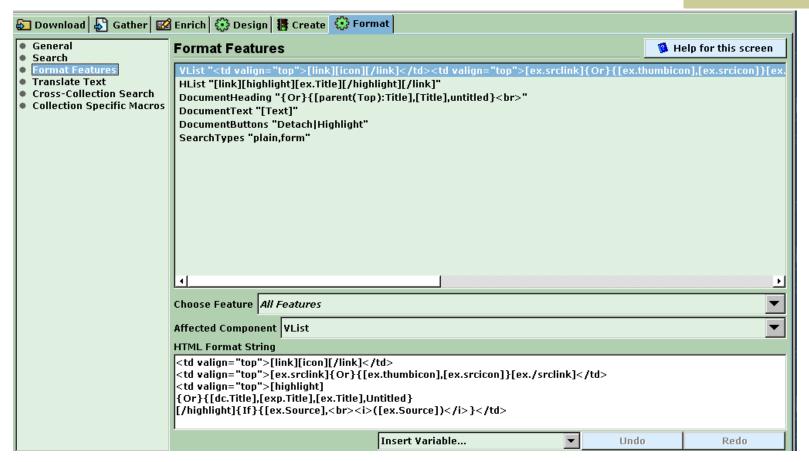
Searching - Greenstone setup

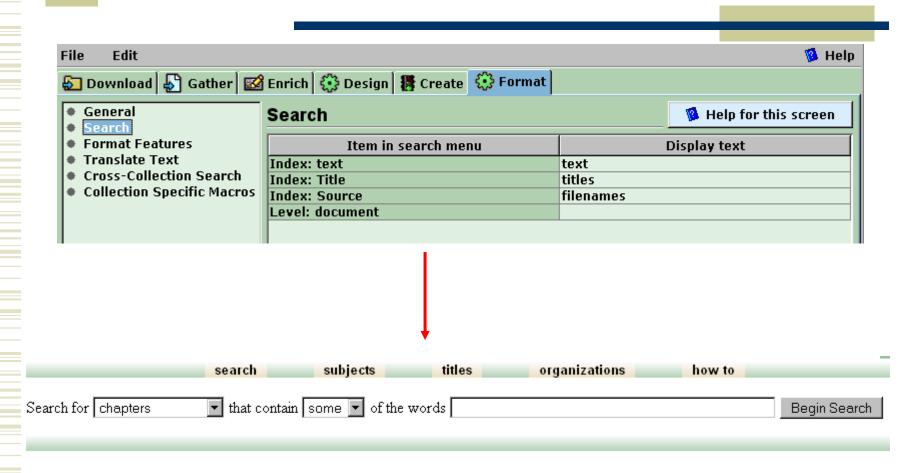


114th Annual ASEE Conference Workshop 2 – University of Hawaii at Manoa, Hamilton Library, June 24, 2007

Searching - Greenstone setup

Format Features		7	Help for this screen	
VList "[link][icon][/link][ex.srclink]{Or}{[ex.thumbicon],[ex.srcicon]}[ex. HList "[link][highlight][ex.Title][/highlight][/link]" DocumentHeading "{Or}{[parent(Top):Title],[Title],untitled} DocumentText "[Text]"				
DocumentButtons "Detach Highlight"				
4			3-1	
Choose Feature DocumentButtons	•		F	
Affected Compor All Features AllowExtendedOptions HTML Format St CL1: AZList -metadata ex.Title				
Detach Highligh CL2: AZList -metadata ex.Source				
Document				
DocumentArrowsBottom DocumentArrowsTop				
DocumentButtons			_	
	Insert Variable	Undo	Redo	
Add Format	Remove Format	at Reset to Default		

Searching - Greenstone user interface



Searching - Greenstone Preferences

What the end user sees:

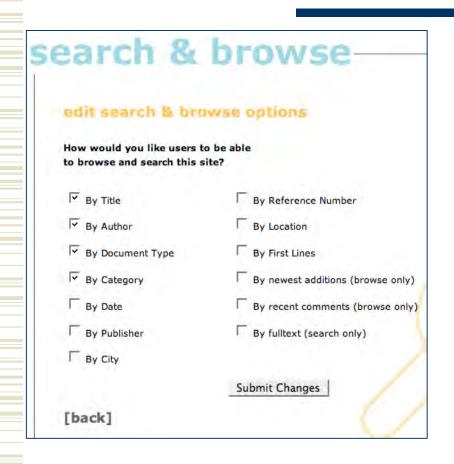
Search preference	set preferences
Query mode:	• simple query mode • advanced query mode (allows boolean searching using !, &, , and parentheses)
Query style:	● normal with single line ▼ query box ○ fielded with 4 ▼ fields
Case differences:	 • ignore case differences ○ upper/lower case must match
Word endings:	C ignore word endings • whole word must match
Search history:	 • do not display search history ○ display 5 search history records
Return up to 50	hits with 20 v hits per page.

Searching - Greenstone Preferences

Functionality and look of page controlled in prefs.dm macro file:

```
# page content
_pagetitle_ {_collectionname_: _textpreferences_}
_imagethispage_ {_textpreferences_}
_htmloptions_ {}
_htmloptionson_ {
_fcoption_
 hloption 
_extlinkoption_
If ( PreferenceDocsFromWeb , intlinkoption )
fcoption {
Document page layout
<input type=radio name=fc value=1 onClick="updatefc(1);"</pre>
      _If_(_cgiargfc_, checked)>navigation bar at top<br>
      <input type=radio name=fc value=0 onClick="updatefc(0);"</pre>
     _If_(_cgiargfc_,, checked)>no navigation bar
```

Searching - Streetprint setup

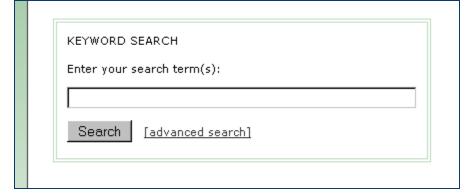




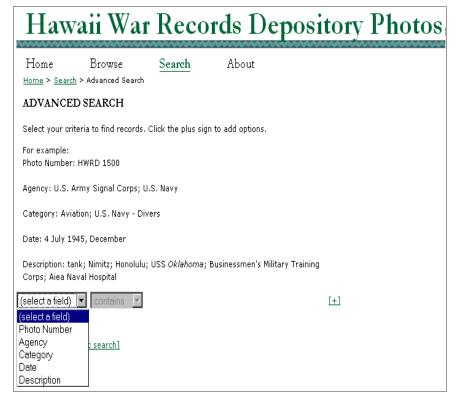
Searching - Streetprint user interface

Default is ultra-simple keyword search

home	browse	<u>search</u>	about	
<u>Home</u> > Sea	rch			
SEARCH				
Enter your search term(s):				
Search	[advanced searc	<u>:h]</u>		



Searching - Streetprint user interface



Advanced search with instructions or multiple pull down menus



Streetprint - user interface Comments

Community Commenting is currently ON.	Comments for Heela- For Their Own Pockets Comments for Heela- For Their Own Pockets
disable visitor commenting delete comments	Name E-mail (optional)
[back]	Comments Add Comment

Customizing

Which code looks like more fun?

Customizing

```
$tmpl->addVars( "viewtext", array
( "TEXT_NAV" => $textnav->getHtml(),
    "IMAGE1" => $image1,
    "MAIN_IMAGE_WIDTH" => $mainImgWidth,
    "TEXT_TITLE" => $text->title,
    "TEXT_TITLE_UC" => strtoupper($text->title),
    "RECORD" => $text->getRecord($gfx),
    "RIGHT_COL_WIDTH" => $rightColWidth,));
```

Customizing

```
$tmpl->addVars
( "searchresults", array("THUMBS" => $thumbnails,
    "PAGINATION" => $pag, "VIEW_SWITCHER" =>
$switcher));if(!empty($legend))
{$tmpl->addVar("commentLegend",
    "COMMENT_LEGEND", $legend); } else
{ $tmpl->setAttribute("commentLegend",
    "visibility", "hidden"); }
```

```
<format>[link][icon][/link][srclink][srcicon][/srclink][highlight]{Or}{[<small>{If}{[Date],<br><[If}{[NumPages],<br>_textnumpages_[NumPages]}{If}{[Source]</small></i></format>
```

Streetprint customization Templates, Pages, Includes

/streetprint/DB/Pages

- •about_contact.php
- about.php
- •advancedsearch.php
- •basicsearch.php
- •browseby.php
- •browselist.php
- •browse.php
- •bytitle.php
- •search.php
- •searchresults.php
- viewfulltext.php
- viewimage.php
- •viewmedia.php
- viewtext.php

/streetprint/DBs/templates/Pages/

- •about_tmpl.html
- advancedsearch_tmpl.html
- basicsearch_tmpl.html
- browseby_tmpl.html
- •browselist_tmpl.html
- •browse_tmpl.html
- •index_tmpl.html
- searchresults_tmpl.html
- viewfulltext_tmpl.html
- •viewimage_tmpl.html
- •viewmedia_tmpl.html
- viewtext_tmpl.html

/streetprint/DB/include/

- •about_navigation.inc
- •allObjects.inc
- •navigation.inc
- •sp_fieldnames.inc
- •sp_footer.inc
- •sp_graphicfiles.inc
- •sp_header.inc
- •sp_initialization.inc
- •sp_subdir_header.inc

Greenstone customization Macros, Config files

/gsdl/macros

- •about.dm
- •browse.dm
- •collect.dm
- dateqry.dm
- •extra.dm
- •gli.dm
- •help.dm
- •home.dm
- •html.dm
- •nav_css.dm
- •pref.dm
- •query.dm
- •style.dm
- •yourhome.dm

There are 103 macro files, most of them are for language definitions: arabic to urdu

Greenstone customization Format statements & string items

```
[link][/link]
[srclink][/srclink]
[icon]
[srcicon]
[num]
[numleafdocs]
[Text]
[RelatedDocuments]
[highlight][/highlight]
[Summary]
[DocOID]
[DocRank]
[DocImage]
[collection:meta-name]
```

VList
HList
DateList
SearchVList
DocumentVList
CL1VList
CL1HList
CL1DateList

Greenstone customization Format statements & string items

Conditional expressions in formatstrings

ltem	Description		
{ f}{[metadata], action-if-non-null, action-if null}	If there is a value for this metadata element, then output the first clause, otherwise output the second clause. Either clause is optional: if empty, nothing will be done for that case. This is useful for displaying classifier nodes differently to document nodes: {If}{[numleafdocs],format for classifier,format for document}		
{ f}{[metadata] op value, action-if-true,	Can do tests on metadata values. These can be string comparisons, or numeric comparisons. Valid operators are:		
action-if-not-true}	String Numeric Meaning		
	eq == equals		
	ne != not equals		
	gt > greater than		
	ge >= greater than or equal to		
	It < less than		
	le <= less than or equal to		
	sw starts with ew ends with		
	Note that only eq and ne are available for Greenstone versions 2.60 and earlier.		
{Or}{[metadata], [metadata2], [metadata3]}	Each metadata is evaluated in turn, and the first one that exists is output Useful for cases where there are different namespaced version of the same metadata, e.g. {Or}{[dc.Title],[dls.Title],[Title],Untitled}. The last item can be plain text.		
nested lf/Or	$\{Or\}\ can\ have\ another\ conditional\ as\ its\ final\ option,\ eg\ \{Or\}\{[BookTitle],[Title],\{If\}\{[XXX],aaa,bbb\}\ \}.$ The following is not valid: $\{Or\}\{[BookTitle],[Title],\{If\}\{[XXX],aaa,bbb\}\ \}.$		
	{If} can have nested conditionals at either true/false option. eg. {If}{[numleafdocs],[Title],[BookTitle]{If}{[Subject],[Subject],unclassified} }		

Greenstone customization CGI

cgi arguments used by library encode the parameters of each page, e.g., what kind of page to display, what query to carry out. a is the main cgi argument and determines which action is used to display the page.

1 a=p: Page action

2 a=q: Query action

3 a=d: Document action

4 a=extlink: External Link action

Queries then have many options:

t search type - if b=0, 0=all, 1=some. if b=1, 0=boolean, 1=ranked

m max number of documents to return in search results

O how many documents to display per page of search results

r which result number to start from for the current page of results

OK, have we had enough tech?

Time for a tour ...



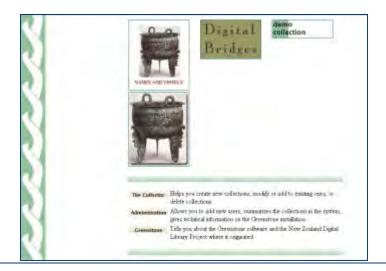


http://nzdl.sadl.uleth.ca/cgi-bin/library



http://www.booksfromthepast.org/

http://image2.nybg.org/cgi-bin/nybg.exe

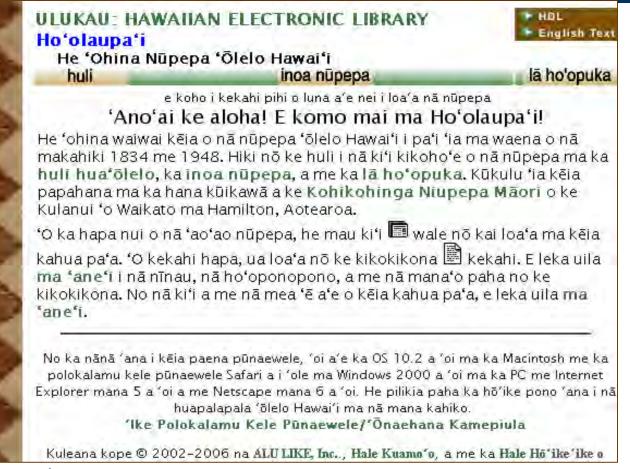




http://bridges.lib.lehigh.edu/cgi-bin/library?a=p&p=home

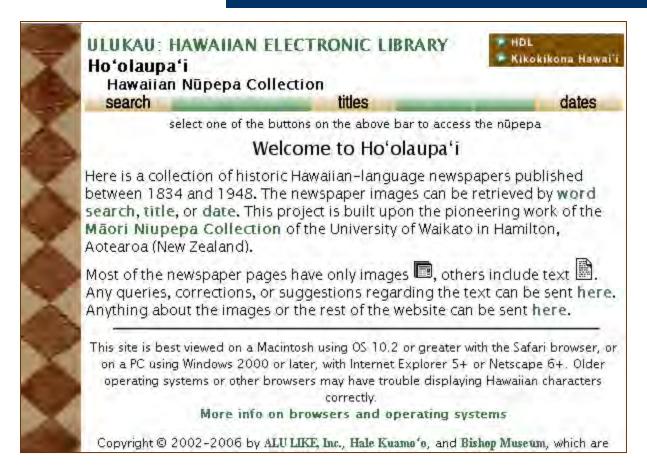
Hawaiian Language Newspapers

http://nupepa.org/



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Hawaiian Language Newspapers part of The Hawaiian Electronic Library http://www.ulukau.org/

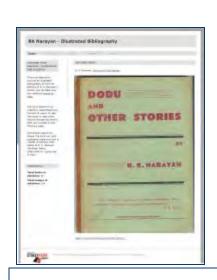




http://www.infoapolice.sk/streetprint/

Sites that use Streetprint

http://cushing.tamu.edu/collections/images/





http://www.opmagazine.com/streetprint/

h Annual ASEE Conference Workshop 2 – University of Hawaii at Manoa, Hamilton Library, June 24, 2007

Sites that use Streetprint

University of Victoria Maltwood Art Museum and Gallery

http://maltwood.uvic.ca/physics/





http://www.maltwood.uvic.ca/lorenze

Sites that use Streetprint





http://www.spleencoffin.com/streetprin

http://www.edmontonsmallpress.org/catalogue/

Greenstone at UH Manoa: not as far along as we thought we'd be

http://128.171.57.25/gsdl/cgi-bin/library

greenstone digital library software

Building a Rainbow)



select a collection

Greenstone demo

Trust Territory
of the Pacific Islands

Howeiter Sugar Plantines Association

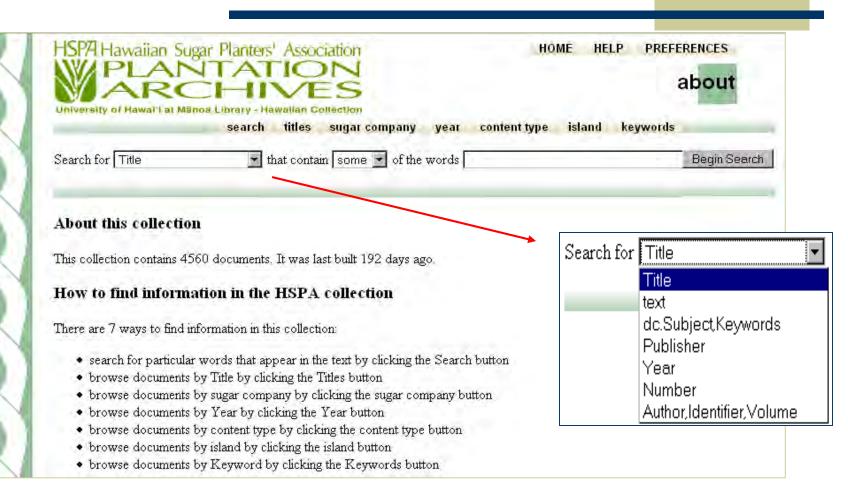
HELP

The Librarian Interface Helps you create new collections, modify or add to existing ones, or delete collections

Administration Page Allows you to add new users, summarizes the collections in the system, gives technical information on the Greenstone installation

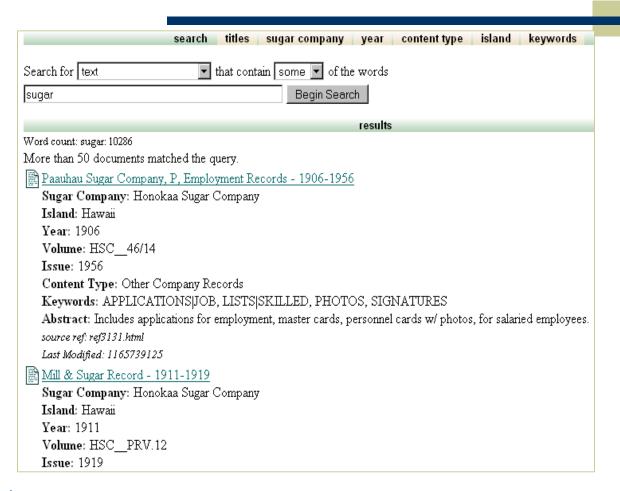
About Creenstone Tells you about the Greenstone software and the New Zealand Digital Library Project where it originated

Greenstone at UH Manoa: HSPA



114th Annual ASEE Conference Workshop 2 – University of Hawaii at Manoa, Hamilton Library, June 24, 2007

Greenstone at UH Manoa: HSPA records - default



Greenstone at UH Manoa: HSPA - labelled

Paauhau <mark>Sugar</mark> Company, P, Employment Records - 1906-1956

Title Paauhau Sugar Company, P, Employment Records - 1906-1956

Sugar Company Honokaa Sugar Company

Island Hawaii

Content Type Other Company Records

Volume HSC_46/14

Issue 1956

Keywords APPLICATIONS|JOB, LISTS|SKILLED, PHOTOS, SIGNATURES

Abstract Includes applications for employment, master cards, personnel cards w/ photos, for salaried employees.

Greenstone at UH Manoa: HSPA search types

Content type search titles	Sugar Company search	Keywords
Content type Search titles Corporate Records (154) Correspondence (2008) Cultivation Contracts (39) Financial Records (412) Financial Records; 1958-1975 (1) Manager's Personal Files (233) Manager's Personal Files; 1933-1945 (1)		Keywords (40) 1 (4) 10 (4) 11 (4) 12 (3) 13 (2) 14 (2) 15 (4) 15 YR (1)
Miscellaneous Records (156) Other Company Records (1183) Personnel and Payroll Records (268) Production Records (105)	McBryde Sugar Company (26) McBryde Sugar Company (222) Pioneer Mill Company (149) Puna Sugar Company (1151)	16 (2) 17 (4) 18 (3) 1 2 (6) 20 (2) 21 (2)

Greenstone at UH Manoa: Building a Rainbow



About this collection

Published by the University of Hawaii Press in 1983, "Building a Rainbow" is about the history of the buildings and grounds of the University of Hawaii at Manoa's campus. Edited by Victor Kobayashi, the book comprises of articles and stories by students and faculty of University of Hawaii at Manoa.

At the time that the book was published, metal lithographic plates were utilized to produce the limited quantity of books. These plates have long since been discarded and there are no existing electronic back-up copies of the books. "Building a Rainbow" will not be reproduced. Present existing copies of the books in the University of Hawaii Libraries' are deteriorating with each use. The glue used to bind the book is weakening, causing the pages of the books to detach from the spine each time the book is opened. The digitization of "Building a Rainbow" is an effort to preserve the contents of the book yet at the same reach a wider audience.

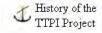
The "Building a Rainbow" Digital Library was part of a system analysis project done in Dr. Luz Quiroga's LIS 647 System Analysis for Information Management in the spring semeters of 2007. The resulting digital library's layout and data structure is the product of the term project, "Digitizing 'Building a Rainbow'". The members of the project were Nadia Ayesh, Amy Irle, Alice Tran, and Tamara Zielinski.

Greenstone at UH Manoa: Trust Territory of the Pacific Archive Photos

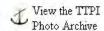


http://libweb.hawaii.edu/digicoll/ttp/ttpi.html

Table of Contents



» Creation of Archives
 » Digitized Database
 » Trust Territory Today
 » TTPI Photo Collection



» Viewing Guide & Gallery » Browse by Reel » Jump to a Random Reel



Trust Territory of the Pacific Islands Archives BROWSE BY REEL

Continue to Reels:

[1756a-2219] [2220-2439] [2440-2639] [2640-2839] [2840-3029] [3030-3209] [3211-3399] [3401-4112]

Reel #1756a PARTI (PHOTOS 1 - 21)

VERY WIDE VARIETY SUBJECTS, CONTACT SHEETS AND NEGS: GOV'T MEETINGS, SHIP BUILDING, SCENERY, GRADUATION, AGRICULTURE, HEALTH, ABAI, PERSONNEL, HANDICRAFT, MISCELLANEOUS.

Reel #1756b PARTII (PHOTOS 22 - 32)

Reel #1756c PARTIII (PHOTOS 33 - 53)

Reel #1756d PARTTV (PHOTOS 54 - 69)

Reel #1756e PARTV (PHOTOS 70 - 99)



Greenstone at UH Manoa: Trust Territory of the Pacific Archive Photos



There are 2 ways to find information in this collection:

- · search for particular words that appear in the text by clicking the Search button
- · browse documents

Streetprint at UH Manoa

http://digicoll.manoa.hawaii.edu/



University of Hawaiʻi at Mānoa Library

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Ask Us | Find Books & Media | Your Account |

Site Search

Digital & Digitized Collections - Streetprint Digital Software

- Bob Krauss Research Index
- •Hawai'i War Records U.S. Army Signal Corps Photographs
- Hawaii/Pacific Film & Videos [coming soon]

- Hawaiian Photo Album
- Save Our Surf (SOS)
- Shackford Collection of photographs of China
- South East Asia Posters
- Social Movements Collection
- Steve Thomas Traditional Micronesian Navigation Collection
- TRAIL-Technical Report Archive and Image Library

Introduction

The Digital Archive Collections at the University of Hawai'i at Manoa Library include historical and cultural material in digital form, made accessible via the World Wide Web.

Streetprint at UH Manoa Social Movements

http://digicoll.manoa.hawaii.edu/socmovements/



Converted from a home-made MySQL implementation

Streetprint at UH Manoa Krauss Index

http://digicoll.manoa.hawaii.edu/krauss/



Being input one by one from 3x5 index cards. Eventual goal is to link each card to an image of the article to which it refers.

Streetprint at UH Manoa Save Our Surf

http://digicoll.manoa.hawaii.edu/sos/

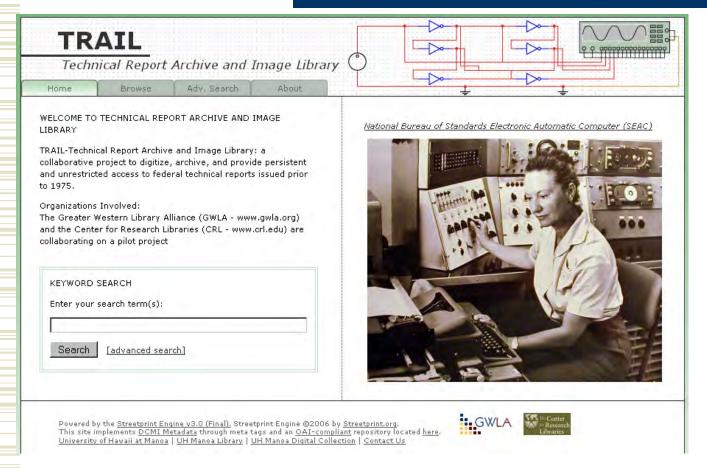


Scanned,
OCR'd &
completed
over two
semesters by
one student
assistant

Powered by the Streetprint Engine v3.0 (Final). Streetprint Engine @2005 by Streetprint.org.
This site implements DCMI Metadata through meta tags and an OAI-compliant repository located here.

Streetprint at UH Manoa Demonstration site - TRAIL

http://digicoll.manoa.hawaii.edu/techreports/



Created as a
"proof of
concept" to
present to
GWLA
Directors with a
proposal to fund
a multi-year
digitization
effort

Streetprint at UH Manoa Demo site - Hawaiian Music

http://digicoll.manoa.hawaii.edu/music/



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Streetprint at UH Manoa Steve Thomas Traditional Navigation

http://digicoll.manoa.hawaii.edu/satawal/



Scanned & proofed by two students in just a little over a year. Using comment feature to obtain expanded description info

Links

- •New Zealand Digital Library http://nzdl.sadl.uleth.ca/cgi-bin/library
- •Greenstone http://www.greenstone.org/
- •Greenstone Wiki http://wiki.greenstone.org/wiki/index.php/GreenstoneWiki
- •Streetprint
 http://www.crcstudio.arts.ualberta.ca/streetprintorg/
 (http://www.streetprint.org)
- •Streetprint Sourceforge download https://sourceforge.net/projects/streetprint/

Open Source "Digital Library" Systems: Streetprint & Greenstone



Questions?



Comments?

Presentation available online:

http://www2.hawaii.edu/~chantiny/ASEE.ppt