



Voyager 7 Tomcat WebVoyage Interface for Dummies

**or: What will it take to customize
our new user interface and remain
sane?**

Who am I?

- Laura Guy
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- Systems Librarian at the Colorado School of Mines
- Working with Voyager for eleven years.
- Working with Tomcat since early 2008.
- *NOT* a programmer!



Agenda

- Tomcat Overview
- Cascading Style Sheets
- XML/XSL
- `webvoyage.properties`
- Quick Changes
- Resources & Tools
- Patches & Upgrades
- Why Tomcat?



Tomcat Overview

- Different toolsets (CSS, XML, XSL, JavaScript).
- Content is dynamically generated.
- Information from the Voyager database (and other sources like Google or Amazon) is combined with formatting properties of CSS, etc. to render displays.
- myAccount page = myAccount.xsl + cl_myAccount.xsl + myAccountLinks.xsl + myAccount.css + stdImports.xsl (and others!)

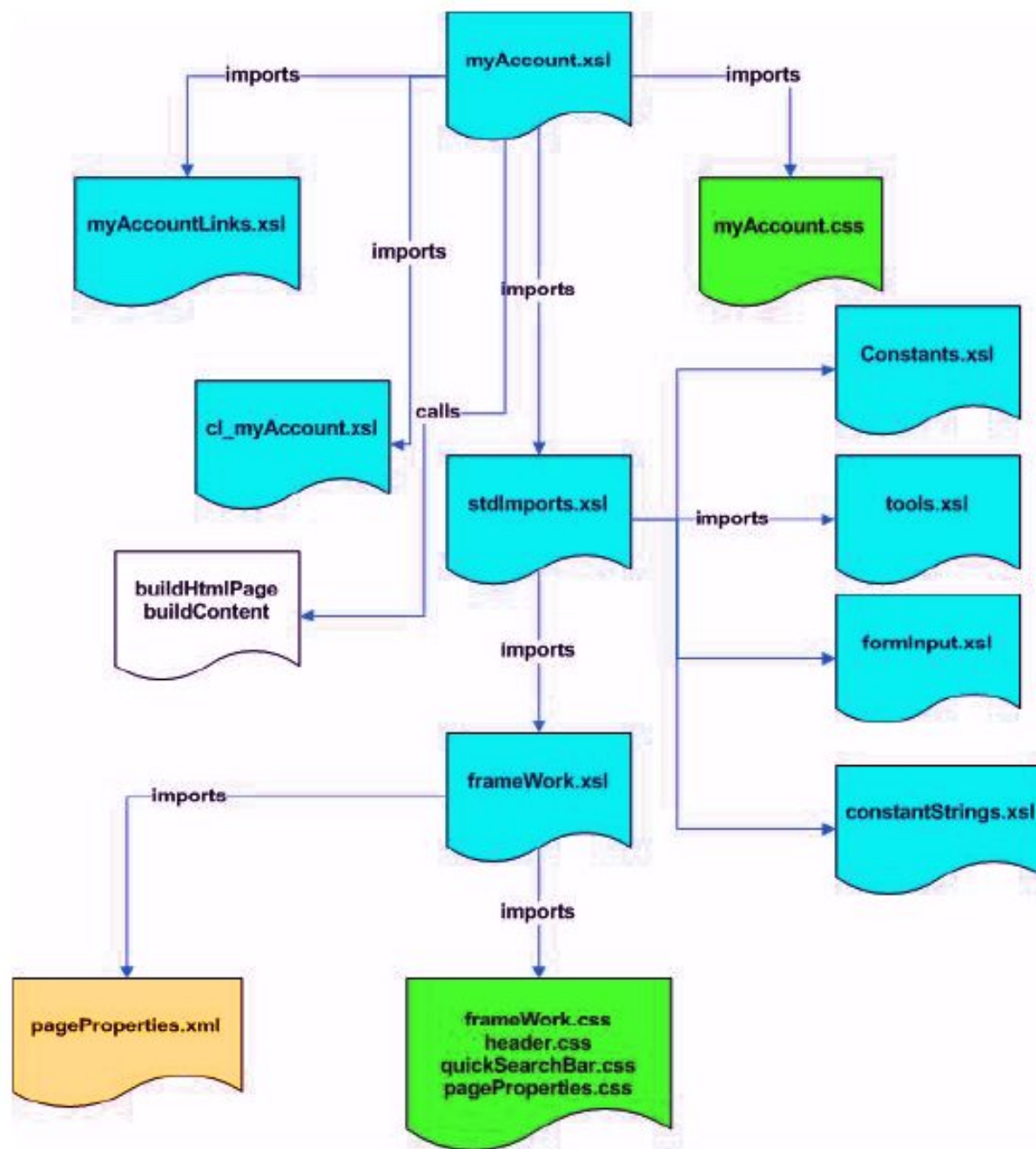


Figure 2-2. Flowchart example for myAccount page



Out of the Box

- Tomcat “out of the box” is designed to be quite functional.
- Various searches are preconfigured (basic, advanced, subject, author).
- Default functions (limits, sorting) are working.
- Format icons in results list.
- Google books embedded in record display “Action Box.”

Tomcat "Out of the Box"

The screenshot shows a Windows Internet Explorer browser window with the following elements:

- Address Bar:** `http://catalyst.coalliance.org/vwebv/searchBasic?sk=exl_default`
- Search Bar:** A search input field with a Google logo on the left and a search button on the right.
- Navigation:** A menu with "Search", "My Searches", "My List", and "My Account".
- Page Header:** "ExLibris Voyager" logo and a "Log in to your account" link.
- Section Header:** "Basic Search"
- Database:** "Database: My Library Catalog"
- Search Options:** A row of buttons for "Basic", "Advanced", "Subject", "Author", and "Course Reserve".
- Search Form:** A search input field with a "within" dropdown menu set to "All Fields". Below it are "Limit To:" (set to "All Material") and "Records per page:" (set to "10 records per page") dropdowns. A "Search" button is on the right.
- Search Tips:** A line of text providing search syntax examples: "Search Tips: enter words relating to your topic, use quotes to search phrases: **"world wide web"**, use + to mark essential terms: **+explorer**, use * to mark important terms: ***internet**, use ? to truncate: **browser?**
- Footer:** "Your Library Name Here" and "©2007 Ex Libris Group. All rights reserved."

Tomcat "Out of the Box"

The screenshot shows a Windows Internet Explorer browser window with the following details:

- Address Bar:** http://catalyst.coalliance.org/vwebv/searchResults?searchId=2&recPointer=10&sortBy=PUB_DATE_DESC
- Search Bar:** Google
- Page Title:** WebVoyage Titles
- Content:**
 - Titles**
 - Database: My Library Catalog
 - 31 results found
 - Title(astronomy) (Date=2006-)
 - Buttons: Edit Search, Save Search
 - Navigation: Prev 1 2 3 4 Next
 - Actions: Print, Export, Add to List, Select Page All
 - Sort By: Publication Date Descending
 - Filter Your Search:
 - remove filter: 2006 And After
 - add filter: Videos
 - add filter: English language materials
 - Results:
 - 11 [Special and general relativity : with applications to white dwarfs, neutron stars and black holes / Norman K. Glendenning.](#)
Glendenning, Norman K.
2007
QC173.6 .G55 2007
available, Book Stacks (Floors 2, 2M & 3)
 - 12 [Invisible Universe \[electronic resource\] : The Story of Radio Astronomy / by Gerrit Verschuur.](#)
Verschuur, Gerrit.
2007
No call number
available, Internet Access
 - 13 [Understanding the universe \[videorecording\] : an introduction to astronomy / \[taught by\] Alex Filippenko.](#)
Filippenko, Alexei V.
2007
QB43.3 .F55 2007
multiple items available, Media Collection (Floor 2)
 - 14 [Buyer's and User's Guide to Astronomical Telescopes & Binoculars \[electronic resource\] / by James Mullaney.](#)
Mullaney, James.
2007
No call number
available, Internet Access

Tomcat "Out of the Box"

The screenshot shows a Windows Internet Explorer browser window with the address bar containing the URL: <http://catalyst.coalliance.org/vwebv/holdingsInfo?searchId=2&recCount=10&recPointer=10&bibId=476456>. The browser's menu bar includes File, Edit, View, Favorites, Tools, and Help. The toolbar contains various icons for search, bookmarks, and navigation. The page header features the ExLibris Voyager logo and navigation buttons for Search, My Searches, My List, and My Account. A search bar is present with a "Go" button and a "Search History" link. The main content area displays a list of search results, with the first result selected. The result details are as follows:

Special and general relativity : with applications to white dwarfs, neutron stars and black holes /

Title: Special and general relativity : with applications to white dwarfs, neutron stars and black holes / Norman K. Glendenning.

Author: [Glendenning, Norman K.](#)

Publisher: New York : Springer, c2007.

ISBN: 0387471065 (hbk.)
9780387471068 (hbk.)

Format: Book

Subjects: [General relativity \(Physics\)](#)
[Special relativity \(Physics\)](#)
[White dwarf stars.](#)
[Neutron stars.](#)
[Black holes \(Astronomy\)](#)

Held at: [Local Database](#)

Holdings Information

Location: Book Stacks (Floors 2, 2M & 3)

Call Number: QC173.6 .G55 2007

Number of Items: 1

Status: Not Charged
[Back to library list](#)

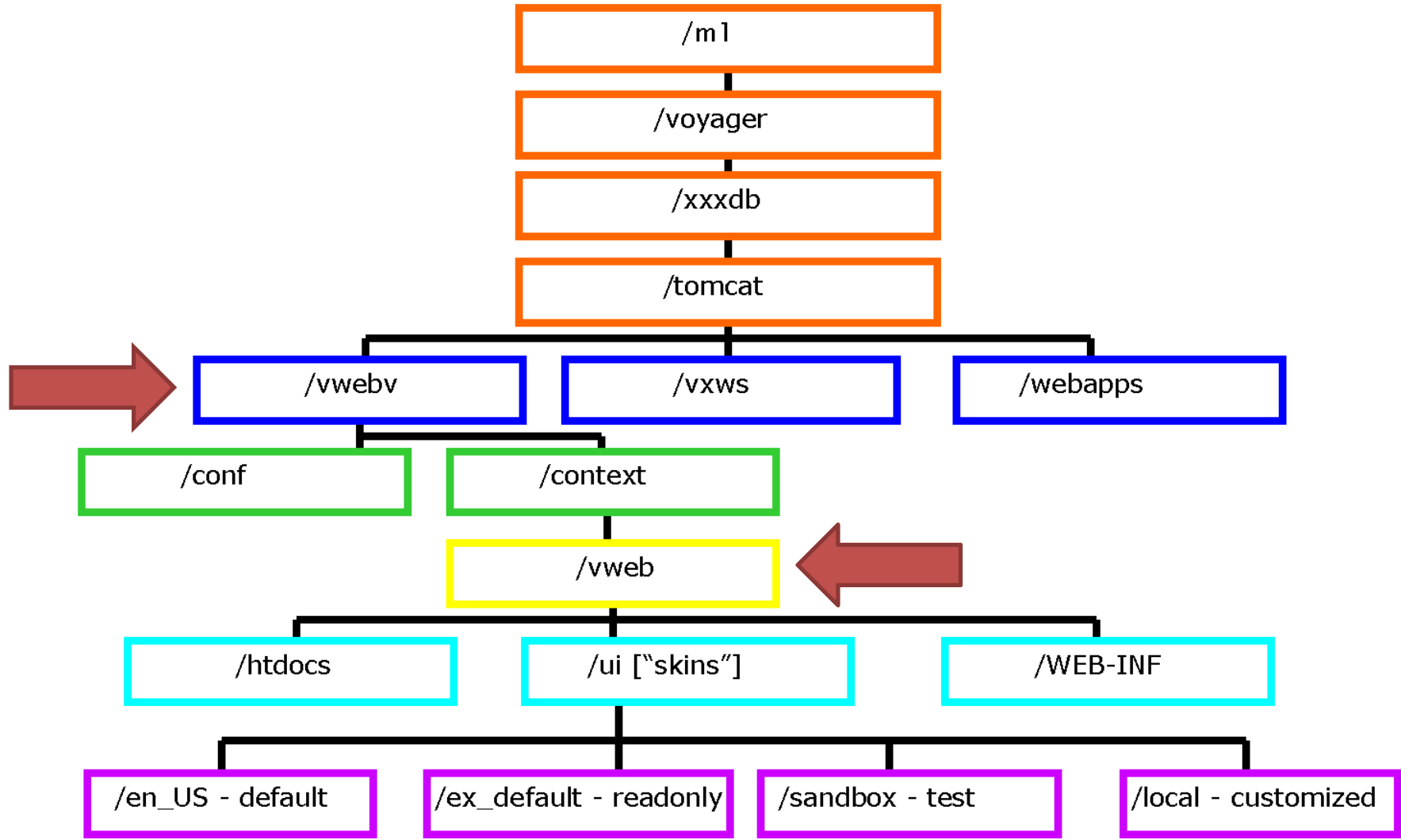
Navigation controls include "Titles", "Prev 11 of 31", and "Next". A sidebar on the right provides options for "Record View" (Staff View), "Actions" (Make a Request, Print, Export, Add to My List), "More About This Item From", and "Google Books" (Limited Preview "About This Book"). The status bar at the bottom shows "Internet" and "100%" zoom.

Out of the Box

- As we've seen it is pretty functional.
- There are a few things you'll probably want to change right away and we'll talk about those later.
- Meantime, in order to make changes you must understand Tomcat and how *it* works.
- Here the Architecture manual comes in very handy. Read it! Really!!



Tomcat Organization





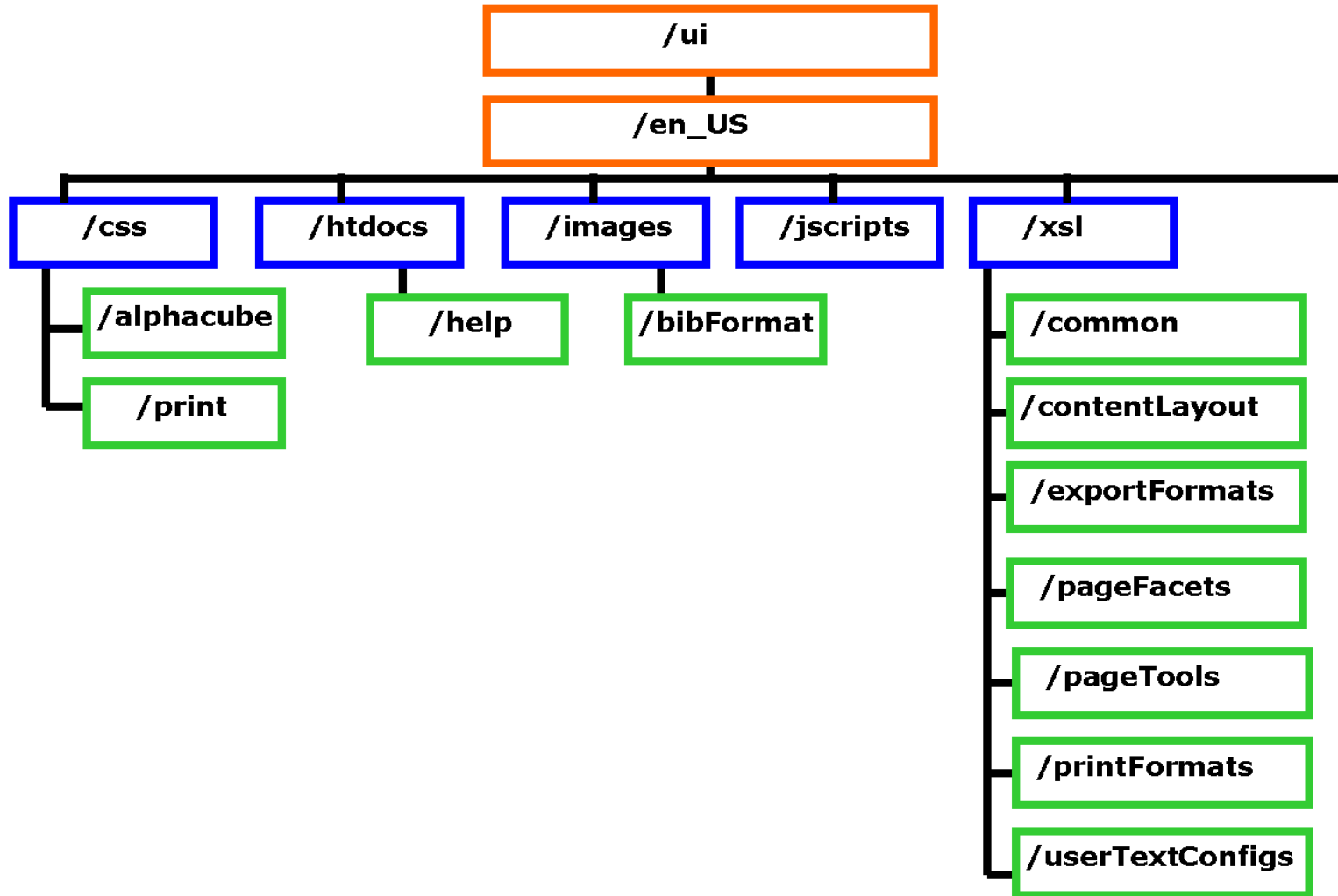
Skins

- A skin is a user interface's appearance.
- In the U.S. the default skin is /en_US.
- /exl_default is the ('read-only') skin. Never mess with it (note it is not really read-only!).
- To make a new skin:

```
cd /m1/voyager/xxxdb/tomcat/vwebv/context/vwebv/ui  
cp -pr en_US new_skin
```



/ui/en_US [“skin”] Organization





File Naming

- Recall the myAccount page example:
 - myAccount.xsl
 - myAccountLinks.xsl
 - cl_myAccount.xsl
 - myAccount.css
- (In reality over 12 files! css, xsl, xml, etc.)
- Naming is used to show relationships between files that build the HTML (header, footer, main content).



Cascading Style Sheets

- CSS is used to describe the presentation of a document.
- Controls colors, fonts, layouts, etc.
- Processed hierarchically.
- Specified priorities allow one style sheet to override another style sheet.
- “Baseline defaults” used in combination with page-specific controls.

Main Navigation Bar

- [Search](#)
- [My Searches](#)
- [My List](#)
- [My Account](#)

Basic Search

Database:My Library Catalog

Search Tab Navigation Bar

- [Basic](#)
- [Advanced](#)
- [Subject](#)
- [Author](#)
- [Course Reserve](#)

[Search History](#)

Search: within

Limit To:

Records per page:

Search Tips: enter words relating to your topic, use quotes to search phrases: "world wide web", use + to mark essential terms: +explorer, use * to mark important terms: *internet, use ? to truncate: browser?



Important CSS Files

These are the “baseline defaults” and are used in almost every page:

- pageProperties.css
- quickSearch.css
- header.css
- frameWork.css



pageProperties.css

- Search tips font sizes and colors
- Instruction text font sizes and colors
- My Account instructions font sizes and colors
- Error text font sizes and colors
- Block messages font sizes and colors

Account Log In - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://catalyst.coalliance.org/vwebv/login

Most Visited Getting Started Latest Headlines

[Catalog](#)
[Arthur Lakes Library](#)
[Home](#)

[Search](#)
[My Searches](#)
[My List](#)
[My Account](#)
[Exit](#)

[Log in](#) to your account
 [Help](#)

Log In

Please enter your I.D. and Last Name, then click the **Log in** button. Contact the Circulation Desk for help at 303-273-3022.

Log in using my Institution I.D.

Id:

Last Name:

Log in

[Search](#)
[My Searches](#)
[My List](#)
[My Account](#)
[Help](#)
[Search Prospector](#)
[Find an Article Online](#)
[Look for Electronic Journals](#)
[Exit](#)

[Arthur Lakes Library](#)

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Inspect Edit **div.instructionText** < div.pageHTMLSnippet < div#mainContent < div#pageContainer < body.frameWorkUI < html

Console HTML CSS Script DOM Net Options -

```

<html lang="en_US" xmlns:page="http://www.exlibrisgroup.com/voyager/webvoyage/page" xmlns:fo="http://www.w3.org/1999/XSL/Format">
  <head>
    <div id="_firebugConsole" style="display: none;" FirebugVersion="1.3.3"/>
    <body class="frameWorkUI" onload="setFocus('page.logIn');timedMsg(10, 2, 'Your session will end in 2 minutes!')">
      <div id="pageContainer">
        <a href="#mainContent" accesskey="1"/>
        <a href="#searchnavbar" accesskey="2"/>
        <a href="#mainNav" accesskey="3"/>
        <div id="pageHeader">
        <div id="mainContent">
          <a name="mainContent"/>
          <h1 id="pageHeadingTitle">Log In</h1>
          <noscript> <h2 class="accessibilityHeader">Notice: This web application times out 10 minutes after loading a page.</h2> </noscript>
          <div class="pageHTMLSnippet">
            <div class="instructionText">
              <form action="login.do" method="post" accept-charset="UTF-8" name="selectDatabases" autocomplete="off">
            </div>
          </div>
        <div id="pageFooter">
        </div>
      </body>
    </html>
    
```

Options -

Style Layout DOM Options -

.instructionText {
 font-size: 1.75em;
 font-style: italic;
 }

Inherited from div#pageContainer

.frameWorkUI #pageContainer {
 text-align: left;
 }

Inherited from body.frameWorkUI

body {
 color: black;
 font-family: "Arial Unicode MS", Verdana, Arial, Helvetica, sans-serif;
 font-size: 16px;
 text-align: center;
 }

Done

quickSearchBar.css

- Color of bar
- Positions of elements within bar (form, button, search history image, labels, etc.)
- Font sizes and colors; text alignment and decoration



header.css

- Position of tabs, horizontal and vertical
- Space provided for header and footer
- Placement and organization of patron login and help links
- Font sizes and colors; alignment
- Default pointer for components in header
- Position and placement of logo image
- Library link and copyright details in footer

frameWork.css

- Every page uses it.
- Font sizes and colors; alignment
- Header size; position of components
- Footer size; position of components
- Hyperlink colors
- Border width and height
- Position of main content



Other Important CSS Files

- resultsFacets.css
- displayRecord.css
- myAccount.css
- highLight.css
- displayCommon.css



Changing CSS

- Some CSS changes are easy (for example, colors and other changes that don't alter the structure of the page).
- Other CSS changes are hard (like the ones that move elements such as search boxes around the page).
- All CSS changes require testing in various browsers and different display types.

CSS Resources

- CSS Zen Garden:
<http://www.csszengarden.com>
- Firebug home: <http://getfirebug.com> (more on this when I talk about tools)
- W3Schools CSS Tutorial:
<http://www.w3schools.com/css/default.asp>



XML/XSL

- XML (Extensible Markup Language): specifies document structure and like HTML before it, does markup.
- XSL (Extensible Stylesheet Language): takes input from other components, allows one to format or transform files encoded in the XML standard.





Important XSL Files

- displaycfg.xml
- displayHoldings.xml
- display.xsl
- pageProperties.xml
- frameWork.xsl
- limits.xml



displaycfg.xml

- Configure Bibliographic record display.
- Decide which MARC tags to include.
- Change labels that describe Bibliographic MARC fields.
- Change the display order of the MARC fields.
- Set up redirects.



displayHoldings.xml

- Configure Holdings/Items record display.
- Decide which MARC tags to include.
- Change labels that describe MFHD MARC fields and Item statuses.
- Change the display order of the MARC fields.
- Set up redirects.



display.xsl

- How the data in the displaycfg.xml and displayHoldings.xml files displays.
- Change how something looks or behaves on the record display page.



pageProperties.xml

- Change order of search tabs in header and footer
- Change order of buttons in Browse bar
- Edit search tips for each search page
- Provide instructions for various activities
- Modify labels for Bib format/description
- Edit hover text



frameWork.xsl

- Takes input from numerous components including xml, js and css files as well as templates.
- Generates the HTML output including a header, quick search, main content, and a footer.



limits.xml

- Identify the specific entries that are included on the Advanced Search page
- Relates to the different limit groups
 - format
 - status
 - type
 - language



Other Important xml Files

- emailcfg.xml
- emailBody.xsl
- printCommon.xsl
- briefRecordconfig.xml
- fullRecordconfig.xml
- 104X_config.xml



XML Resources

- W3Schools Online Web Tutorials (including tutorials on XML, XPath, and XSL):
<http://www.w3schools.com/>
- WebVoyage “Show XML” button in
.../[skin]/xsl/pageTools/frameWork.xsl
(change “false” to “true” to use for
troubleshooting)



webvoyage.properties

- Organized into three main sections:
 - Options (answer Y or N)
 - Connections (Remote Databases)
 - Page Customizations (the new OPAC.INI)
- Each section has stanzas.
- Huge, complicated, important...

Customizations Section

- Search codes
- Headers and footers
- Action Box
- Limit To
- Quick Search bar
- Enable email

Quick Changes

- Banner image
- Get rid of “start page”
- Page Footer
- Search Types on Basic Search Page
- Quick Limits
- Search Page Names and Tabs Text
- Enable Email, disable Holdings Jump Bar



But First a Word From Our Sponsor

- Back up your files!
- Comment your work!
- Make changes one at a time!
- Move changed files in one at a time!
- Keep previous versions of good files!
- TEST! TEST! TEST!



Banner Image

- Specified in `webvoyage.properties`.
- Don't change filename (`webVoyageLogo.jpg`).
- Easiest of you leave it the original size (175 pixel width by 35 pixel height).
- Create a transparent gif if you want it to work better with the default background.
- Default background is a `.png` file



Get Rid of Default Start Page

- Most sites do not want to use this.
- .../vwebv/context/vwebv/htdocs/index.html
- Change contents to (example!):

```
<script language="javascript">  
  window.location.href="http://catalyst.coalliance.org/vwebv/searchBasic?sk=en_US"  
</script>
```

Page Footer

- webvoyage.properties file
- Look for “Footer” section or stanza and customize:
 - `page.footer.library.linktext=Your Library Name Here`
 - `page.footer.library.link=http://your.librarylink.here`

Customize Basic Search Types

- `webvoyage.properties` file.
- Basic Search Codes stanza.
- Review the instructions there.
- Decide on your search types, what you want to call them, their order of display, and how they should behave.
- There are four lines per code.

Modify Search Codes

- Example (active):

page.search.basic.search.code.leftAnchorTitle=

page.search.basic.search.code.leftAnchorTitle.code=TALL

page.search.basic.search.code.leftAnchorTitle.order=5

page.search.basic.search.code.leftAnchorTitle.display=Title Browse (omit leading articles)

- Example (inactive):

#page.search.basic.search.code.titleKeyAnd=

#page.search.basic.search.code.titleKeyAnd.code=TKEY^

#page.search.basic.search.code.titleKeyAnd.order=10

#page.search.basic.search.code.titleKeyAnd.display=Title Keyword

Modify Quick Limits

- `webvoyage.properties` file.
- Limit To stanza.
- Used both in Basic Search and post-search filter.
- Decide what limits you want to use, their order, display name.
- Each entry has four lines.



Limit To Stanza

- Example:

page.search.limitTo.selected=none

page.search.limitTo.none=

page.search.limitTo.none.limit=none

page.search.limitTo.none.order=1

page.search.limitTo.none.text=All Material

#

page.search.limitTo.Archive=

page.search.limitTo.Archive.limit=LOCA=Archive

page.search.limitTo.Archive.order=2

page.search.limitTo.Archive.text=Archive

Enable Email

- `webvoyage.properties` file.

- “Action Box” text:

`actionBox.actions.email.linkText=E-mail`

- Search Results bar:

`page.searchResults.browseBar.email.button=E-mail`

`page.searchResults.browseBar.email.button.message=E-mail the search results`

- `option.email` variable:

`option.email=Y`

Disable Holdings Jump Bar

- webvoyage.properties file.
- Primarily used for multi-database sites

db.holdings.jumpBar=N

Physics of Active Galactic Nuclei at

Title: Physics of Active Galactic N
Author: [Alloin, Danielle.](#)
Publisher: Berlin, Heidelberg : Springer,
ISBN: 9783540346210
Format: Computer File
Subjects: [Astronomy](#)
[Physics](#)
[Physics](#)
[Astronomy, Astrophysics an](#)
Links: <http://dx.doi.org/10.1007/b11>
Held at: [Local Database](#)

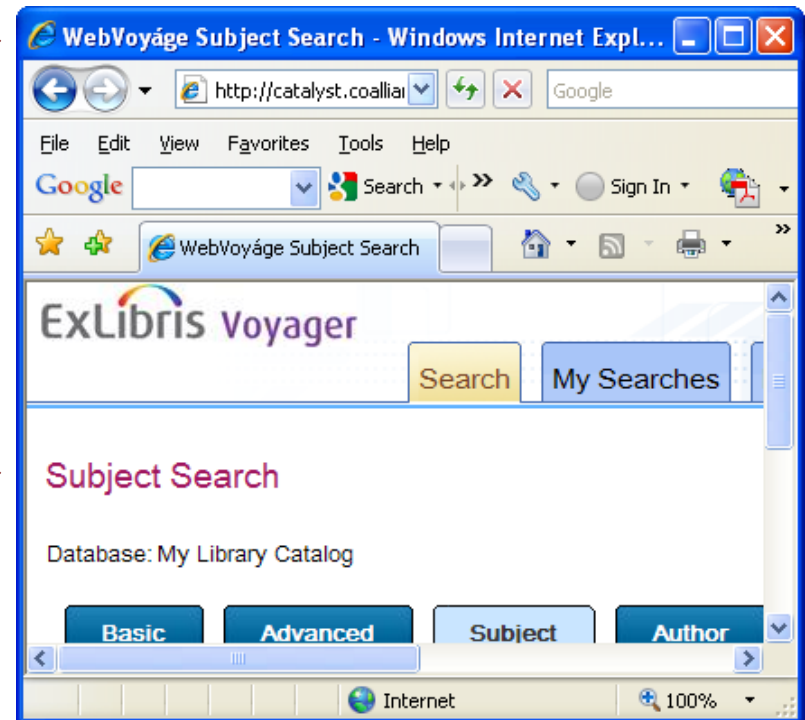


Search Window Titles & Headings

- webvoyage.properties file.
- Search Basic stanza.
- Example:

page.search.subject.title=WebVoyáge Subject Search

page.search.subject.heading=Subject Search



Search “Button” Text

- webvoyage.properties file
- Search Pages stanza.
- Example:

page.search.buttons.author.button=Photographer

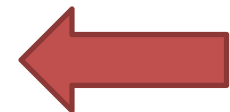
page.search.buttons.author.message=Search by Photographer

Photographer Search

Database: The Image Database provides access to historical and recent images of mining

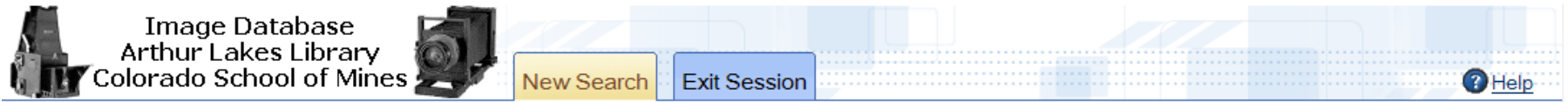
Basic Advanced Subject Photographer

Search by Photographer



Quick Changes (Not!)

- Colors are more difficult than one might think.
- Some changes are CSS others are images.



Basic Search

Database: The Image Database provides access to historical and recent images of mining, ropeways, Colorado scenery, and the Colorado School of Mines campus.

Basic **Advanced** Subject Photographer [Search History](#)

Search: within

Records per page:

Search Tips: enter words relating to your topic, use quotes to search phrases: **"world wide web"**, use + to mark essential terms: **+explorer**, use * to mark important terms: ***internet**, use ? with partial words to find variant endings: **comput?**

[New Search](#) [Help](#) [Exit Session](#)

[Arthur Lakes Library](#)

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Tab Colors

- The tabs (for both the header and the search tabs) are one of the few elements of the pages that are constructed with images. To change the colors, you need to replace those images. The easiest way to do it, though, is by editing those files using an application like PaintShop to replace the existing colors with what you would like to use.
- Each tab is composed of *two* images--a thin one on the left and a wide one (that stretches to the appropriate width) on the right. Both images have the same colors, and there are two different versions of each image for active and inactive (for a total of four images per tab type). The images are all located in:
`/m1/voyager/xxxdb/tomcat/vwebv/context/vwebv/ui/your_SKIN/images/`

`search_nav_right_off.gif` <-- standard wide side

`search_nav_left_off.gif` <-- standard thin side

`search_nav_right_on.gif` <-- active (mouseover/selected) wide

`side search_nav_left_on.gif` <-- active (mouseover/selected) thin side

Search Form Colors

- Update searchPages.css to change the color of the search form itself, as well as the little line between the active search form and its tab.

```
#searchForm
```

```
{  
background-color: #ccccff; border: 1px solid #000; clear: left; margin: 0px; padding: 0px;  
}
```

```
#searchNav li#on a, #searchNav a:hover
```

```
{  
color: #333; border-bottom: 1px solid #ccccff; cursor: pointer;  
}
```

Quick Search Bar Color, etc.

- Colors live in many other places.
- For example: resultsFacets.css for browse bars at top and bottom of results.
- Also: quickSearchbar.css
- Header background:
img_headerBackground.png
- Endless fun for the whole family!

Architecture Manual

- Separate display for serials.
- Persistent link to record.
- Add new search or header tab.
- Hide limits on the Advanced Search page.
- Disable AutoComplete.



Resources & Tools

- Architecture Manual and etc.
- WebVoyáge Highlights (John Larson's posts)
- Voy-L, WIKI, etc.
- WinSCP
- UltraEdit
- Firebug
- Name That Color
- MS I.E. Script debugging/Dev. Tool

WinSCP

The screenshot displays the WinSCP interface with two panels. The left panel shows a local directory structure, and the right panel shows a remote directory structure.

Local Panel (Left):

Name	Ext	Size	Type	Changed	Att
..			Parent directory	5/27/2009 6:45:31 AM	
cl_myAccount.xsl			File Folder	6/18/2009 7:33:36 AM	
dialog_display.xsl			File Folder	6/18/2009 7:35:23 AM	
display.xsl			File Folder	6/18/2009 7:36:34 AM	
display_text.xsl			File Folder	6/18/2009 7:39:42 AM	
displayCommon.css			File Folder	6/18/2009 7:41:24 AM	
ieFixes.css			File Folder	6/18/2009 7:43:07 AM	
web.xml			File Folder	6/18/2009 7:27:21 AM	
webvoyage.properties			File Folder	6/18/2009 7:46:44 AM	

Remote Panel (Right):

Name	Ext	Size	Changed	Rights	Owner
..			7/23/2009 3:04:40 PM	rw-r--r--	voyager
displayFacets.xsl		7,277	6/30/2009 12:54:16 PM	rw-r--r--	voyager
displayFacets.xsl.042209		3,388	4/14/2009 10:50:19 AM	rw-r--r--	voyager
displayFacets.xsl.061809		4,408	4/22/2009 7:28:05 AM	rw-r--r--	voyager
footer.xsl		4,137	6/10/2009 5:26:05 AM	rw-r--r--	voyager
footer.xsl.042209		3,522	4/14/2009 10:50:18 AM	rw-r--r--	voyager
geosearchFacets.xsl		14,146	4/14/2009 10:50:18 AM	rw-r--r--	voyager
header.xsl		8,919	4/22/2009 7:33:38 AM	rw-r--r--	voyager
header.xsl.042209		8,374	4/14/2009 10:50:19 AM	rw-r--r--	voyager
infoLocation.xsl		743	5/15/2008 10:35:35 AM	rw-r--r--	voyager
infoStatus.xsl		731	5/15/2008 11:50:04 AM	rw-r--r--	voyager
isbnoclcCite.xsl		1,835	7/2/2009 2:29:30 PM	rw-r--r--	voyager
isbnoclcCite-jim-oclc-almost.xsl		2,771	7/2/2009 12:05:13 PM	rw-r--r--	voyager
isbnoclcCite-jim-oclc-broken.xsl		2,497	7/2/2009 8:24:44 AM	rw-r--r--	voyager
isbnoclcCite-oclc-broken.xsl		1,690	6/3/2009 7:08:55 AM	rw-r--r--	voyager
isbnoclcCite-ottobib-good.xsl		1,641	3/16/2009 11:38:37 AM	rw-r--r--	voyager
isbnpSearch.xsl		1,605	12/8/2008 10:47:06 AM	rw-r--r--	voyager
isbncSearch.xsl		1,609	12/8/2008 10:46:41 AM	rw-r--r--	voyager
local_PersistentLink.xsl		909	4/27/2009 4:13:56 PM	rw-r--r--	voyager
myAccountLinks.xsl		2,872	4/14/2009 10:50:19 AM	rw-r--r--	voyager
resultsFacets.xsl		31,140	4/30/2009 5:25:33 AM	rw-r--r--	voyager
resultsFacets.xsl.042209		30,264	4/14/2009 10:50:19 AM	rw-r--r--	voyager
resultsFacets.xsl.704good		31,470	4/29/2009 11:44:22 AM	rw-r--r--	voyager
searchFacets.xsl		5,945	6/17/2008 1:58:30 PM	rw-r--r--	voyager
showXML.xsl		3,621	4/14/2009 10:50:18 AM	rw-r--r--	voyager

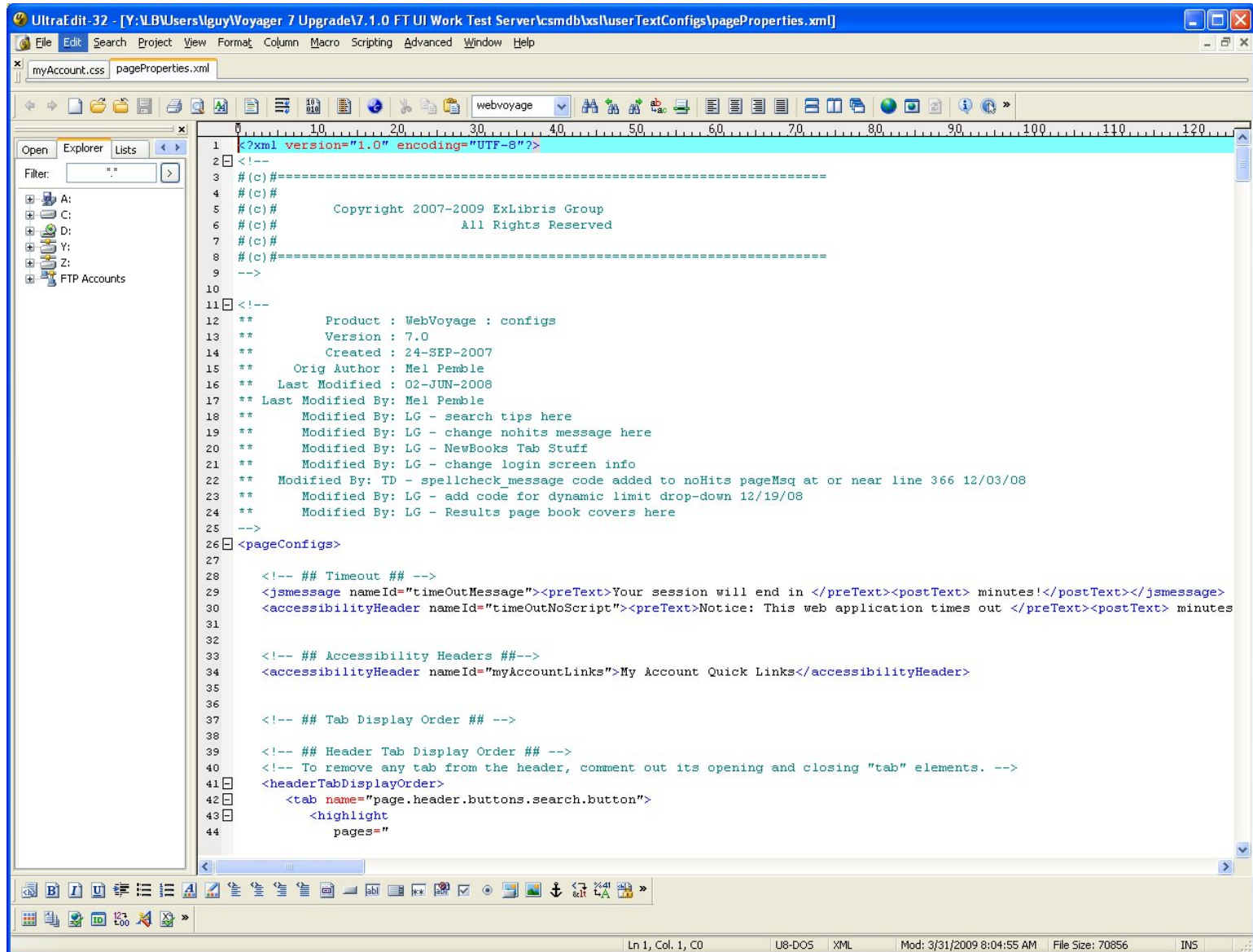
Status Bar:

0 B of 0 B in 0 of 8 0 B of 171 KiB in 0 of 24

F2 Rename F4 Edit F5 Copy F6 Move F7 Create Directory F8 Delete F9 Properties F10 Quit

Drag to change ratio of file panels. Double click to make width of file panels equal.

UltraEdit



Firebug

Catalyst Holdings Information - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://catalyst.coalliance.org/vwebv/holdingsInfo?searchId=21&recCount=50&recPointer=2&bibId=439638

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Main Author: [Linton, C. M. \(Christopher M.\)](#)
Title: [From Eudoxus to Einstein : a history of mathematical astronomy](#) / C.M. Linton.
Publisher/Date: Cambridge, UK ; New York : Cambridge University Press, 2004.
Primary Material: Book
Description: xii, 516 p. : ill. ; 24 cm.
Contents: Introduction
Spheres and circles
The Ptolemaic universe
Developments in geocentric astronomy
The heliocentric universe
Tycho Brahe, Kepler and the ellipse
Galileo, the telescope, and Keplerian astronomy
The universal theory of gravitation
Celestial mechanics
The asteroids and the outer planets
New methods
Mercury and relativity.
Subjects: [Astronomy--Mathematics--History](#).
Notes: Includes bibliographical references (p. 475-501) and index.
ISBN: 0521827507 (hardback)

Holdings Information

Location: Book Stacks (Floors 2, 2M & 3)
Call Number: [QB47 .L56 2004](#)
Number of Items: 1
Status: Available

Inspect Edit div.thisItem < div.actionBox < div.recordContent < div.recordForm < div#mainContent < div#pageContainer < body.frameWorkUI < html

Console HTML CSS Script DOM Net Options -

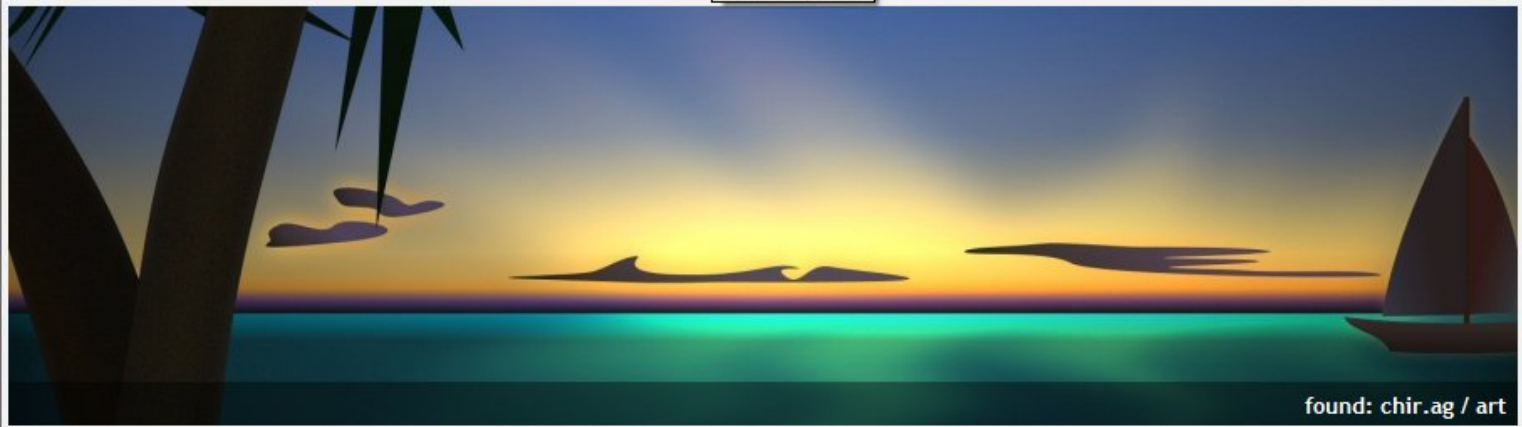
```
<h1 id="pageHeadingTitle">Holdings Information</h1>
<noscript> <h2 class="accessibilityHeader">Notice: This web application times out
10 minutes after loading a page.</h2> </noscript>
<div class="recordForm" xmlns:hol="http://www.endinfosys.com/Voyager
/holdings" xmlns:slim="http://www.loc.gov/MARC21/slim">
  <div id="jumpBarNavTop">
    <div class="recordContent">
      <div class="actionBox">
        <a id="actionBoxQuickLink" name="actionBoxQuickLink"/>
          <div class="thisItem">
            <div class="actions">
              <div class="actions">
                <div class="moreInfo">
                <div id="infoLocation">
```

Style Layout DOM Options -

```
.actionBox {
  background-color: #FFFFFF;
  border-bottom: 1px solid #FFFFFF;
  border-left: 0 solid #FFFFFF;
  border-right: 0 solid #FFFFFF;
  border-top: 0 solid #FFFFFF;
  float: right;
  font-size: smaller;
  margin-left: 5px;
  margin-right: 0;
  width: 19%;
}
Inherited from div#pageContainer
.frameWorkUI
#pageContainer {
  frameWork.css (line 39)
```

Done

found: chir.ag / art

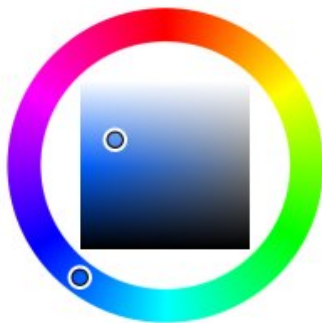


found: chir.ag / art

projects > name that color

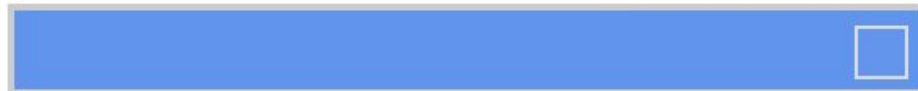
Name that Color

Click & drag over the Color Wheel to make a color



Cornflower Blue approx.

Select a Color:



Your Color:

RGB: 97, 149, 237

Outer box: Your selected color. Inner box: Actual color of closest match.

[Color Management](#)

X-Rite Get the Color Exact, everytime!
www.Xrite.com

[Creative Spaces Denver](#)

interior consulting: paint colors, clutter clearing, design, feng shui
www.spacerenewal.com

[Denver Color Consultant](#)

Choose Perfect Paint Colors! Color, ReDesign & Staging in Denver
www.spiraldesignsinc.com

[Colors from Nature®](#)

Colors from Nature® for food & beverage applications w/ stability
www.WILDFlavors.com



About Name that Color

Ads by Google

Microsoft Internet Explorer

- Turn on script debugging in I.E.
 - Tools->Internet Options...->Advanced->Disable Script Debugging
- I.E. Developer Toolbar (for IE8 use on-board dev. tools by pressing F12).



Patches and Upgrades

- Where the do-do hits the fan.
- “Easy to create, hard to maintain.”
- New Tomcat files moved into `exl_default`.
- New files need to be moved to your production directories.
- Any changes/customizations you made need to be incorporated into the new files.
- UltraEdit “Compare” function is great!



csmdb	File Folder	3/17/2009 7:15 AM
mining	File Folder	3/19/2009 10:40 AM
photos	File Folder	3/17/2009 7:15 AM
rope	File Folder	3/18/2009 7:56 AM
tell	File Folder	3/18/2009 7:12 AM

ajaxUtils.js	File Folder	8/25/2009 6:25 AM
cl_displayRecord.xsl	File Folder	8/25/2009 6:31 AM
cl_searchBasic.xsl	File Folder	8/25/2009 6:35 AM
diplsaycfg.xml	File Folder	8/25/2009 6:37 AM
display.xsl	File Folder	8/25/2009 6:52 AM
displayCommon.css	File Folder	8/25/2009 6:57 AM
displayFacets.xsl	File Folder	8/25/2009 7:06 AM
displayHoldings.xml	File Folder	8/25/2009 7:13 AM
footer.xsl	File Folder	8/25/2009 7:31 AM
frameWork.css	File Folder	8/25/2009 7:35 AM
header.css	File Folder	8/25/2009 7:49 AM
header.xsl	File Folder	8/25/2009 7:57 AM
highlight.js	File Folder	8/25/2009 8:02 AM
holdingsInfo.vbib	File Folder	8/25/2009 8:10 AM
login.xsl	File Folder	8/25/2009 8:16 AM
myAccount.css	File Folder	8/11/2009 7:56 AM
pageProperties.xsl	File Folder	8/25/2009 8:43 AM
resultsFacets.xsl	File Folder	8/25/2009 10:29 AM
searchFacets.xsl	File Folder	8/25/2009 10:37 AM
webvoyage.properties	File Folder	8/25/2009 10:39 AM

current	File Folder	8/25/2009 8:39 AM
good to go	File Folder	8/25/2009 8:43 AM
new	File Folder	8/11/2009 9:31 AM
test server file	File Folder	8/25/2009 8:39 AM
readme.txt	1 KB Text Document	8/11/2009 9:32 AM



Why Tomcat?

- It's all in the skins! You can create different skins for different contexts.
- Persistence: Copy any URL and use it later.
- Reliance on CSS means broad customization is possible.
- XSL allows you to easily add small, static elements (or even dynamic content)
- XML allows sophisticated customizations
- Independent definition of elements

The Good, the Bad, the Ugly

Laura,

Would you mind sharing with me how you added these options? I see your code when I do a "view source," but I can't figure out what files to add the code to.

Thanks!

Print Export E-mail Add to List Select Page All

1  **Our state: Colorado : a history of progress / by LeRoy R. and Ann Hafen.**
Hafen, LeRoy R. (LeRoy Reuben), 1893-1985
1966
F776 .H84
✓ available, Book Stacks (Floors 2, 2M & 3)
 **Print**  **Email**  **Export**

...then he said, "I can't feel my legs" and then I said, "Stay with me Joel!" but it was too late. He was gone. It was the PowerPoint.

