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OPAC Customizations in Single and Multi-Library Sites

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LibLime

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Things to Cover

- How to customize the OPAC
- How to configure for multiple libraries
- Various resources

What Can Be Customized

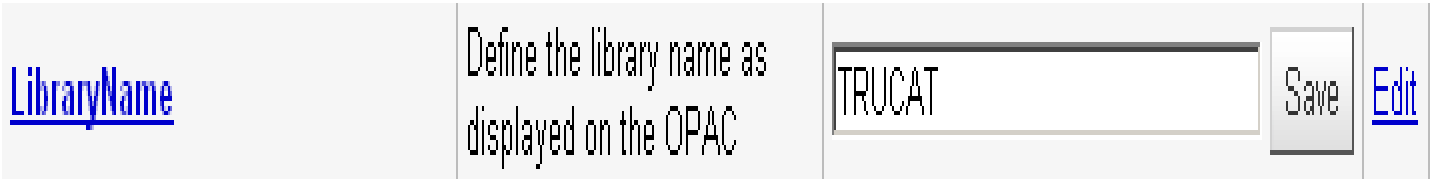
- Add the library name in the browser's top bar
- Insert an image or text into the header area
- Change the masthead color to match the header image
- Change or hide the masthead image
- Add text/links/images into the lefthand sidebar

What Can Be Customized

- Add text/links/images into the main part of the front page
- Add a customized footer
- Make various stylesheet changes (color, font, size, etc.)
- Use jquery to change wording or hide certain areas

The Library Name

- The browser header (syspref LibraryName). The system adds “Catalog” after your entry.



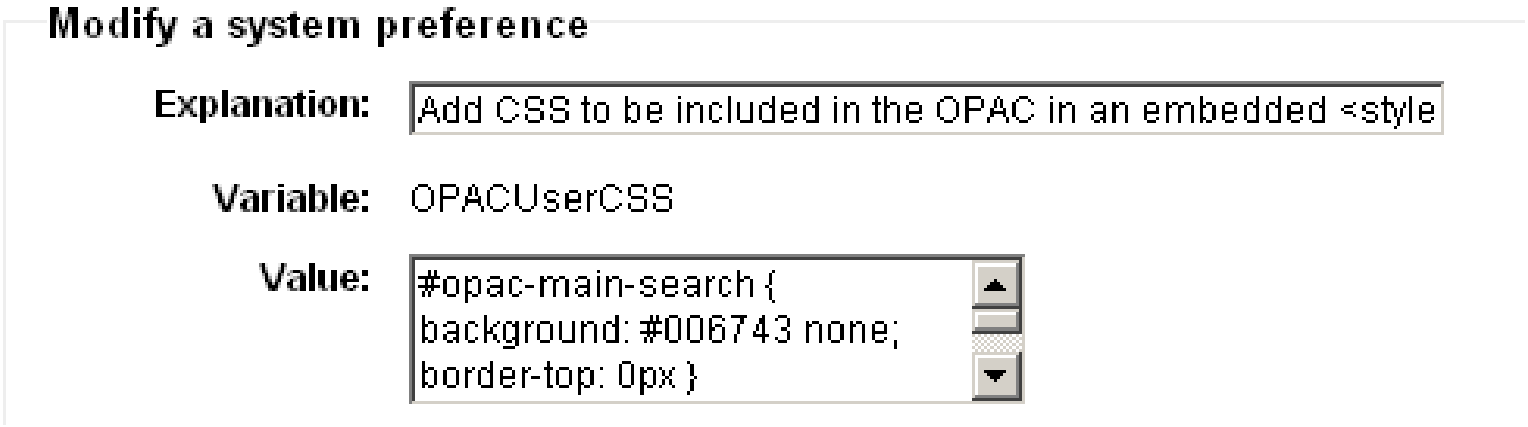
The OPAC Header

- The OPAC header area (syspref opacheader). Use for logo or text.

opacheader	Add HTML to be included as a custom header in the OPAC	

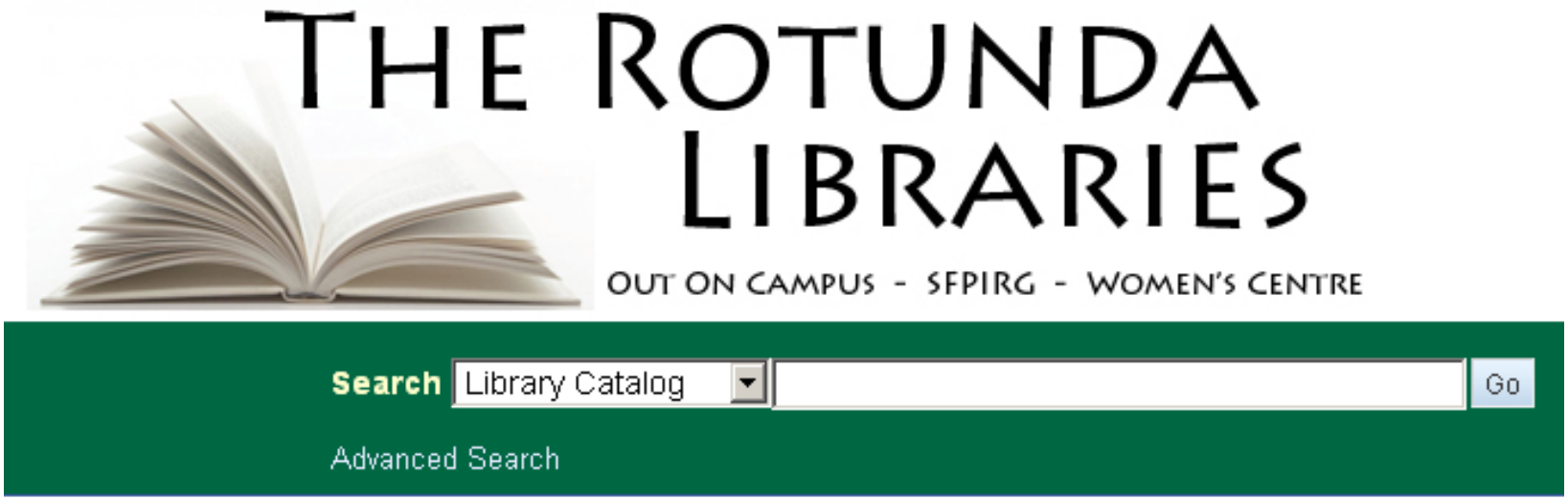
The OPAC header (con't)

- Use OPACUserCSS syspref to change the default Koha blue masthead (to match the image/logo color or the site's preferred color – need the hex code for the color):



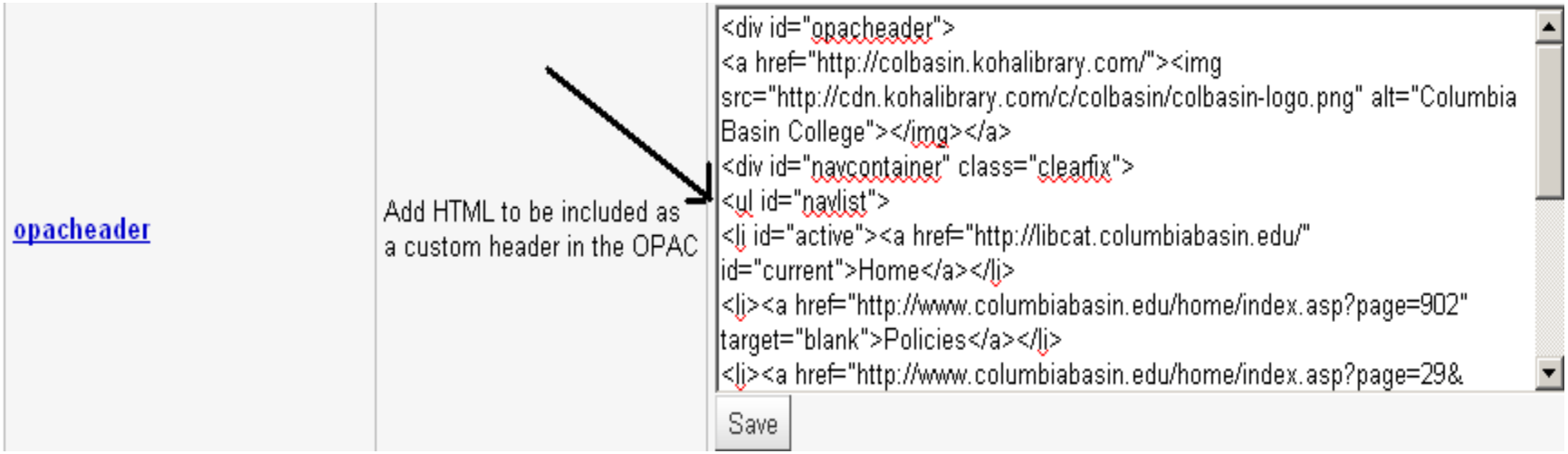
The OPAC Header (con't)

- This example's combination looks like:



The OPAC Header (con't)

- You can also add menus or other HTML code into the header, and control their appearance with stylesheet entries:

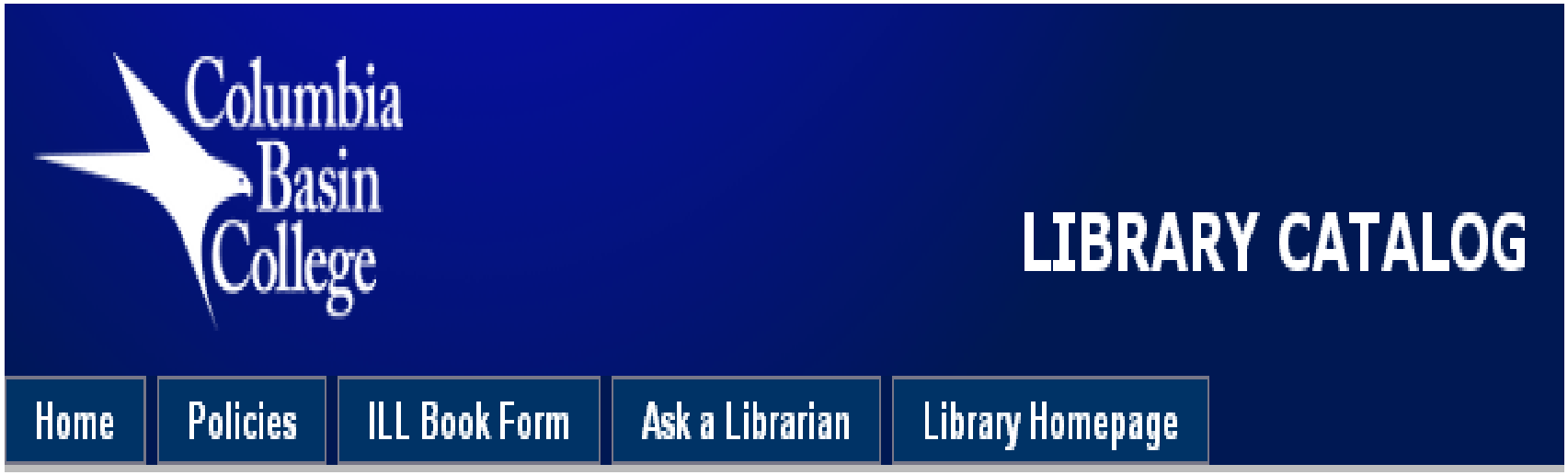


The OPAC Header (con't)

- Entry in OPACUserCSS for these menu links:

  #navcontainer ul { padding-left: 0; margin-left: 0; background-color:transparent; color: White; float: left; width: 100%; font-family: arial, helvetica, sans-serif; } #navcontainer ul li { display: inline; } #navcontainer ul li a { padding: .2em 1em; background-color: #036; color: White; text-decoration: none; float: left; margin: 0 5px 0 0; border-right: 1px solid #778; border-top: 1px solid #778; border-left: 1px solid #778; border-bottom: 1px solid #778; } #navcontainer ul li a:hover { background-color: #369; color: #fff; }

The OPAC Header (con't)



Masthead Image

- You can blank out the default Koha image in the masthead by setting the opacsmallimage syspref to a file that doesn't exist, like this:

  /opac-tmpl/prog/images/NoImage.png

- Or you can use an image of your own (recommended size is 120 wide x 40 tall pixels) and enter the path in the syspref:

  http://cdn.kohalibrary.com/c/wtls/TRUCAT.JPG

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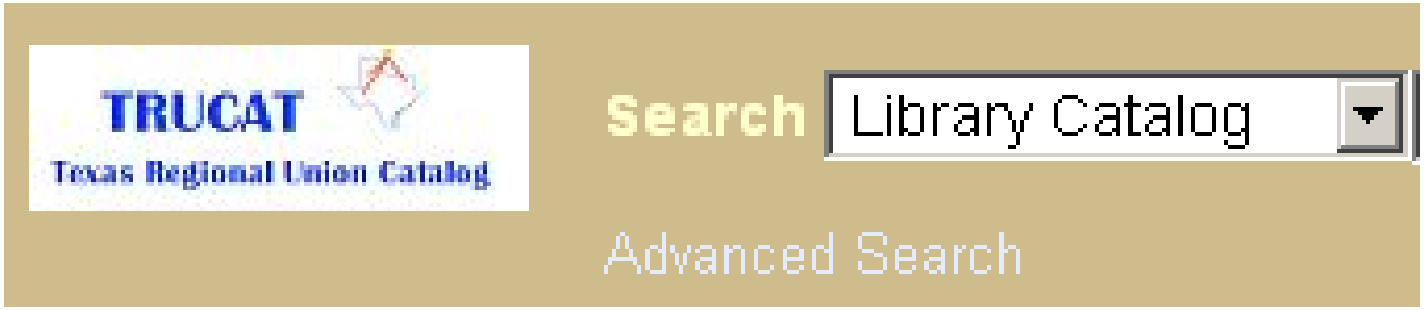
Custom Masthead Images



Left Sidebar (OpacNav)

- You can put HTML formatted text or links in the OpacNav syspref. This will show at the lefthand side of most pages in the OPAC.
- On patron account pages it will show above or below the sidebar links for those pages.
- I recommend adding target= “_blank” or target = “_new” into all URLs, to make links open in a new window.

Left Sidebar (con't)

OpacNav	Use HTML tags to add navigational links to the left-hand navigational bar in OPAC	Our Libraries : Columbia Basin College Library Columbia Basin Regional Medical Library Benton-Franklin County Law Library

Left Sidebar (con't)

Our Libraries :

Columbia Basin College Library

Columbia Basin Regional Medical Library

Benton-Franklin County Law Library

Left Sidebar (con't)

- Another example, using the sidebar for library hours:

OpacNav	Use HTML tags to add navigational links to the left-hand navigational bar in OPAC	Northeast Harbor Library Home Page Library Hours - Monday 9-5 - Tuesday 9-5 - Wednesday 9-7 - Thursday 9-5 - Friday 9-5 - Saturday 9-1 Save

Left Sidebar (con't)

- There was also an OPACUserCSS entry to change the font and color:

Main Page Text

- Use the OpacMainUserBlock for text/images/links that will display only on the main page of the OPAC.
- This can be a simple “Welcome to the library” or a more complex page with forms and gadgets – whatever you can do in HTML.

Main Page Text (con't)

Welcome to the new Columbia Basin College Library Catalog

Quick Links

- New Books by Date | New Books by Subject
- Books on Display
- Videos for Loan | New Videos (published after 2007)
- CBC Journal Finder

Search Tips & Tutorials

- Type what words you know from the title, author and subject.
- You can limit your results by using the search drop-down list.
- Use the Advanced Search to further limit your results.
- Tutorial 1: Quick Tour (4:26 minutes)
- Tutorial 2: Simple Keyword Search (4:39 minutes)
- Tutorial 3: My Account (5 min) and Place Hold (2 min)
- Tutorial 4: Subject Search (4 min) and Browse Shelf (1.5 min)

Ask a Librarian

Your Question/Message

To provide you with the best service we'll need your email address before chat begins.

Send

Chat Available

Syspref Code for Previous Page

Welcome to the new Columbia Basin College Library Catalog

<table><tr><td valign="top">
Quick Links <p />

New Books by Date | New Books by Subject

Books on Display

Videos for Loan | <a href="

http://bit.ly/i4bq6S">New Videos (published after 2007)

CBC Journal Finder
<hr />

Search Tips & Tutorials
Type what words you know from the title, author and subject.

You can limit your results by using the search drop-down list.

Use the Advanced Search to further limit your results.

Tutorial 1: Quick Tour (4:26 minutes)

Tutorial 2: Simple Keyword Search (4:39 minutes)

Tutorial 3: My Account (5 min) and Place Hold (2 min)

Tutorial 4: Subject Search (4 min) and Browse Shelf (1.5 min) </td>

<td VALIGN="top"><!-- Beginning of QuestionPoint qwidget code. --> <script id="qp.bootstrap" type="text/javascript" src="http://www.questionpoint.org/crs/js/qwidget/qp.bootstrap.js?langcode=1&instid=13192&skin=gray&size=standard" charset="utf-8">//<noscript>Please enable javascript to chat with librarians online</noscript></script></td></tr></table>

Main Page Text (con't)

- Another (simpler) example:

OpacMainUserBlock	A user-defined block of HTML in the main content area of the opac main page	Welcome to Northeast Harbor Library's online catalog If you do not know your user name call the library at 207-276-3333 to get a user name and password to log in. Once logged in, look at the My Personal Details tab in your account page, and make sure you have a valid email address in your record, so that you can receive library notices.

Main Page Text (con't)

Welcome to Northeast Harbor Library's online catalog

If you do not know your user name call the library at 207-276-3333 to get a user name and password to log in. Once logged in, look at the My Personal Details tab in your account page, and make sure you have a valid email address in your record, so that you can receive library notices.

Footer Area

- The opaccredits syspref can be used for text that should show at the bottom of every page.
- This is an ideal location for library address and contact information, or information about the library system.

Footer Area (con't)

opaccredits	Define HTML Credits at the bottom of the OPAC page	Columbia Basin College Library, 2600 North 20th Avenue, Pasco, WA 99301 509-542-4887 | FAX 509-546-0401 | library@columbiabasin.edu

Columbia Basin College Library, 2600 North 20th Avenue, Pasco, WA 99301
509-542-4887 | FAX 509-546-0401 | library@columbiabasin.edu

Footer Area (con't)

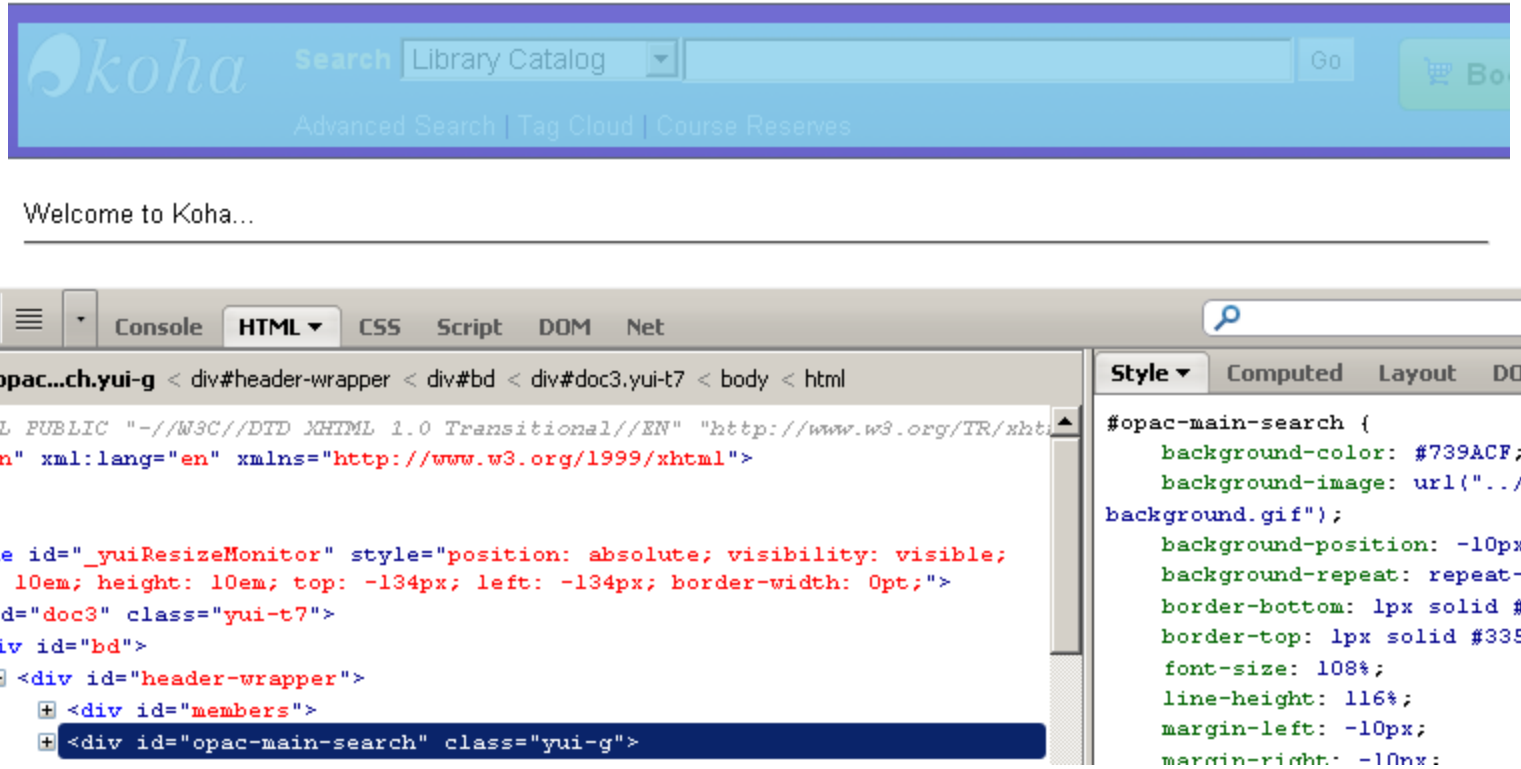
opaccredits	Define HTML Credits at the bottom of the OPAC page	This website is funded in part by the Texas State Library and Archives Commission and the Institute for Museum and Library Services under a provision of the Library Services and Technology Act.

Stylesheet entry of: #ft {font-size : 88%; text-align :center; font-style : italic; }

Style Changes -- Identifying What to Change

- Firefox plugin Firebug lets you look at a section of the page and identify the label and style settings.
- Right-click the area, choose Inspect Element, and look at the bottom part of the screen.
- You can make temporary changes in the Firebug screen (altering color, height, font, etc.) to see how it looks.
- Example Firebug screen on next slide.

Firebug – Masthead Highlighted



Look for IDs or Labels

- The HTML code for the masthead area is

- The default stylesheet entry in the controlling opac.css file is

  #opac-main-search { background-image : url(../../images/menu-background.gif); background-repeat : repeat-x; background-color : #739ACF; background-position : -10px top; border-top : 1px solid #335599; border-bottom : 1px solid #335599; margin-left : -10px; margin-right : -10px; padding : .7em 0 .4em .5em; font-size : 108%; line-height : 116%; }

Changing the Masthead Style

- To change color and remove the top border line, but leave the rest of the default settings alone, you could add this style change in OPACUserCSS:

```
#opac-main-search { background: #bdbdbd; border-top:none }
```

Style Changes – Single Site

- If you only have a few simple changes, you can make them in the OPACUserCSS syspref, as shown in previous examples.
- If you want to make a lot of stylesheet changes, you can copy the delivered opac.css file and adapt it.
- You can either revise it completely, or strip it down to just the settings you want to change.

Single Site (con't)

- To completely replace the delivered opac.css, enter the location for the new stylesheet in the opacstylesheet syspref.
- To make only specified changes but otherwise use default settings, enter the location for your auxiliary stylesheet in the opaccolorstylesheet syspref.
- Both sysprefs can take a complete URL, for a stylesheet stored on another server.

Stylesheet Precedence

- The system first applies the settings in the opac.css file (or in the file you've specified in the opacstylesheet syspref).
- If you've specified an auxiliary stylesheet in the opaccolorstylesheet syspref, that overrides the opac.css settings.
- If you've entered changes in the OPACUserCSS syspref, that overrides everything.

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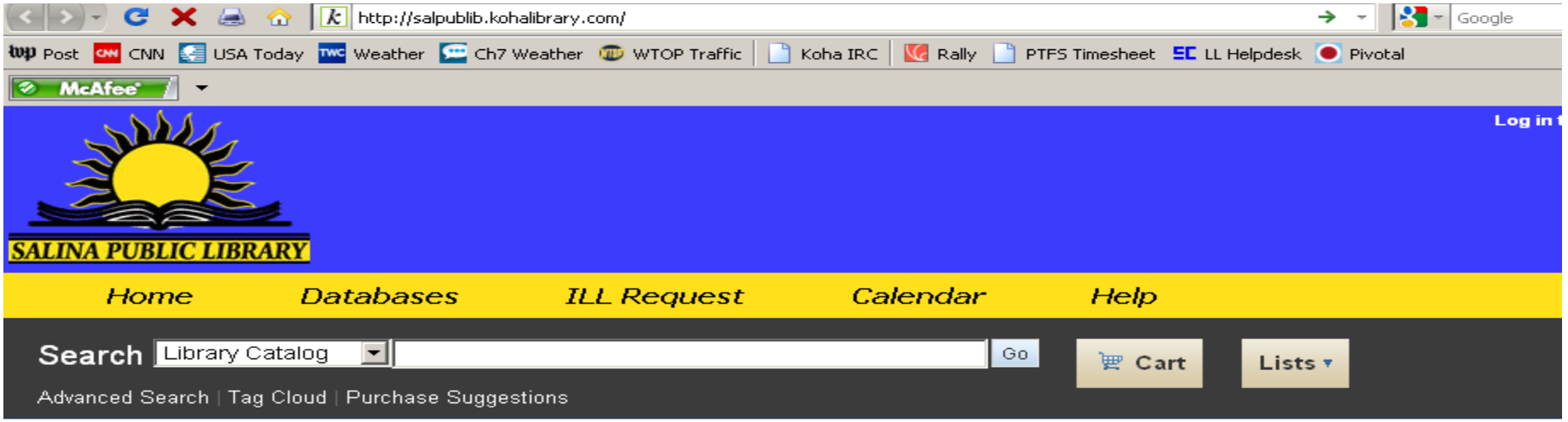
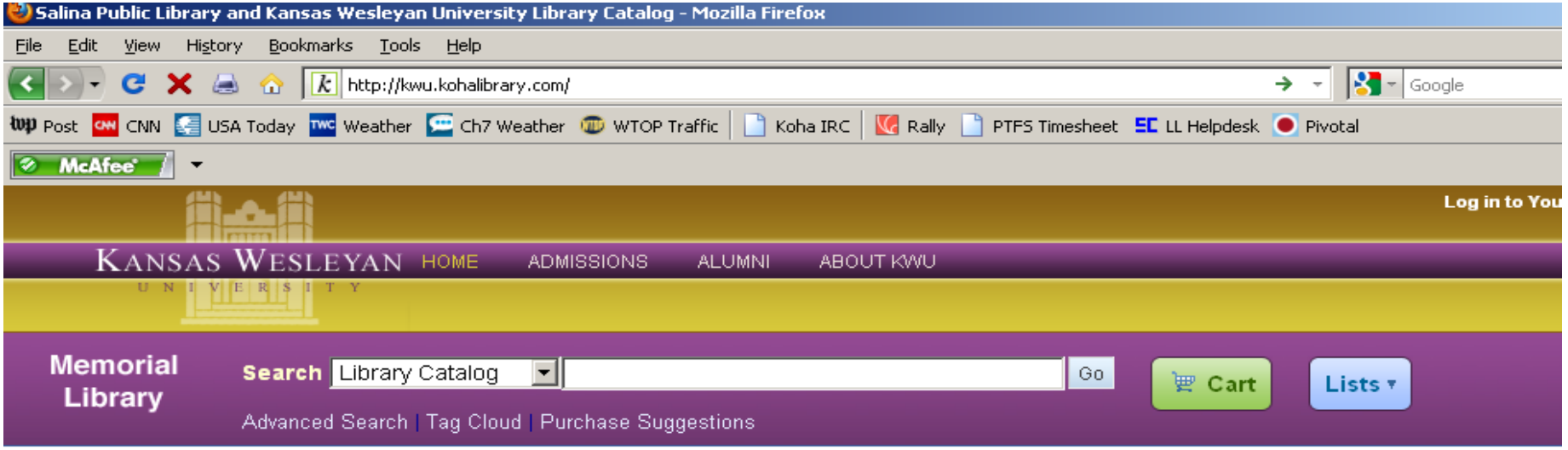
Customizations for Multiple URL Sites

- Multiple URLs are configured in the apache virtual hosts file. This entry can specify a stylesheet and a default search setting (usually one or more branchcodes; other settings are possible like shelving locations):

SetEnvIf Host "salpublib.kohalibrary.com" OPAC_SEARCH_LIMIT=branch:SPL OPAC_LIMIT_OVERRIDE OPAC_CSS_OVERRIDE=opac-salina.css

SetEnvIf Host "kwu.kohalibrary.com" OPAC_SEARCH_LIMIT=branch:KWU OPAC_LIMIT_OVERRIDE OPAC_CSS_OVERRIDE=opac-kw.css


http://salpublib.kohalibrary.com/
Google
Post
CNN
USA Today
Weather
Ch7 Weather
WTOP Traffic
Koha IRC
Rally
PTFS Timesheet
LL Helpdesk
Pivotal
McAfee
Log in t
SALINA PUBLIC LIBRARY
Home
Databases
ILL Request
Calendar
Help
Search
Library Catalog
Go
Cart
Lists
Advanced Search | Tag Cloud | Purchase Suggestions


Salina Public Library and Kansas Wesleyan University Library Catalog - Mozilla Firefox
File
Edit
View
History
Bookmarks
Tools
Help
http://kwu.kohalibrary.com/
Google
Post
CNN
USA Today
Weather
Ch7 Weather
WTOP Traffic
Koha IRC
Rally
PTFS Timesheet
LL Helpdesk
Pivotal
McAfee
Log in to You
KANSAS WESLEYAN UNIVERSITY
HOME
ADMISSIONS
ALUMNI
ABOUT KWU
Memorial Library
Search
Library Catalog
Go
Cart
Lists
Advanced Search | Tag Cloud | Purchase Suggestions

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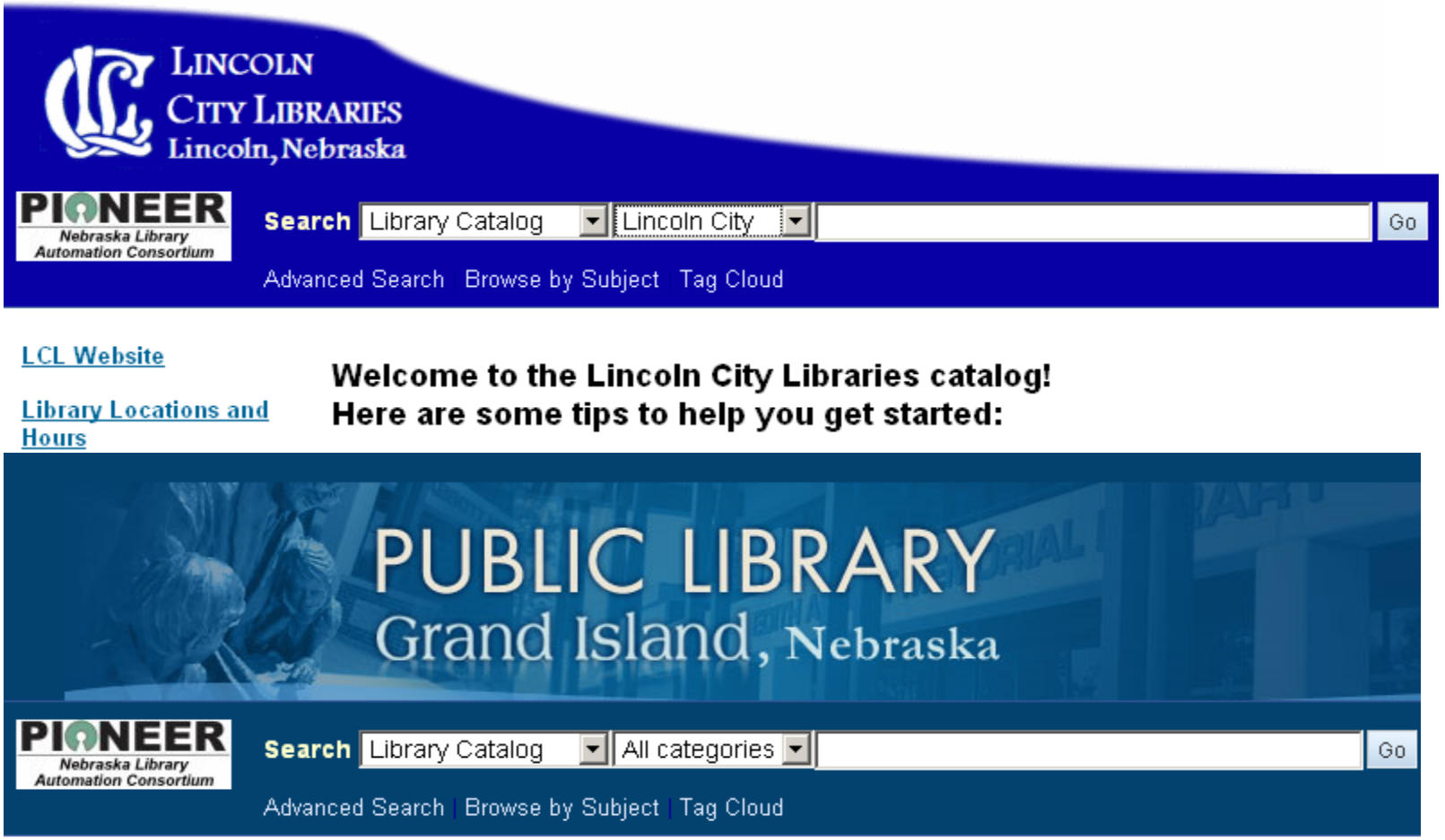

Multiple URL Sites (con't)

- In current code, the stylesheet must live on the Koha server (under kohaclone/koha-tmpl/opac-tmpl/prog/en/css).
- Do not use opacstylesheet or opaccolorstylesheet sysprefs for external stylesheets – handle in apache.
- Multiple URL sites must use an auxiliary stylesheet – no settings in OPACUserCSS syspref unless they're meant to apply to all interfaces.

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Multiple URL Sites (con't)

- LibLime's newer code allows for stylesheets to be stored remotely with this syntax:

  SetEnvIf Host "grandisland.pioneer.kohalibrary.com" OPAC_SEARCH_LIMIT=branch:EA OPAC_CSS_EXTERNAL=http://cdn.kohalibrary.com/c/pioneer/opac-pioneer-grandisland.css

- We are developing code to remove stylesheet settings from the apache setup and let it be handled through the Koha configuration.

Multiple URL Sites (con't)

- Entries in all the text sysprefs must use unique identifiers:

opacheader	Add HTML to be included as a custom header in the OPAC	 <img src="http://cdn.kohalibrary.com/c/wtls/kendrick.jpg" alt="Kendrick Memorial Library"></img> <img src="http://cdn.kohalibrary.com/c/wtls/HC-bigspring.jpg" alt="Howard College -- Big Spring Anthony Hunt Library"></img>

Multiple URL Sites (con't)

- Use a controlling stylesheet for the entire site that hides all of the entries, and has any settings common to all.
- Use individual stylesheets that import the controlling stylesheet and then turn on display for only that site's entries.
- The individual stylesheets can also changes colors, fonts, etc. as desired.

Beginning of Controlling Stylesheet

```
#navcommon { font-size:85%; }
#parindent { text-indent: 1em; }
#ft {font-size : 88%; text-align :center; font-style : italic; }

#logo_leftkendrick { display: none; }
#opacheaderkendrick { display: none; }
#navkendrick { display: none; }
#kendrickmain { display: none; }

#logo_leftHC-bigspring { display: none; }
#opacheaderHC-bigspring { display: none; }
#navHC-bigspring { display: none; }
#HC-bigspringmain { display: none; }
```

(continues with entries for all branches)

Site-Specific Stylesheet

```
@import url("http://cdn.kohalibrary.com/c/wtls/opac-wtls-blank.css");

#logo_leftkendrick { display: block; FLOAT: left; POSITION: relative; PADDING-
    LEFT: 5px; PADDING-TOP: 0px; }
#opacheaderkendrick { display: block; height: 140px; margin-bottom: 0px;
    margin-left: -10px; margin-right: -10px; }
#navkendrick { display: block; font-size:85%; }
#kendrickmain { display: block;}
#opac-main-search { background: #428F4B none; }
```

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Kendrick Memorial Library

TRUCAT
Texas Regional Union Catalog

Search Library Catalog Go Cart Lists

Advanced Search

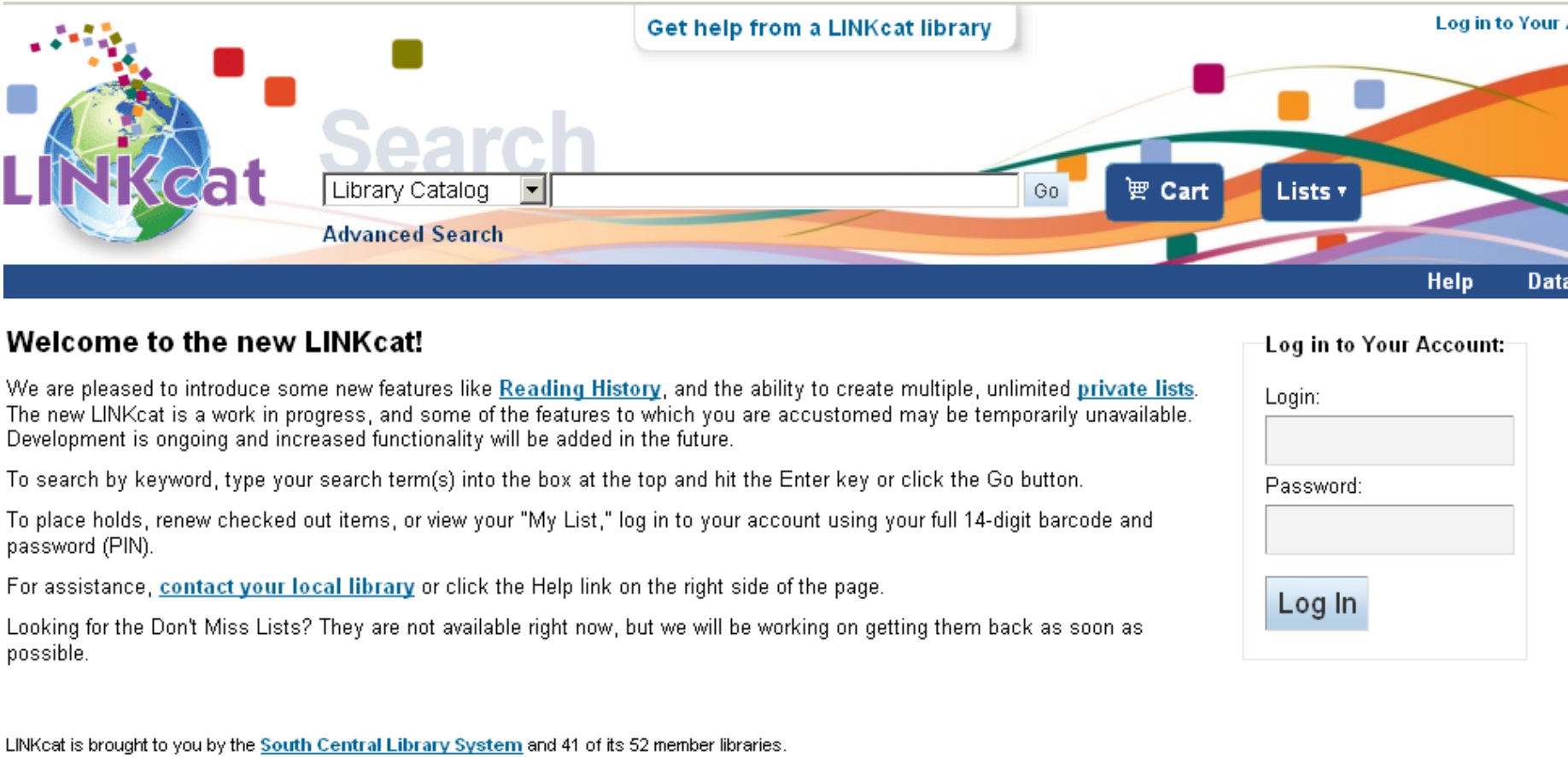
Howard College
Big Spring • Lamesa • San Angelo • SWCID

Big Spring Anthony Hunt Library

TRUCAT
Texas Regional Union Catalog

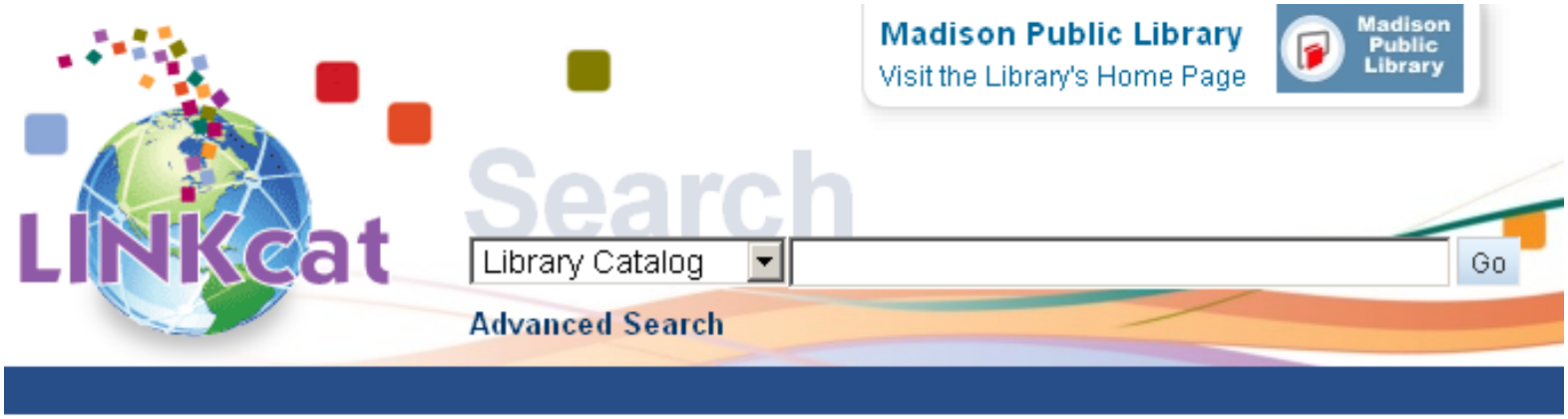
Search Library Catalog Go Cart Lists

Advanced Search


Get help from a LINKcat library
Log in to Your
LINKcat
Search
Library Catalog
Go
Cart
Lists
Advanced Search
Help
Welcome to the new LINKcat!
We are pleased to introduce some new features like Reading History, and the ability to create multiple, unlimited private lists. The new LINKcat is a work in progress, and some of the features to which you are accustomed may be temporarily unavailable. Development is ongoing and increased functionality will be added in the future.
To search by keyword, type your search term(s) into the box at the top and hit the Enter key or click the Go button.
To place holds, renew checked out items, or view your "My List," log in to your account using your full 14-digit barcode and password (PIN).
For assistance, contact your local library or click the Help link on the right side of the page.
Looking for the Don't Miss Lists? They are not available right now, but we will be working on getting them back as soon as possible.
Log in to Your Account:
Login:
Password:
Log In
LINKcat is brought to you by the South Central Library System and 41 of its 52 member libraries.

Multiple URL Sites (con't)

- What can be done by really good web developers:



Multiple URL Sites (con't)

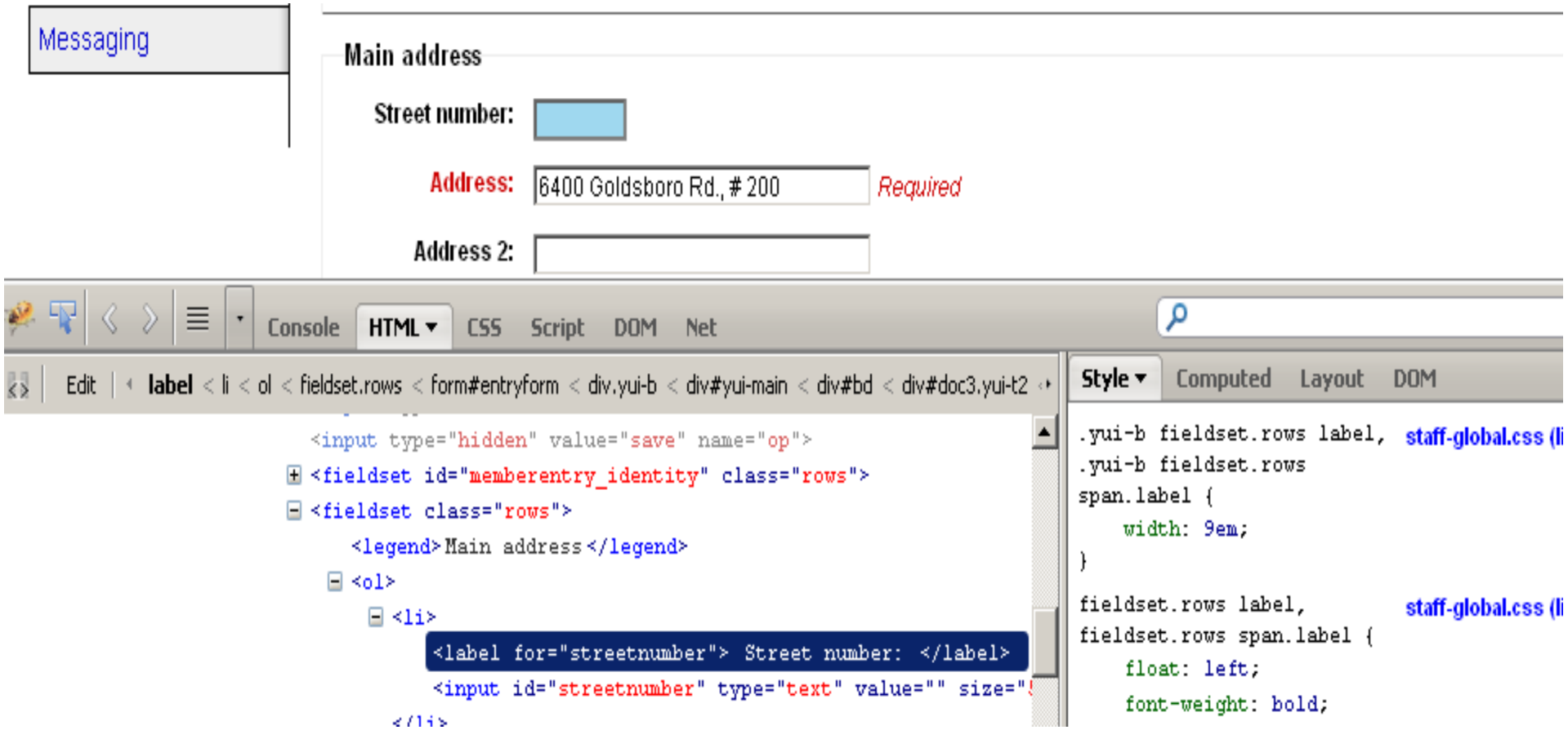
- Enter IDs and site-specific text in any/all of the text sysprefs as desired; control display with stylesheet settings (display: none or display: block)
- Usually you'll want to change at least opacheader, OpacNav, and OpacMainUserBlock.
- You can keep a similar theme/look across sites, or go with very different looks.
- You can have a common block of text on all sites.

Jquery Changes

- Jquery is a JavaScript library that allows some customization of OPAC and staff interfaces.
- You can change wording or hide sections if desired.
- It depends on how the underlying page is coded.
- Changes are system-wide; you can't restrict to one interface of a multiple-URL system.

Jquery Changes (con't)

- OPAC changes are done in the opacuserjs syspref; staff changes are done in the intranetuserjs syspref.
- Use Firebug to identify labels or identifiers
- Use jquery code to rename or hide the area.
- If the underlying template doesn't have a unique identifier, it can be difficult or impossible to affect that area of the page with jquery.


Messaging
Main address
Street number:
Address:
6400 Goldsboro Rd., # 200
Required
Address 2:
Console
HTML
CSS
Script
DOM
Net
Edit
label < li < ol < fieldset.rows < form#entryform < div.yui-b < div#yui-main < div#bd < div#doc3.yui-t2
<input type="hidden" value="save" name="op">
<fieldset id="memberentry_identity" class="rows">
<fieldset class="rows">
<legend>Main address</legend>

<label for="streetnumber"> Street number: </label>
<input id="streetnumber" type="text" value="" size="
Style
Computed
Layout
DOM
.yui-b fieldset.rows label,
.yui-b fieldset.rows
span.label {
width: 9em;
}
staff-global.css (li
fieldset.rows label,
fieldset.rows span.label {
float: left;
font-weight: bold;
staff-global.css (li

Jquery Changes (con't)

- To hide Street number label and field in staff patron edit screen, enter this in the intranetuserjs syspref:

```
$(document).ready(function(){
$("#entryform #streetnumber").parent().remove();
});
```

Jquery Changes (con't)

- The syspref entries must start with

  $(document).ready(function(){
- And end with

  });
- You can have multiple commands between those lines.

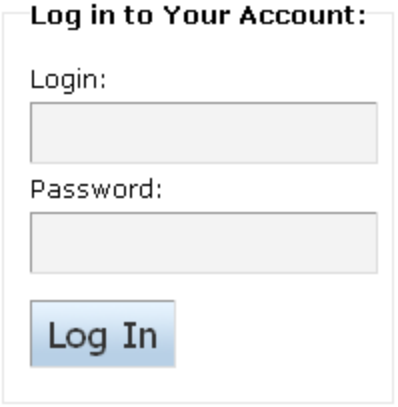
Jquery Changes (con't)

intranetuserjs	Custom javascript for inclusion in Intranet	$(document).ready(function(){ $("label[for='sort1']").html("Institution:"); $("div.rows span.label:contains('Sort field 1:')").replaceWith("\<span class='label'\>Institution: \</span\>"); $("label[for='email']").html("\<font color \= \#FF0000\>Email REQUIRED:\ \</color\>"); $("#entryform #streetnumber").parent().remove(); $("#entryform #memberentry_altaddress").remove(); $("#entryform #memberentry_address").remove(); $("#entryform #memberentry_patron_attributes").remove(); }); Save

Jquery Changes (con't)

- In opacuserjs syspref, this code will hide the login box on the main OPAC screen:

```
$(document).ready(function(){
$('#login').hide();
});
```



Resources: Jquery

- http://jquery.com -- the main jquery site (resources, tutorials, documentation).
- http://www.noupe.com/jquery/50-amazing-jquery-examples-part1.html -- jquery examples.
- http://webdesignerwall.com/tutorials/jquery-tutorials-for-designers -- jquery tutorials.
- http://www.learningjquery.com/2006/11/documentation-and-support-resources-for-jquery -- documentation and resources for jquery.
- http://wiki.koha-community.org/wiki/JQuery_Library -- community library of useful jquery statements.

Resources: HTML and CSS

- http://www.ampsoft.net/webdesign-l/WindowsMacFonts.html -- list of all fonts common to Windows and Macs (browser-safe fonts).
- http://web.mit.edu/jmorzins/www/fonts.html -- a writeup describing the safest fonts to use in web sites.
- http://www.w3schools.com/html/default.asp -- HTML tutorial site.
- http://webdesign.about.com/od/xhtml/u/htmlcssxml.htm -- Learn HTML / CSS / XML reference site.
- http://xhtml.com/en/css/reference/ -- CSS reference site.

Resources: Matching Colors

- http://www.colr.org/ -- either upload an image file or point to a URL for an image, then click on an area in the image to get the exact hex code used.
- http://www.degraeve.com/color-palette/ -- point to a URL for an image; shows the hex codes for all the colors in that image.
- http://w3schools.com/tags/ref_colorpicker.asp -- click on various colors in the scale and get the hex code.
- http://www.hextractor.com/ -- paste a .css fragment (or read a complete stylesheet) and see all the color settings in it.

Resources: Firefox Plugins

- https://addons.mozilla.org/en-US/firefox/addon/firebug -- Firebug allows you to inspect HTML and style settings for any part of a web page.
- https://addons.mozilla.org/en-US/firefox/addon/html-validator -- HTML Validator checks for errors in HTML on any web page.
- https://addons.mozilla.org/en-US/firefox/addon/colorzilla -- ColorZilla can select a point in a page or image and give you the hex code for the color.

Resources: Koha-Specific

- http://www.myacpl.org/koha/?p=160 -- Owen Leonard's KohaCon 2009 presentation on OPAC customizations.
- http://www.myacpl.org/koha -- Owen Leonard's blog with multiple posts on customizating OPAC and staff interfaces.
- http://wiki.koha-community.org/wiki/Support_for_multiple_PAC_interfaces_by_URL_RFC -- RFC on configuring apache for multiple URLs (our implementation has gone beyond this in many ways).

Resources: Koha-Specific (con't)

- http://bugs.koha-community.org/bugzilla3/show_bug.cgi?id=3244 -- Bug 3244 initial support for multiple OPACs for libraries sharing a single Koha database (original Koha patch; usage examples)
- http://bugs.koha-community.org/bugzilla3/show_bug.cgi?id=4394 -- Bug 4394 opaccolorstylesheet syspref won't allow an external URL (Koha patch to allow remote storage of auxiliary stylesheet)

Questions?

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