

# 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
- lguy@mines.edu
- Systems Librarian at the Colorado School of Mines
- Working with Voyager for ten 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 +  
5/25/10 cl myAccount.xsl +

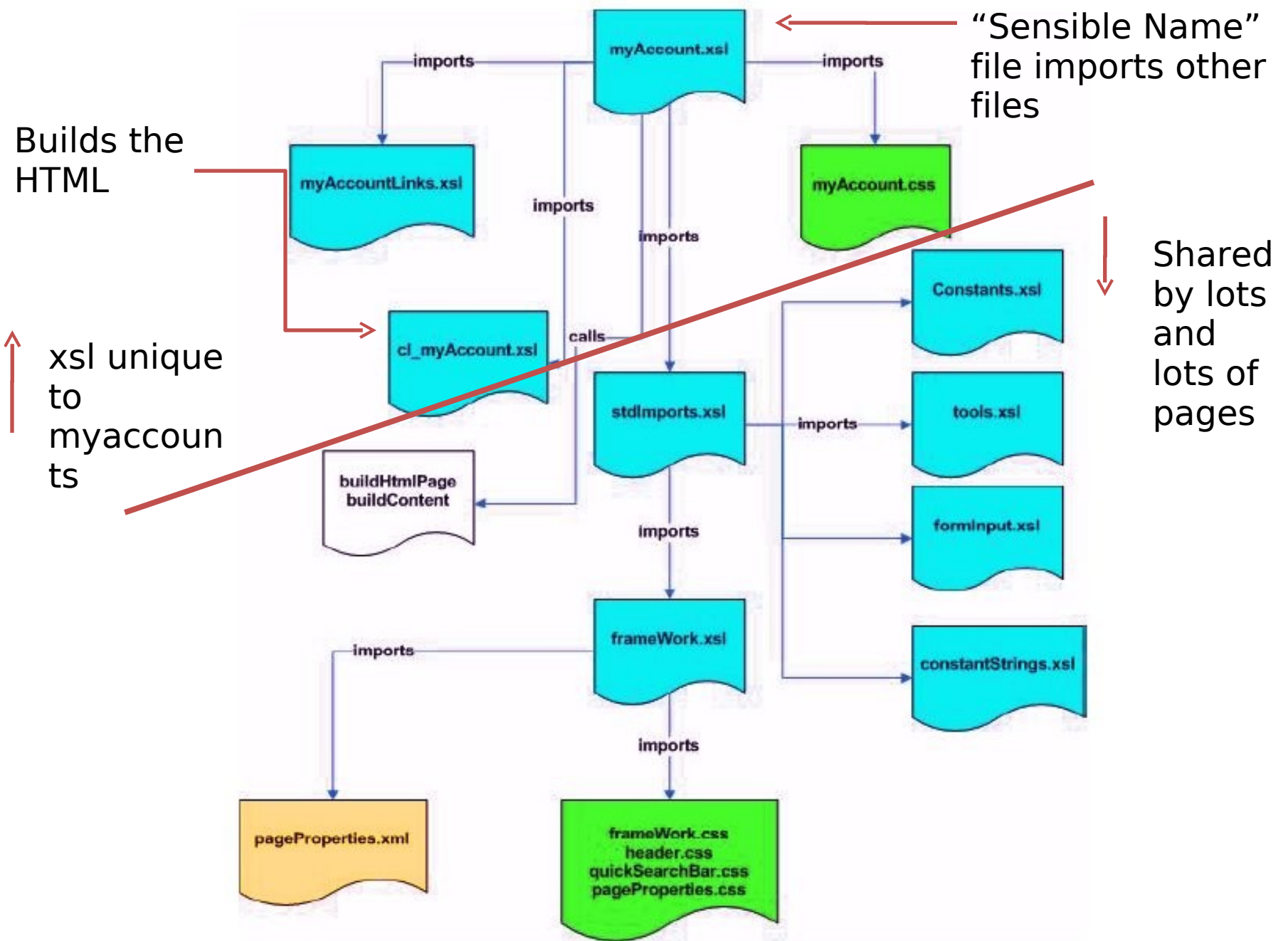


Figure 2-2. Flowchart example for myAccount page

# 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"

WebVoyage Basic Search - Windows Internet Explorer

http://catalyst.coalition.org/vwebv/searchBasic?sk=exl\_default

File Edit View Favorites Tools Help

Google Search Bookmarks Check AutoFill

WebVoyage Basic Search

Log in to your account

ExLibris Voyager

Search My Searches My List My Account Help

### Basic Search

Database: My Library Catalog

Basic Advanced Subject Author Course Reserve

Search History

Search:  within All Fields

Limit To: All Material

Records per page: 10 records per page

Search

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?

Search My Searches My List My Account Help

Your Library Name Here

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Internet 100%

# Tomcat "Out of the Box"

The screenshot shows a Windows Internet Explorer browser window titled "WebVoyage Titles". The address bar contains the URL: [http://catalyst.coalliance.org/vwebv/searchResults?searchId=2&recPointer=10&sortBy=PUB\\_DATE\\_DESC](http://catalyst.coalliance.org/vwebv/searchResults?searchId=2&recPointer=10&sortBy=PUB_DATE_DESC). The search results are for "Title(astronomy) (Date=2006-)" and show 31 results found. The results are sorted by "Publication Date Descending".

Database: My Library Catalog  
31 results found  
Title(astronomy) (Date=2006-)  
[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

11	<a href="#">Special and general relativity : with applications to white dwarfs, neutron stars and black holes / Norman K. Glendenning.</a> Glendenning, Norman K. 2007 QC173.6 .G55 2007 ✓available, Book Stacks (Floors 2, 2M & 3)
12	<a href="#">Invisible Universe [electronic resource] : The Story of Radio Astronomy / by Gerrit Verschuur.</a> Verschuur, Gerrit. 2007 No call number ✓available, Internet Access
13	<a href="#">Understanding the universe [videorecording] : an introduction to astronomy / [taught by] Alex Filippenko.</a> Filippenko, Alexei V. 2007 QB43.3 .F55 2007 multiple items available, Media Collection (Floor 2)
14	<a href="#">Buyer's and User's Guide to Astronomical Telescopes &amp; Binoculars [electronic resource] / by James Mullaney.</a> Mullaney, James. 2007 No call number ✓available, Internet Access

Internet 100%



# Tomcat "Out of the Box"

WebVoyage Holdings Information - Windows Internet Explorer

http://catalyst.coalliance.org/vwebv/holdingsInfo?searchId=2&recCount=10&recPointer=10&bibId=476456

ExLibris Voyager

Search My Searches My List My Account

New Search :  Go Search History

Titles < Prev 11 of 31 Next >

**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](#)


This item  
**Record View**  
- [Staff View](#)

Actions

- [Make a Request](#)  
(e.g. Hold, Recall, Photocopy)
- [Print](#)
- [Export](#)
- [Add to My List](#)

More About This Item From

Google Books:

 [Limited Preview](#)  
["About This Book"](#)

Only one patron view

# Out of the Box

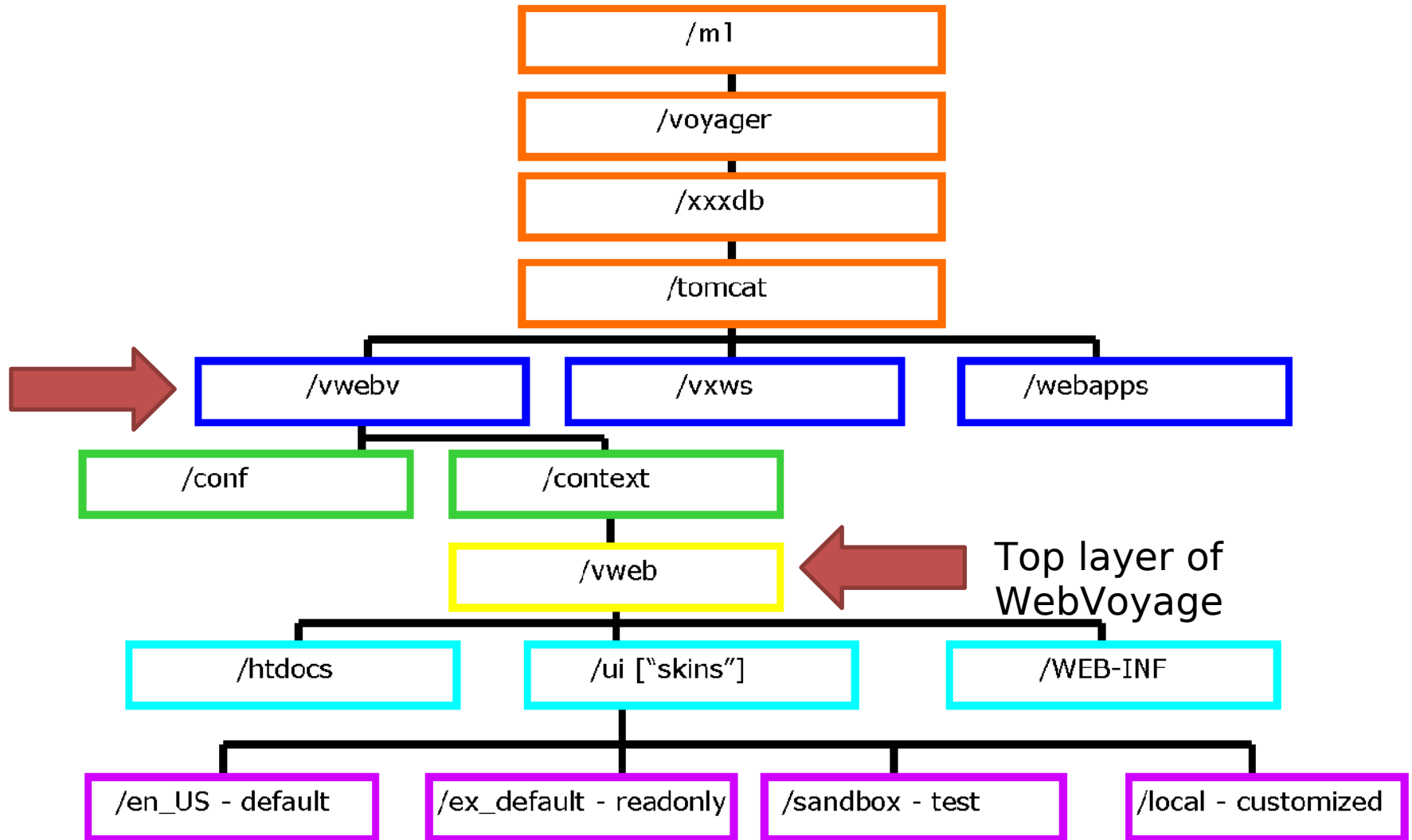
- As we've seen it is pretty functional.
- There are a few things you'll probably want to change right away and we'll talk about those later.
- Meantime, in order to make changes you must understand Tomcat and how *it* works.
- Here the Architecture manual comes in very handy. Read it! Really!!

# What is she talking about?

- Working with Tomcat means working with a set of files that live in directories on your Voyager server.
- As we'll see, these files are of various types. All, though, are “text” files that are “editable.”
- But you must have server access via WinSCP or PuTTY or some other method.



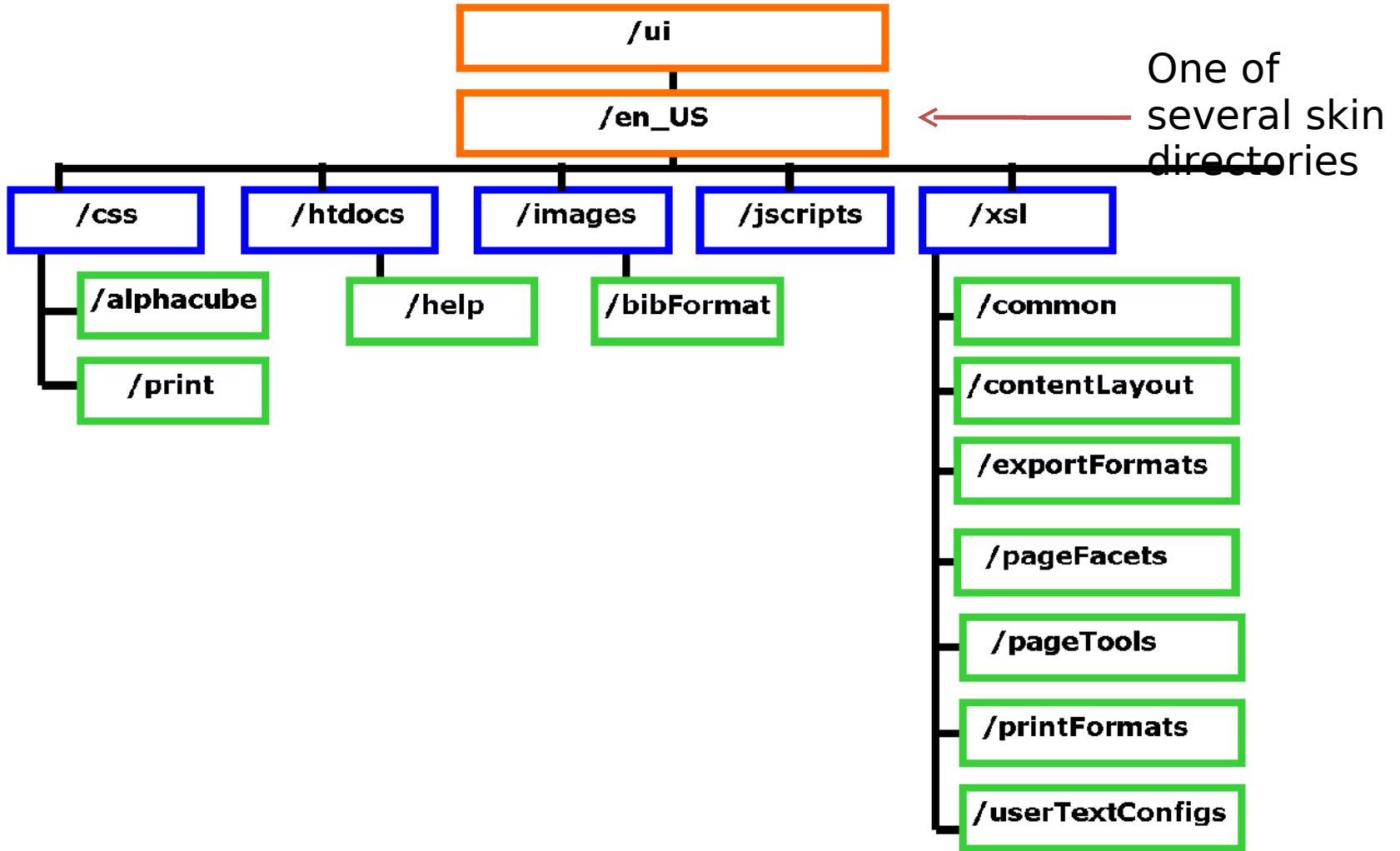
# Tomcat Organization



# Skins

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

# /ui/en\_US [“skin”] Organization



# File Naming

- Recall the myAccount page example:
  - myAccount.xsl
  - myAccountLinks.xsl
  - cl\_myAccount.xsl (cl = content layout)
  - myAccount.css
- (In reality over 12 files! css, xsl, xml, etc.)
- Naming is used to show relationships between files that build the HTML

# 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 controls” are used in combination with page-specific controls.



[Log in](#) to your account

[Help](#)

## 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

The specifications in this control are overwritten by those above it...

- header.css

- frameWork.css

...And within a given control the latest rule “wins”

# pageProperties.css

- Trumps all other baseline controls
- 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://catalog.coalliance.org/webv/login

Most Visited Getting Started Latest Headlines

Catalog Arthur Lakes Library Home [Log in to your account](#)

Search My Searches My List My Account Exit

### 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

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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 Larger font

Inspect Edit **div.instructionText** <div.page-TMLSnippet <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>
            <script> <div class='accessibilityHeader'>Notice: This web application times out 10 minutes after loading a page.</div> </script>
            <div class='pageTMLSnippet'>
              <div class='instructionText'>
                <div>
                  <form action='login.do' method='post' accept-charset='UTF-8' name='selectDatabases' autocomplete='off'>
                </div>
              </div>
            </div>
          </div>
        </div>
      </body>
    </html>
  
```

Style Layout DDM Options -

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

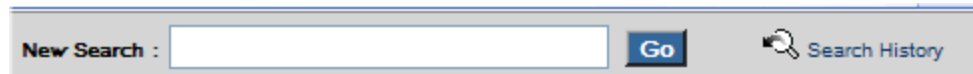
Inherited from div#pageContainer  
.frameWorkUI #pageContainer {  
text-align: left;  
}

Inherited from body.frameWorkUI  
body {  
color: black;  
font-family: "Arial Unicode MS", Verdana, Arial, Helvetica, sans-serif;  
font-size: 1.75em;  
text-align: center;  
}

Done

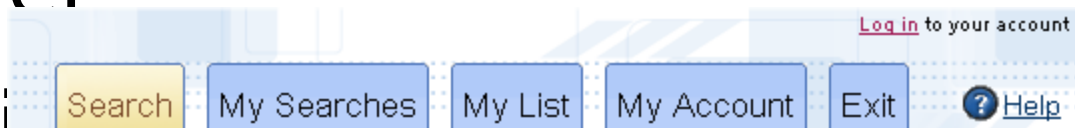
# quickSearchBar.css

- Color of bar
- Positions of elements within bar (form, “Go” button, search history graphic, 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 of patron login and help links
- Font sizes and colors; alignment
- Default pointer for components in header



- Position and placement of logo image

5/25/10

- Library link and copyright details in

# 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 (titles list)
- 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  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 - LOGIC of what displays.
- XSL (Extensible Stylesheet Language): takes input from other components, allows one to format or transform files encoded in the XML standard - What displays and how.
- Both are touchier than HTML.

# Important XSL Files

- displaycfg.xml
  - displayHoldings.xml
  - pageProperties.xml
  - limits.xml
  - display.xsl
  - frameWork.xsl
- The logic of what displays
- What displays and how

# displaycfg.xml

- Found in /contentLayout/configs
- Configure bibliographic record display.
- Decide which MARC tags to include.
- Add Syndetics or other book covers to display.
- Change labels that describe Bibliographic MARC fields.
- 5/25/10 Change the display order of the

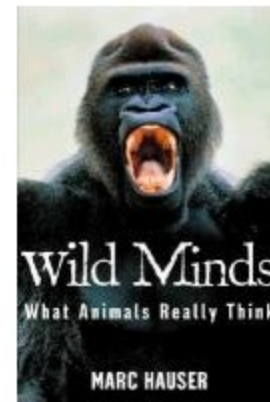
# displayHoldings.xml

- Found in /contentLayout/configs
- 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.

5/2/10 Set up redirects (Call Number

# display.xsl

- Found in contentLayout/display
- Like most xsl a very intimidating-looking file!
- How the data in the displaycfg.xml and displayHoldings.xml files displays.
- Change how something I behaves on the record di



Click here for  
more

**Main Author:**

**Title:**

**Publisher/Date:**

**Primary Material:**

**Edition:**

**Description:**

**Subjects:**

[Animal psychology.](#)

[Social behavior in a](#)

[Click for Table of Contents, Reviews, Summary, etc.](#)

5/25/10

Mouse-over



# pageProperties.xml

- Found in /userTextConfigs
- Change order or remove search tabs (“Basic” etc.)
- Change order of Browse bar buttons (“Print” etc.)
- Edit search tips for each search page
- Provide instructions for various activities
- 5/17/10 Modify labels for Bib



# frameWork.xsl

- Found in /pageTools
- 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.
- This is where you turn debugging on.

# limits.xml

- Found in xsl/userTextConfigs
- Identify the specific entries that are included on the Advanced Search page
- Relates to the different limit groups
  - format
  - status
  - type

# 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

- Located under /en\_US
- Organized into three main sections:
  - Options (controls system behavior)
  - Connections (customize database connections)
  - Page Customizations (page-level customizations)
- Each section has stanzas.
- Huge, complicated, important...

# Options Section

- Where to go after logout or timeout.
- Retain last used Basic search code.
- Timeout setting (if you change this you may have to change the Tomcat timeout in web.xml).
- Set up external authentication.

# Connections Section

- Create one or more groups of remote database connections.
- Enable setting of preferred database.

Select Database

Select database(s) to search:

Test Group

Arthur Lakes Library

Prospector

Mines Photo Database (voyager)

WorldCat

Library\_of\_Congress

Select

# Customizations Section

- Over 2000 lines!
- Search codes
- Headers and footers
- Action Box
- Limit To
- Quick Search bar
- Enable email
- **And much, much more...**



# The World is Your Oyster!

The screenshot shows the Tarrant County College Library Catalog homepage. At the top left is the college logo. Navigation links include 'Log in to your account' and 'Help'. The main header reads 'Tarrant County College Library Catalog'. Below this is a navigation bar with 'SEARCH', 'MY SEARCHES', 'MY LIS', 'MY ACCOUNT', and 'END SESSION'. A left sidebar lists various library services like 'Find Books (Catalog)', 'Find Articles (Database)', and 'Additional Resources'. The main content area features a search bar with a dropdown menu for search scope (set to 'Keyword Anywhere') and a 'Limit to' dropdown (set to 'All Material'). A 'Search' button is prominently displayed. Below the search bar, there are search tips and an 'Announcements' section with a small image of a student.



Log in to view your account | Help |  
Your Account | New search

University of Cambridge > Cambridge University Library > Newton Library Catalogue > University Library and Dependents

## Newton catalogue: University Library and Dependent Libraries

Basic **Advanced**

Search History

Search:  within Keyword (whole record)

Limit To: none

Records per page: 25 records per page



## Library Catalog

Library Home | Research Resources | Services | About The Library

Search | My Searches | My LIS | My Account

Log in to your account

### Basic Search

Basic **Advanced** Guided Journals/Articles Course Reserves New Books

Search

Basic Search searches all fields of all records. Enter your search terms or phrases in any order. Use quotes to search phrases: "world wide web". Terms: +explorer, use ? to truncate: browser?

The screenshot shows the Monash University Library search interface. The header includes the Monash University Library logo and navigation links for 'Catalogue home', 'Saved searches', 'Saved records', and 'My'. Below the header is a search bar with a dropdown menu for search scope (set to 'all of these') and a 'within' dropdown (set to 'Keyword anywhere'). A 'Search' button is visible. The interface is clean and professional.

### Search

Now searching: Monash University Australia

Search **Advanced search** Electronic resources Reading lists New titles

Search:  all of these within Keyword anywhere  
ORC  all of these within Keyword anywhere

Add limits

# 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 (Logo)

- 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.

• 5/25/10 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

- Go to: 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`

[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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# Customize Basic Search Types

- Go to: `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 per entry (as we see in the next slide)

# 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; commented out):

5/25/10  
**#page.search.basic.search.code.titleKeyAnd=**



# Modify Quick Limits

- Go to: `webvoyage.properties` file.
- Find the: `Limit To stanza`.
- Used both in Basic Search and post-search filtering.
- Decide what limits you want to use, their order, display name.
- Each entry has four lines (as we see in the next slide).

# 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**

5/25/10

**page.search.limitTo.Archive.order=2**

# Enable Email

- Go to: 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

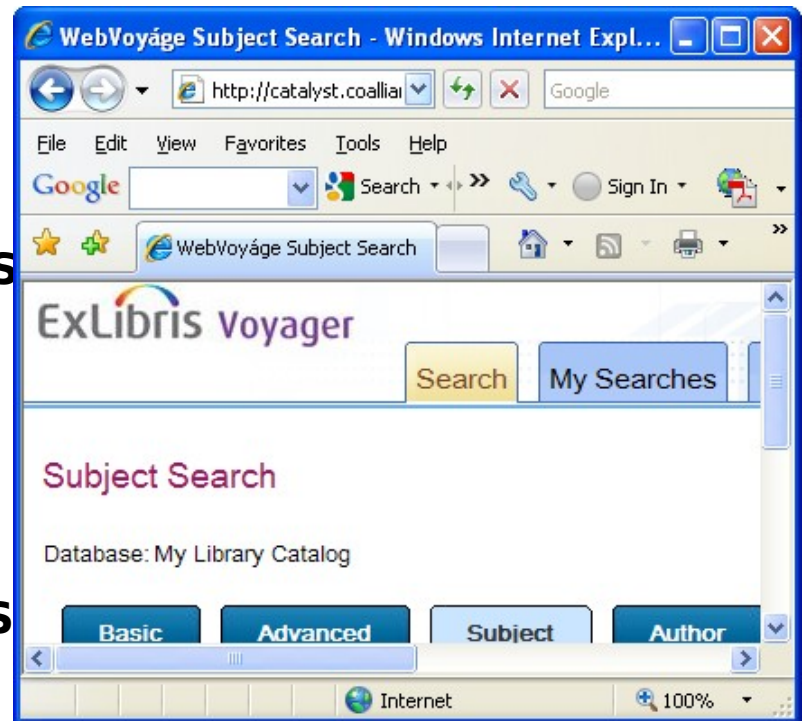
- webvoyage.properties file.
- Search Basic stanza.
- Example:



**page.search.subject.title=WebVoyage S**



**page.search.subject.heading=Subject S**



# Search “Button” Text

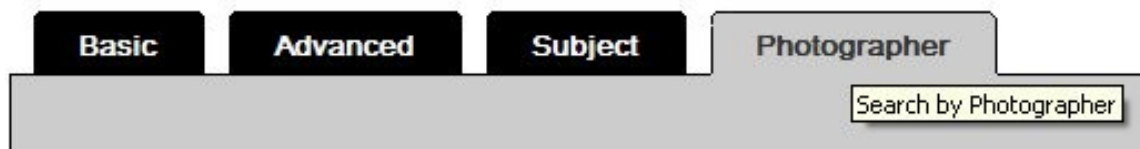
- webvoyage.properties file
- Search Pages stanza.
- Example:

page.search.buttons.author.button=Photographer

page.s **Photographer Search**

grapher

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

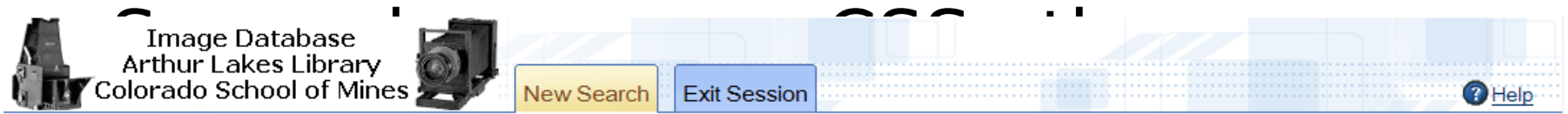


# Many Other Quick/Easy Changes

- Can be found in the Architecture Manual:
  - Favicon
  - Disable AutoComplete
  - Add a Persistent Link to the record display
  - Separate display for serials
  - Google Analytics
  - Etc.

# Quick Changes (Not!)

- Colors are more difficult than one might think.



## 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 color, 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**

# 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;
```

```
}
```

5/25/10

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

# Quick Search Bar Color, etc.

- Colors live in many other places.
- For example: resultsFacets.css for browse bars at top and bottom of results and the alternating row colors in the results list.
- Also: quickSearchbar.css
- Header background:  
img\_headerBackground.png
- **Endless fun for the whole family!**

# More Complex Changes

- Can be found in the Architecture Manual:
  - Separate display for serials
  - Displaying book cover images
  - Add new search or header tab
  - Hide limits on the Advanced Search page
  - External authentication
  - Add a new Search Tab (i.e., newBooks)
  - Add a new Header Tab (i.e., Exit)

# Resources & Tools

- Architecture Manual, Basic Users Guide, etc.
- WebVoyáge Highlights (John Larson's posts)
- Voy-L, WIKI, KB, EL Commons, CodeShare, etc.
- WinSCP
- UltraEdit / WinMerge
- Firebug

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Name That Color

# WinSCP

The screenshot displays the WinSCP interface with two file panels. The left panel shows a local directory structure, and the right panel shows a remote directory structure. The interface includes a menu bar, a toolbar, and a status bar at the bottom.

**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):**

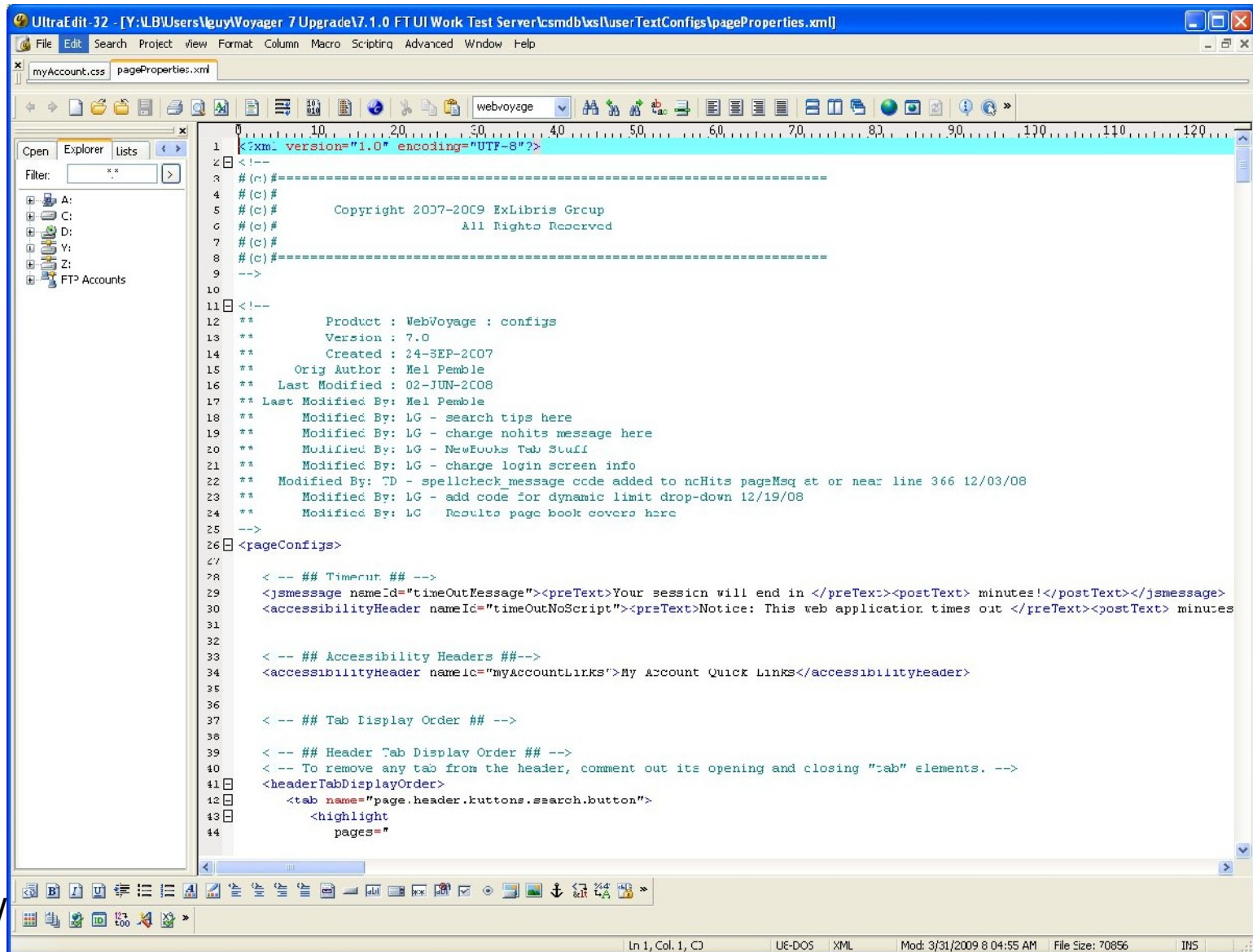
Name	Ext	Size	Changed	Rights	Owner
..			7/23/2009 3:04:40 PM	rw-r--r-x	voyager
displayFacets.xsl		7,277	6/30/2009 12:54:16 PM	rw-r--r--	voyager
displayFacets.xsl.042209		3,388	4/14/2009 10:50:19 AM	rw-r--r-x	voyager
displayFacets.xsl.061809		4,408	4/22/2009 7:28:05 AM	rw-r--r--	voyager
footer.xsl		4,137	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-x	voyager
geosearchFacets.xsl		14,146	4/14/2009 10:50:18 AM	rw-r--r-x	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-x	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-x	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-x	voyager
searchFacets.xsl		5,945	6/17/2008 1:58:30 PM	rw-r--r-x	voyager
showXML.xsl		3,621	4/14/2009 10:50:18 AM	rw-r--r-x	voyager

**Status Bar:** 0 B of 0 B in 0 of 8 (Left) | 0 B of 171 KiB in 0 of 24 (Right)

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

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

# UltraEdit



# WinMerge

- Heard good things about it.
- Haven't used it yet.
- Open Source, free.
- Compares both folders and files.
- Presents differences in an easy to understand visual text format.
- <http://winmerge.org>



# Firebug

The screenshot shows a Mozilla Firefox browser window displaying a record page for the book "From Eudoxus to Einstein: a history of mathematical astronomy" by C.M. Linton. The page includes a book cover image, a detailed description, and various actions like "Record View" and "Staff View". A red arrow points from the "astronomy" text in the description to the "Social Bookmarks" section. The Firebug developer tool is open at the bottom, showing the DOM tree and CSS styles for the "actionBox" element.

**From Eudoxus to Einstein : a history of mathematical astronomy**

**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, 616 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 Kepler's 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:** 0521827807 (hardback);

**Holdings Information**

**Location:** Book Stacks (Floors 2, 2M & 3)  
**Call Number:** Q847 .L66 2004  
**Number of Items:** 1  
**Status:** Available

**Actions:**  
- Record View  
- Staff View

**Social Bookmarks:**  
- ce.io.de  
- Digg  
- Facebook  
- Google  
- MySpace  
- StumbleUpon  
- 11 MYWoo

**More Library Information:**  
- Materials Location Help  
- Item Status Help  
- Cite this Item  
- Search ProQuest for Item  
- Search WorldCat for Item

**Google Books:**  
- Printed Preview  
- 'About This Book'

**Firebug DOM Tree:**  
body.frameWorkUI <html>  
 <div id="pageHeadingTitle">Holdings Information</div>  
 <div class="recordForm" xhtml:xmlns="http://www.endinfosys.com/Voyager/holdings" xmlns:slim="http://www.loc.gov/MARC21/slim">  
 <div id="jumpBarNavTop"></div>  
 <div class="recordContent">  
 <div class="actionBox">  
 <a id="actionBoxQuickLink" name="actionBoxQuickLink"/>  
 <div class="thisItem"></div>  
 <div class="actions"></div>  
 <div class="actions"></div>  
 <div class="moreInfo"></div>  
 <div id="infoLocation"></div>  
 </div>  
 </div>  
 </div>  
</html>

**Firebug CSS Styles:**  
.actionBox {  
 background-color: #FFFFFF;  
 border-bottom: 1px solid #FFFFFF;  
 border-left: 0 solid #FFFFFF;  
 border-right: 0 solid #FFFFFF;  
 float: right;  
 font-size: smaller;  
 margin-left: 5px;  
 text-align: right;  
 width: 19%;  
}</div>  
Inherited from #pageContainer:  
.frameWorkUI {</div>  
#pageContainer {</div>

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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: #6195ED

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](http://www.Xrite.com)

### [Creative Spaces Denver](#)

interior consulting: paint colors, clutter clearing, design, feng shui  
[www.spacerenewal.com](http://www.spacerenewal.com)

### [Denver Color Consultant](#)

Choose Perfect Paint Colors! Color, ReDesign & Staging in Denver  
[www.spiraldesignsinc.com](http://www.spiraldesignsinc.com)

### [Colors from Nature®](#)

Colors from Nature® for food & beverage applications w/ stability  
[www.WILDFlavors.com](http://www.WILDFlavors.com)



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 recommitted into the new files.

 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

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# 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)

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- XML allows sophisticated

Basic Search - Windows Internet Explorer

http://catalyst.coalition.org/vwebv/searchBasic?sk=en\_US

File Edit View Favorites Tools Help

Google Search Share Sidewiki Check Translate AutoFill Sign In

Basic Search

CATALOG ARTHUR LAKES LIBRARY

Log in to your account

Search My Searches My List My Account Exit Help

### Basic Search

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Basic Advanced Subject Author Course Reserve New in the Catalog Search History

Search:  within Keyword Anywhere (relevance ranked)

Limit To: All Material

Records per page: 50 records per page

Search


**Search Tips:** enter words relating to your topic, use quotes to search phrases: "civil war", use + to mark essential terms: +explorer, use \* to mark important terms: \*internet, use ? with partial words to find variant endings: comput? Use the **Limit To** drop-down with Keyword and Title searches only. For best results, use Internet Explorer 7 or Firefox 2.0 at minimum 1024 x 768 screen resolution. See "Help" for additional information.

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...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.



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