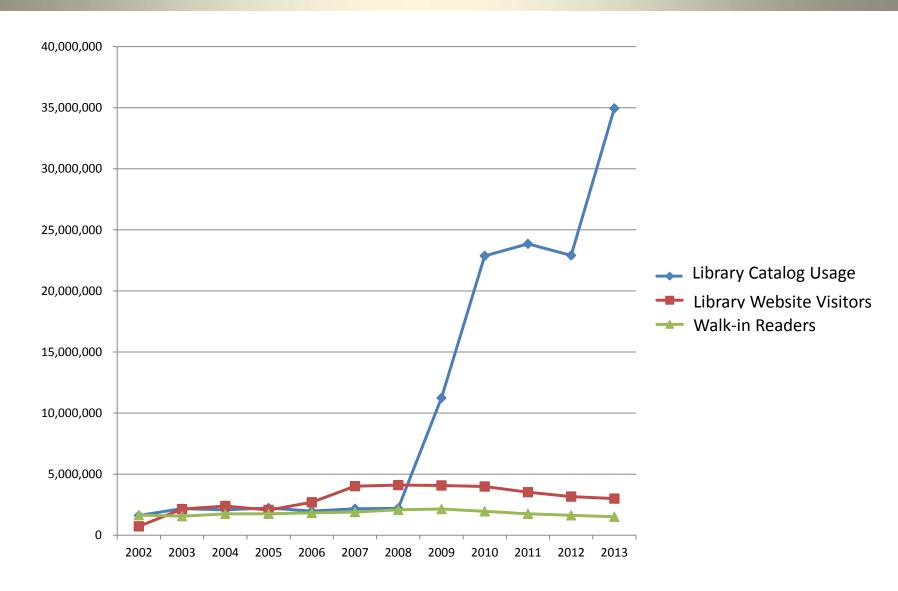




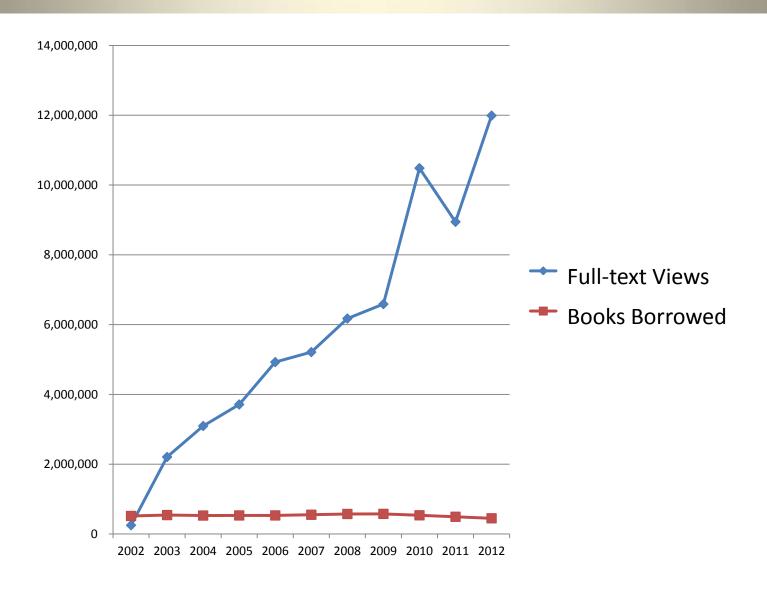
NTU Library Service Statistics



Library Catalog System and Library Website



Full-text Views and Books Borrowed



Information System Development and Maintenance



Information System Development

NTU Library In-house Projects

Readers Service Tools:

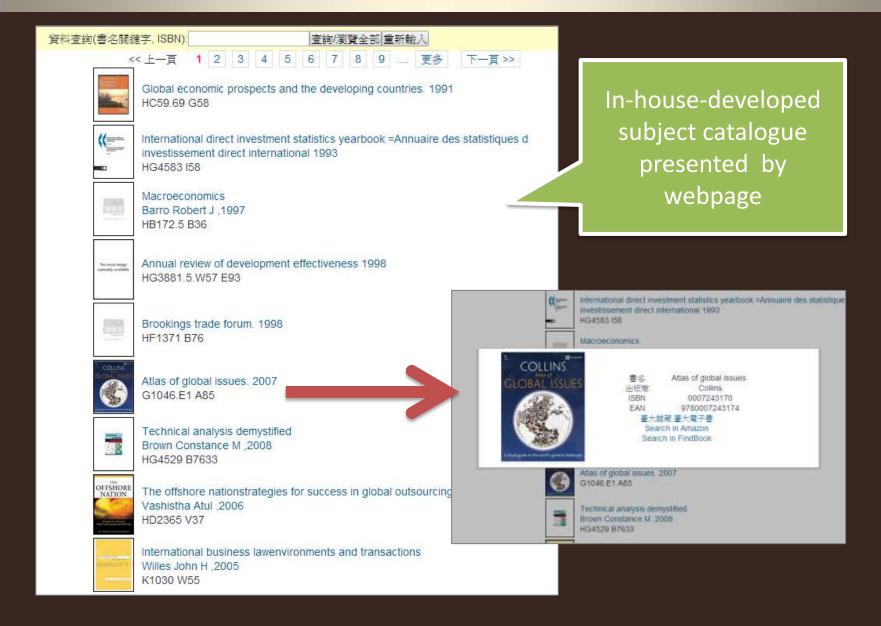
- 1. QR Code -Scan QR Code to quickly obtain the title and other information.
- 2. Opinion Reading experience sharing
- 3. Bookmark Share catalogs on social med
- 4. MetaCat (Union Catalog)
- 5. EndNote Tool
- 6. Troubleshooting User Feedback



Search in FindBook

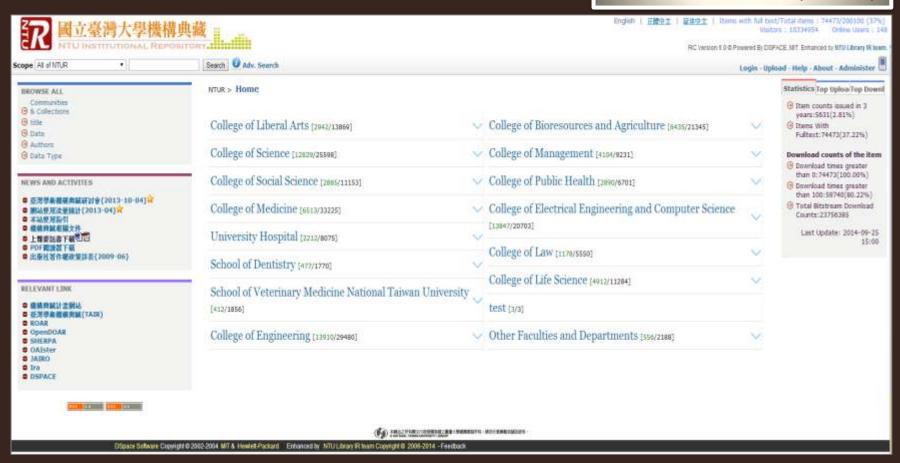


Subject References



Digital Resource Management System

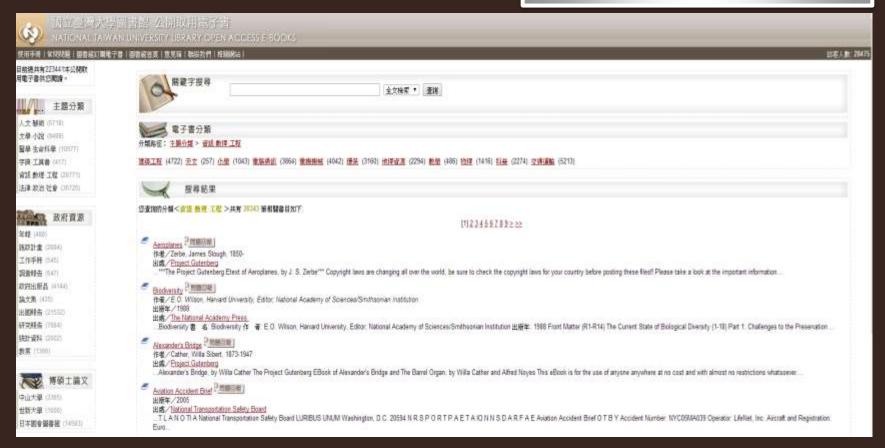
NTU Institutional Repository



NTU staff and professor papers collection: 198,202 records.

Digital Resource Management System

NTU Library Open Access e-Books



Open Access e-Books Collection: 110,074 records

Digital Resource Management System

NTU Web Archiving System

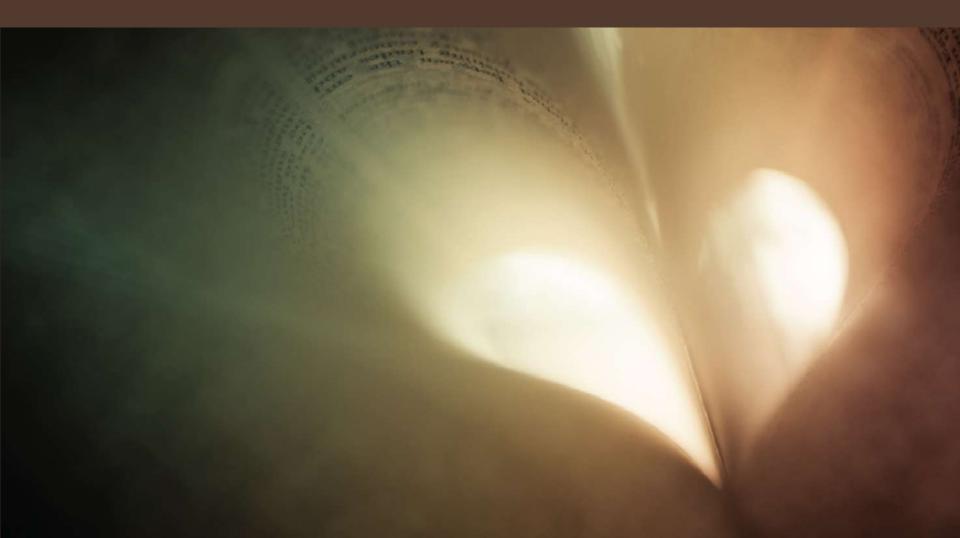
Archive government agencies, contemporary events and NTU websites: 6,168 websites, 22,245 website versions •

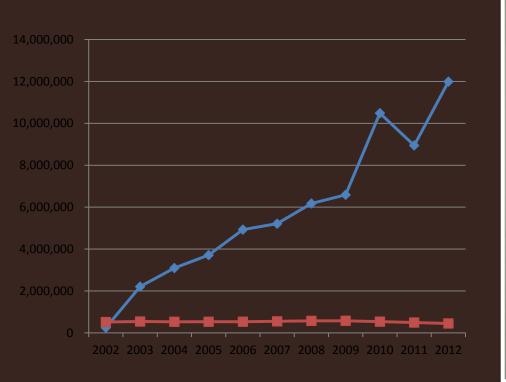




National Taiwan University Scholar Gateway

NTUSG, established by NTU Library, is a free online service that helps you to find the best web resources for your studies and research.

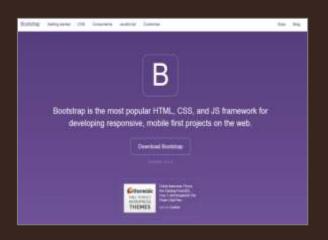




New Challenges

- 1. Increasing website usage
- 2. Different system vendors
- 3. Saturation of walk-in readers
- 4. Increasing special collections
- 5. Increasing mobile devices
- 6. Increasing foreign students





The difficulties of open source CMS and Responsive Web Design

- Conflicts between the Drupal system modules
- 2. UI designs for different devices
- Conflicts between JavaScript and open source
- 4. Issues with browsing speed

- Different databases have different licensing requirements, which is difficult for application development.
- 2. Drupal has a different interface from other systems.
- 3. Hard to integrate many system platforms.





國立臺灣大學圖書館

NATIONAL TAIWAN UNIVERSITY LIBRARY



目前總圖在館人數:0

繁體中文 | English |

教師 學生 校友 訪客 職員

回首頁 | 臺灣大學 | 網站地圖 | 站內搜尋 | 常問問題 | 行動版

館藏資源▼

特色館藏

電子資源▼

服務項目

閉管服務

學科服務

急考諮詢服務

圖書推舊服務

導管服務

推廣活動。

關於本館▼

揭募活動▼

Challenging main menu simplification

新到資料 RSS

- 本週全部新書目錄
- 音樂/建築/雕塑/書畫
- 小說/文學/中國文學
- 社會科學/教育/法律/經濟 RSS說明 >>more

分館與其它



服務

開放時間

連線說明

規則

論文繳交及離校手續校内圖書代借服務

▶ 筆記型電腦使用及上網

▶ 館際合作服務

論文繳交及離校手續

館導覽服務

館利用講習

連絡學科館員

館際合作服務

學習網

- 查詢個人借關紀錄
- 庫指引
- 失物招領查詢

消息

告]9月15日9點15分辜振甫先生紀念圖書館開始試營

多媒體服務

動位學習網

圖書館利用講習

場地及設備服務

失物招領

用資料庫:中國統計年鑑資料庫

程] 數位學習不出門,行動講堂**〈**生活英語補給站 II**〉**

果!

用資料庫:國文天地雜誌資料庫、華文雜誌知識庫兩種

3庫



Future Development

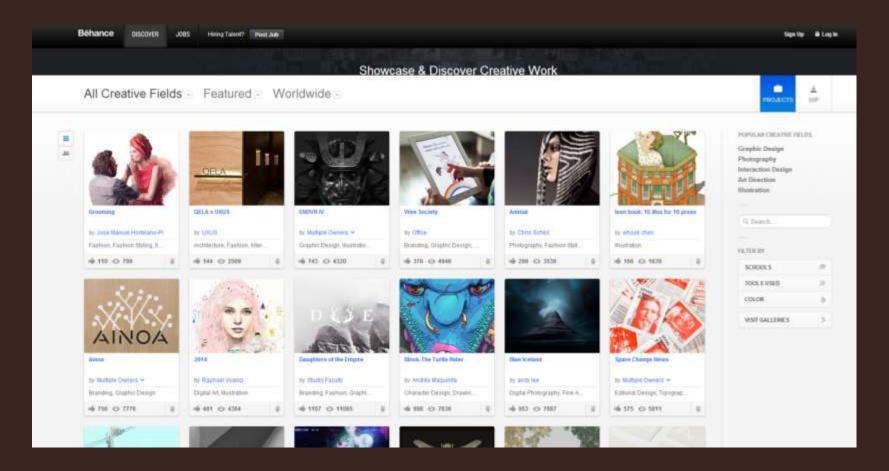
Phase 2 Goals

2014 Phase 2 Goals

- Structural adjustment
- Content re-profiling
- More statistics for decision making
- Improving visual design
- Public data gathering, using, linking
- Opening data and Library API

Website Design Trends

- 1. Responsive Web Design
- 2. Visual Image Design

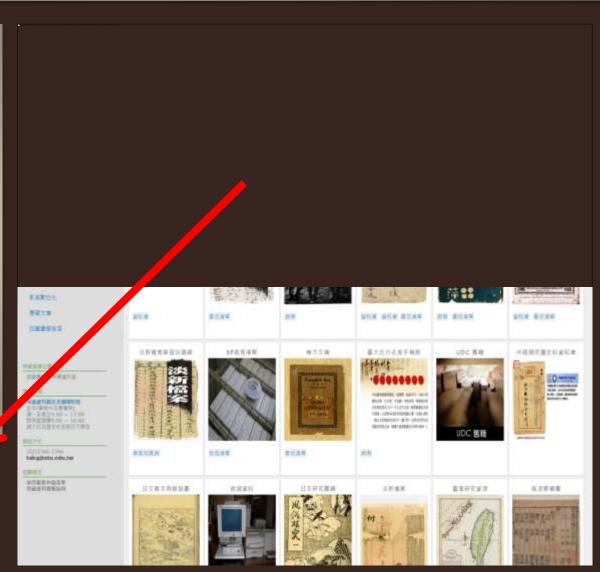


Future Development-Special Collections

Ex. Future Development

- 1. Use images to attract readers
- 2. UI designs for different devices
- 3. Use tags to label information
- 4. Single-window Search Platform





Future Development-Online Service Procedure

文獻複印傳遞

圖書代借代還

自行前往他館借書

館際合作O&A

館際合作服務 / 文獻複印傳遞服務

- 1. 期刊文獻 (詳細說明) | 提出申請 (JADE 服務) | 中文期刊建議使用NDDS。 c 建議使用IE7.0 操作本系統)
- 2. 學位論文 (詳細說明) | 提出申請
- 3. 圖書、會議論文、研究報告(詳細說明) 提出申請
- 4. 大陸地區 (詳細說明) 提出申請

【期刊文獻】

1)使用系統:

若您所需的期刊文章,圖書館未有紙本館藏或電子資源,請利用 期刊文獻快遞服務(Journal Article Delivery Express, JADE)申請文獻複印傳遞(建議使用IE7.0操作本系統) (限本校教職員生使用,以計中帳號進行認證)

2)申請步驟:

- a. 查詢本館館藏目錄,確認本館無典藏您所需期刊。
- b. 提出申請:點選期刊文獻快遞服務 (Journal Article Delivery Express, JADE) 並以您的計中帳密登入,填寫資料。
- c. 為加快處理度,請提供該期刊之ISSN。
- d. 接獲E-Mail取件通知後,至總圖一樓流通櫃臺繳款取件。 (醫圖讀者請至醫圖一樓流通臺、法社分館讀者請至法社分館一樓參考諮詢臺繳款取件)

3) 處理速度:

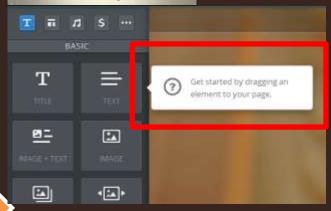
- a. 上列JADE服務係連接美國RAPID ILL系統,其處理時間約1-3天,視各單位期刊庋藏單位處理狀況而定。
- b. 無法透過RAPID ILL系統獲得之文獻, 約需2-4週,視提供單位處理狀況與傳遞方式而定。

4) 費用:

- a. 透過RAPID ILL系統取得之期刊文獻,以每頁5元計費。(按文章原始頁數)
- b. 轉至NDDS系統之申請件,計價方是以各圖書館收費標準為主。
- c. 若無法透過RAPID ILL系統獲得,經申請者同意後,透過其他館際合作單位如大英圖書館等單位購買取得,每篇550元(不計頁數)。

Ex. Service-Interlibrary Loan

1. Step by step



2. Labeling Process Procedure



3. Describing content while the procedure is progressing.

Future Development-Mobile Service









Current Operating Mode

- 1. Internal Demand 60%
- 2. Readers Demand (Reference Service) 30%
- 3. Web Statistics 10%

Changes in important issues

- 1. Changes Home
- 2. Changes Main Menu

Website Team (14 representatives from all divisions)



1.Update Content

2. Layout Design

3. Improve Function

IST Division



Library Website

- 1. Structure
- 2. Interface
- 3. Content

Future Development - Development Patterns and Cycles

