CSS and JavaScript Tips and Tricks for WebVoyage 7

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Tools

• Browsers

✔ Firefox  http://getfirefox.com

✔ Firebug  http://getfirebug.com

✔ Internet Explorer

<script type='text/javascript'
    src='http://getfirebug.com/releases/lite/1.2/firebug-lite-compressed.js'></script>

✔ IE Developer Toolbar

http://go.microsoft.com/fwlink/?LinkId=92716
Tools, continued

- Code Editor (Search & Replace / File Comparison)
  - Syntax Highlighting
  - Code Balancing
  - Find & Replace (All)
  - File Comparison
  - Auto Indent
  - Find & Replace Using GREP
Tools, continued

- Code Editors (Search & Replace / File Comparison)
  - BBEdit, FileMerge (OS X)
  - UltraEdit, Beyond Compare (Windows/Linux)

- Sources of free tools
  http://www.thefreecountry.com/programming/
Tools, continued

- XML Editors / XSLT Debuggers
  - XML Spy (Windows)
  - oXygen (Windows, OS X, Linux)
  - EditiX (Windows, OS X, Linux, free)
  - Cooktop (Windows, free)
  - Komodo Edit (Windows, OS X, Linux, free)
Understanding CSS

Order by stylesheet type:

1. !important User style sheet
2. !important Author style sheet
3. Author style sheet
4. User style sheet
5. User Agent (browser) styles
# CSS Specificity Rules

<table>
<thead>
<tr>
<th>selector</th>
<th>example</th>
<th>specificity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>!important</td>
<td>Beats everything!</td>
</tr>
<tr>
<td>2</td>
<td>inline style</td>
<td>1,0,0,0</td>
</tr>
<tr>
<td>3</td>
<td>id</td>
<td>0,1,0,0</td>
</tr>
<tr>
<td>4</td>
<td>class</td>
<td>0,0,1,0</td>
</tr>
<tr>
<td>5</td>
<td>element</td>
<td>0,0,0,1</td>
</tr>
<tr>
<td>6</td>
<td>universal selector</td>
<td>0,0,0,0</td>
</tr>
</tbody>
</table>
## Cascading Style Sheets

### Specificity Examples

<table>
<thead>
<tr>
<th>CSS</th>
<th>Number and Type</th>
<th>Specificity</th>
</tr>
</thead>
<tbody>
<tr>
<td>p { color:red; }</td>
<td>One element</td>
<td>0,0,0,1</td>
</tr>
<tr>
<td>div p { color:orange; }</td>
<td>Two elements</td>
<td>0,0,0,2</td>
</tr>
<tr>
<td>.grape { color:purple; }</td>
<td>One class</td>
<td>0,0,1,0</td>
</tr>
<tr>
<td>*.bright { color:yellow;}</td>
<td>One class</td>
<td>0,0,1,0</td>
</tr>
<tr>
<td>div.bright p.grape { color:green; }</td>
<td>Two classes, two elements</td>
<td>0,0,2,2</td>
</tr>
<tr>
<td>#my_grape_id { color:blue; }</td>
<td>One id selector</td>
<td>0,1,0,0</td>
</tr>
<tr>
<td>div #sidebar .shiny {color:silver}</td>
<td>One id selector, one class, one element</td>
<td>0,1,1,1</td>
</tr>
</tbody>
</table>
## Cascading Style Sheets

### Specificity Examples

<table>
<thead>
<tr>
<th>CSS Selector</th>
<th>Specificity</th>
</tr>
</thead>
<tbody>
<tr>
<td>h1 { color:red; }</td>
<td>0,0,0,1</td>
</tr>
<tr>
<td>body h1 { color:green; }</td>
<td>0,0,0,2</td>
</tr>
<tr>
<td></td>
<td>winner</td>
</tr>
<tr>
<td>h2.grape { color:purple; }</td>
<td>0,0,1,1</td>
</tr>
<tr>
<td></td>
<td>winner</td>
</tr>
<tr>
<td>h2 { color:silver; }</td>
<td>0,0,0,1</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>body div p ul ol li.answer { color:red; }</td>
<td>0,0,1,6</td>
</tr>
<tr>
<td>li#answer { color:navy; }</td>
<td>0,1,0,1</td>
</tr>
<tr>
<td></td>
<td>winner</td>
</tr>
</tbody>
</table>
CSS Equal Specificity

• Equal specificity: the latest rule is the rule that is applied.
  If you have the same rule in your stylesheet(s) twice, the last rule is deemed more specific.

In frameWork.css, which loads first:
#pageContainer { text-align: center; }

In searchPages.css, which loads later:
#pageContainer { text-align: left; }
CSS Equal Specificity

```css
p { color: red; background-color: yellow; }
p { color: green; }
<p>green text</p>

h1 { font-size: 1.5em; color: red; }
h1 { color: blue; font-size: 1.5em; }
<h1>blue text</h1>
```
CSS Specificity Overview

Generally...
1. h1 { color: purple !important; }
2. <h1 style='color:red;'> (inline)
3. #id { color: blue; }
4. .class { color: green; }
5. h1 { color: yellow; }

http://www.w3.org/TR/CSS2/cascade.html
Positioning

Default is position: static;

```html
<style>
body { font-family:sans-serif; }
div#container { width:50%; }
div#before { background-color:#ECECEC; }
div#main { border: 1px solid blue; }
div#main1 { background-color:#ECECEC; }
div#main2 { background-color:#ECECEC; }
div#main3 { background-color:#ECECEC; }
div#after { background-color:#ECECEC; }
</style>

<div id='container'>
  <div id='before'>This is the div before the main div.</div>
  <div id='main'>
    <div id='main1'>This is main1. It is the first div nested in main.</div>
    <div id='main2'>This is main2. It is the second div nested in main.</div>
    <div id='main3'>This is main3. It is the third div nested in main.</div>
  </div>
  <div id='after'>This is the div after the main div.</div>
</div>
```
Positioning

Default is position: static; Adding left:-50px; does nothing.
Positioning

Change to `position:relative`. `left: -50px;` now has an effect. Notice that `main1` still has an effect on the flow.
Positioning

Change to `position:absolute`. left: -50px; still has an effect. Notice that main1 now has **no effect on the flow** and **covers main2**.
Positioning

Change the parent, **main**, to `position:relative`. Now main1’s absolute is positioned within its parent.

main1 text covers the text from main2 and main3 when using `position:absolute`. 
Positioning

Change main1 from position:absolute to `float:left`.
Text from main1 no longer covers text in main2 and main 3.
Positioning

Add **float:left** to main2 and make it 50px wide. Notice the position of div id='after'.

```html
<style>
  body { font-family:sans-serif; }
  div#container { width:50%; }
  div#before { background-color:#ECECEC; }
  div#main { border:1px solid blue; position:relative; }
  div#main1 { background-color:#ECECEC; float:left; width:50px; }
  div#main2 { background-color:#CCECEC; float:left; width:50px; }
  div#main3 { background-color:#CECECE; }
  div#after { background-color:#CECECE; }
</style>

<div id='container'>
  <div id='before'>This is the div before the main div.</div>
  <div id='main'>
    <div id='main1'>This is main1. It is the first div nested in main.</div>
    <div id='main2'>This is main2. It is the second div nested in main.</div>
    <div id='main3'>This is main3. It is the third div nested in main.</div>
  </div>
  <div id='after'>This is the div after the main div.</div>
</div>
```
Add `clear:left` to the div id='after' to position it after main. Main is the parent of main1, main2, and main3.
Add `float:left` and `width:50px` to main 3 to complete 3 columns. Notice the blank space to the right of main3.
Positioning

Change main1, main2, & main3 widths to percentages to fill out div#main.

```html
<style>
  body { font-family:sans-serif; }
  div#container { width:50%; }
  div#before { background-color:#ECECEC; }
  div#main { border: 1px solid blue; position:relative; }
  div#main1 { background-color:#ECECCE; float:left; width:33%; }
  div#main2 { background-color:#CCECCE; float:left; width:33%; }
  div#main3 { background-color:#CCECEC; float:left; width:33%; }
  div#after { background-color:#CECECE; clear:left; }
</style>

<div id='container'>
  <div id='before'>This is the div before the main div.</div>
  <div id='main'>
    <div id='main1'>This is main1. It is the first div nested in main.</div>
    <div id='main2'>This is main2. It is the second div nested in main.</div>
    <div id='main3'>This is main3. It is the third div nested in main.</div>
  </div>
  <div id='after'>This is the div after the main div.</div>
</div>
```
Positioning

Control column height with set amounts. Percentages for height work only if all parent containers have a height value on which to base the height.

```html
<style>
  body { font-family:sans-serif; }
  div#container { width:50%; }
  div#before { background-color:#ECECEC; }
  div#main { border:1px solid blue; position:relative; }
  div#main1 { background-color:#EEEEEE; float:left; width:33%; height:130px; }
  div#main2 { background-color:#EEEEEE; float:left; width:33%; height:130px; }
  div#main3 { background-color:#EEEEEE; float:left; width:33%; height:130px; }
  div#after { background-color:#ECECEC; clear:left; }
</style>

<div id='container'>
  <div id='before'>This is the div before the main div.</div>
  <div id='main'>This is main1. It is the first div nested in main.</div>
  <div id='main1'>This is main1. It is the first div nested in main.</div>
  <div id='main2'>This is main2. It is the second div nested in main.</div>
  <div id='main3'>This is main3. It is the third div nested in main.</div>
  <div id='after'>This is the div after the main div.</div>
</div>
```
CSS Tips

• Use **LVHA** for link styling
  Link styles should be put in the following order: Link, Visited, Hover, Active
  a:link, a:visited { text-decoration: none; }
  a:hover, a:active { text-decoration:underline; }

• Never use !important for specificity

• One unique id per page (for JavaScripts)

• div p {color:salmon;} ≠ div, p {color:salmon;}
XML / XSLT Tips

• Must be well-formed
  Every start tag <> has a corresponding end tag ///</>
  ✓<h1>some text</h1> non-empty elements
  ✓<br /> empty elements
  ✓<hr/> empty elements

• Must be nested properly
  <div><b><i>My Copy</i></b></div>

• Indenting will help humans (including yourself) understand your XML.
XML / XSLT Tips

• 5 predeclared special characters:
  - &amp;  (& or “ampersand”)
  - &lt;  (< or “less than”)
  - &gt;  (> or “greater than”)
  - &apos;  (‘ or “apostrophe”)
  - &quot;  (“ or “quotation mark”)

• disable-output-escaping="yes"
  <xsl:text disable-output-escaping="yes">&lt;</xsl:text> = <
JavaScript Tips

• Indent your code
• Comment your non-obvious code
• Use Firefox with FireBug for debugging
• Test for objects before using them!

```javascript
function hideElement(my_element) {
  if(document.getElementById && document.getElementById(my_element)) {
    document.getElementById(my_element).style.visibility = 'hidden';
  } else {
    so something else...
  }
}
```

Check to make sure the browser understands this function.

Check to make sure the element exists.
Tricks
Ex Libris Default Skin

Basic Search

Database: My Library Catalog

![Search Form](image)

**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?
TCC Libraries, August 2008

Basic Search

Search: [ ] within [ ] Keyword Anywhere

Limit To: All Material (Keyword and Title Searches Only)

Records per page: 25 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?
Tickets Available for May 3 Larry Gatlin Concert

TCC Highlights
Each time Fort Worth Police Department Det. Jeremy Spann prepares a warrant, investigates a case, or interviews victims, witnesses or suspects, he draws Mike Searcy's 2003

Latest News
04/16/09
Virtual Grocery Store will Help Developmentally Challenged Youth
04/16/09
TCC South Campus Plans Earth Day Events
04/23/09
TCC Trinity River Campus Opens Registration for Inaugural Term

Calendar of Events
The Opening V: Annual Juried Student Art Exhibition 2009
April 13, 2009 - April 30, 2009, 12:00 pm - 3:00 pm, South
Student Success Days
April 21, 2009 - April 22, 2009, 8:20 am - 1:00 pm, Northwest
Need-a-Job/Got-a-Job Job Fair
April 23, 2009, 9:00 am - 2:00 pm, Southeast
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Each time Fort Worth Police Department Det. Jeremy Spann prepares a warrant, investigates a case, or interviews victims, witnesses or suspects, he draws upon his special talents. 2003

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MORE NEWS
MORE EVENTS
Student Services

Student Handbook
A Student Handbook is available here: Student Handbook.

Counseling Centers
At each campus, a qualified staff of counselors and advisors is available for consultation with students. Counselors are prepared to discuss matters of academic, career, and personal-social concern. Services are available during the day and evening hours. Advisement and testing information are available in each campus Counseling Center.

As one portion of TCC’s advisement program, faculty, advisors, and counselors assist students in their programs of study. To comply with regulations of the Texas Success Initiative, all first-time college students must participate in the testing and advisement process. New students must complete admission processing prior to testing and advisement. Returning and reactivation students are urged to review their academic plans and consult with their program coordinator, counselor, or advisor prior to each registration.

Students are strongly encouraged to complete advisement prior to their initial registration.

Testing Centers
A Testing Center on each campus administers placement tests, including Accuplacer, THEA (formerly TASP), and various departmental placement tests. Information on the Texas Success Initiative is available in the campus Testing Centers. Testing Centers also administer the College’s program of credit-by-examination and interpret test scores for advanced placement. Students with appropriate work experience or training are urged to contact the Testing Center to determine if credit-by-examination/experience is available and appropriate in a particular area.

Other services offered through the Testing Centers vary by campus, but usually include career development assessment for students needing assistance in choosing a major field of study or career pathway. Hours of
total 360
  drwxr-xr-x  7 voyager  endeavor  14 Apr  17 13:20  ./
  drwxr-xr-x 13 voyager  endeavor  14 Jan 29 09:36  ../
  drwxr-xr-x  4 voyager  endeavor  50 Jul  23 2008 css/
-rwxr-xr-x  1 voyager  endeavor  8144 Jun 24 2008 holdingsInfo.vbib.properties*
-rwxr-xr-x  1 voyager  endeavor  8144 Jun 24 2008 holdingsInfo.vcit.properties*
-rwxr-xr-x  1 voyager  endeavor  8144 Jun 24 2008 holdingsInfo.zbib.properties*
-rwxr-xr-x  1 voyager  endeavor  8144 Jun 24 2008 holdingsInfo.zcit.properties*
  drwxr-xr-x  3 voyager  endeavor  4 Jun  24 2008 htdocs/
  drwxr-xr-x  3 voyager  endeavor  63 Jun  24 2008 images/
-rwxr-xr-x  1 voyager  endeavor  10791 Jun 24 2008 internal.properties*
  drwxr-xr-x  2 voyager  endeavor  18 Jun  24 2008 jscripts/
-rwxr-xr-x  1 voyager  endeavor  23006 Jun 24 2008 mapSearch.properties*
-rwxr-xr-x  1 voyager  endeavor  97468 Jun 24 2008 webvoyage.properties*
  drwxr-xr-x  9 voyager  endeavor  54 Jun  24 2008 xsl/
[VGER] voyager@lib-dev : sandbox/ => mv css css.bak
[VGER] voyager@lib-dev : sandbox/ => mkdir css
[VGER] voyager@lib-dev : sandbox/ => ls -Fla
total 361
  drwxr-xr-x  8 voyager  endeavor  15 Apr 27 14:51  ./
  drwxr-xr-x 13 voyager  endeavor  14 Jan 29 09:36  ../
  drwxr-xr-x  2 voyager  endeavor  2 Apr 27 14:51  css/
  drwxr-xr-x  4 voyager  endeavor  50 Jul  23 2008 css.bak/
-rwxr-xr-x  1 voyager  endeavor  8144 Jun 24 2008 holdingsInfo.vbib.properties*
-rwxr-xr-x  1 voyager  endeavor  8144 Jun 24 2008 holdingsInfo.vcit.properties*
-rwxr-xr-x  1 voyager  endeavor  8144 Jun 24 2008 holdingsInfo.zbib.properties*
-rwxr-xr-x  1 voyager  endeavor  8144 Jun 24 2008 holdingsInfo.zcit.properties*
  drwxr-xr-x  3 voyager  endeavor  4 Jun  24 2008 htdocs/
  drwxr-xr-x  3 voyager  endeavor  63 Jun  24 2008 images/
-rwxr-xr-x  1 voyager  endeavor  10791 Jun 24 2008 internal.properties*
  drwxr-xr-x  2 voyager  endeavor  18 Jun  24 2008 jscripts/
-rwxr-xr-x  1 voyager  endeavor  23006 Jun 24 2008 mapSearch.properties*
-rwxr-xr-x  1 voyager  endeavor  97468 Jun 24 2008 webvoyage.properties*
  drwxr-xr-x  9 voyager  endeavor  54 Jun  24 2008 xsl/
[VGER] voyager@lib-dev : sandbox/ => 

Main Navigation Bar

- Search
- My Searches
- My List
- My Account

New Search: [search field] Go Search History

Titles

Database: My Library Catalog
2596 results found
All Fields (medicine)

Search Action Navigation

- Edit Search
- Save Search

Jumpbar Result Navigation

- 1
- 2
- 3
- ...  
- 260
- Next

Results action navigation bar
These links can be selected to filter search results

- add filter: Videos
- add filter: English language materials
- add filter: 2006 And After

Corrosion of Medicine: Can the Profession Reclaim Its Moral Legacy?
Greyman, John, M.D./ Angell, Marcia (FRW)

No call number
no item information, Northeast Library Circulating Collection

Medicine meets virtual reality 14 [electronic resource]: accelerating change in healthcare: next medical toolkit / edited by James D. Westwood ... [et al.]
Medicine Meets Virtual Reality (14th : 2006)
2006
List of Titles in the ebrary E-Book Collection
no item information, Electronic Resource


2003
List of Titles in the ebrary E-Book Collection
no item information, Electronic Resource

Current review of Chinese medicine [electronic resource]: quality control of herbs and herbal materials / chief editor, Ping-Chung Leung; editors, Harry Fong, Charlie Changli Xue.

2006
List of Titles in the ebrary E-Book Collection
no item information, Electronic Resource
Page Flow

• Using large margins to force elements up/down or left/right

• This would be easier if everything flowed
  Top  Left → Right
  ↓
  Bottom
Main Navigation Bar

- Search
- My Searches
- My List
- My Account

New Search: [Input]

Search History

Titles

Database: My Library Catalog
2596 results found
All Fields (medicine)

Search Action Navigation

- Edit Search
- Save Search

Jumpbar Result Navigation

- 1
- 2
- 3
- ... (Ellipsis)
- 260
- Next

Results action navigation bar

1 2 3
Main Navigation Bar
- Search
- My Searches
- My List
- My Account

Titles
New Search: 
Database: My Library Catalog
2596 results found
All Fields (medicine)

Search Action Navigation
- Edit Search
- Save Search

Jumpbar Result Navigation
- 1 2 3
- ...
- 2 6 0
- Next

Results action navigation bar
- Print
Add Style Sheets

• Used the same stylesheet names
• Started with frameWork.css
• Copied & pasted what I needed from Mel’s
• Copied & pasted from design company
• Left out some style sheets (e.g. header.css)
• Added 2 major div elements
  – <div id='sidebar'>
  – <div id='contentWrapper'>
WebVoyage Default

- pageContainer
- pageHeader
- mainContent
- pageFooter
Tarrant County College

- pageContainer
  - pageHeader
  - mainContent
    - sidebar
    - contentWrapper
  - pageFooter
<div id="sidebar">Sidebar code</div>

quickSearchBar moved from under header

Start of contentWrapper

Search forms
Search results
Other content

End of contentWrapper

End of mainContent
CSS Tips

- padding applies within a block
- margin applies outside a block

- `display:none;` removes the block from the flow
- `visibility:hidden;` does not remove the block

- `<div style='display:inline;'>` = `<span>`
- `<span style='display:block;'>` = `<div>`
Session timeout

- Takes over the browser
- Doesn’t provide the user with options
- Pop-up blockers may block it
- Always tells the user there are 2 minutes left
Session timeout

- Does not take over the browser
- Provides the user with options
- Pop-up blockers will not block it
- Users can drag it and see through it
- Counts down the number of seconds left
Session Timeout

1. http://lib-serv.tccd.edu/code/webvoyage/
2. Copy tcc_timeout_javascript.js to jscripts/
3. Copy tcc_timeout_stylesheet.css to css/
4. Back up footer.xsl
5. Edit footer.xsl
6. Back up frameWork.xsl
7. Edit frameWork.xsl
...copyright notice...
</xsl:for-each>

<!-- ########################### Timeout ########################### -->
<div id='tcc_timeout_container'>
  <div id='tcc_timeout_title'>Session Timeout</div>
  <div id='tcc_timeout_message'></div>
  <div id='tcc_timeout_page_refresh'>
    <script type='text/javascript'>
      document.write('&lt;a href=&apos;&apos; + window.location.href + '&apos;&apos;&gt;Continue Session&lt;/a&gt;');</n    </script>
  </div>
</div>

<div id='tcc_timeout_session_refresh'>
  <a href='/vwebv/exit.do'>New Session</a>
</div>

<script type='text/javascript'>
  var dragBase = document.getElementById('tcc_timeout_container');
  var dragHandle = document.getElementById('tcc_timeout_title');
  tccDrag.init(dragBase, dragHandle, '400px', '250px');
</script>

<!-- ########################### Timeout ########################### -->
</xsl:template>
<script type="text/javascript">
    var msg;
    var timeOut;
    var seconds;
    function timedMsg(time, grace, txtMsg)
    {
        msg = txtMsg;
        timeOut = (time - grace) * 60000;
        seconds = grace * 60;
        //setTimeout("alert(msg)", timeOut);
        setTimeout("tcc_display_timeout(msg)", timeOut);
    }
</script>
<script type="text/javascript" src="${jscript-loc}pageInputFocus.js"/>
<script type="text/javascript" src="${jscript-loc}tcc_timeout_javascript.js"/>

... more code here...

<xsl:copy-of select="$myCSS"/>
<style type="text/css" media="screen,print">
@import "<xsl:value-of select="$css-loc"/>tcc_timeout_stylesheet.css";
</style>
<xsl:text disable-output-escaping = "yes">\&lt;!--[if IE]\&gt;</xsl:text>
Session timeout

- Change colors and other style elements in tcc_timeout_stylesHEET.css
- Change size in footer.xsl:
  
  tccDrag.init(dragBase, dragHandle, '400px', '250px');
A bird in the hand...
jscripts/highlight.js

A bird in the hand...

✓ Highlights within quotation marks.
✓ Only highlights words surrounded by spaces or plural.
✓ Highlights words over 1 character in length.
✓ Will not highlight words in the stop_words array.
jscripts/highlight.js

1. [http://lib-serv.tccd.edu/code/webvoyage/highlight](http://lib-serv.tccd.edu/code/webvoyage/highlight)
2. Back up highlight.js
3. Drop in the new highlight.js

- Compares search terms to a list of words we do not want highlighted.
- Each word must be contained in single quotes
- Put commas between words only

```javascript
var stop_words = new Array
('is','to','the','for','in','and','with','from');
```
Opposing Viewpoints in Social Issues

Other Author(s): Dudley, William, 1964-
Publisher: San Diego, Calif. : Greenhaven Press, c2000.
0787701234 (lib. bdg. : alk. paper)
Description: 380 p. ; 23 cm.
Format: Book
Contents:
Why consider opposing viewpoints?
Can gun control laws prevent violence?
The prevalence of guns contributes to violent crime / Richard Harwood
The prevalence of guns does not contribute to violent crime / Daniel D. Pauly
Allowing people to carry concealed handguns reduces violent crime / Jeffrey R. Snyder
Allowing people to carry concealed handguns will increase violent crime / Douglas Weil, Bill Kolender
Guns should be banned from schools / Jay Nixon
Adults should be permitted to carry guns in schools / John R. Lott Jr.
Is abortion justifiable?
Abortion is murder / Benjamin J. Stein
Abortion is not murder / Paul Savoy
Rape justifies abortion / Barbara Hernandez
Rape does not justify abortion / American Life League
Having an abortion can be harmful to a woman's health / David C. Reardon
The harms of having an abortion have been exaggerated / Sharon Lerner
Is affirmative action necessary?
Affirmative action counters discrimination / Hilary O. Shelton
Affirmative action is an ineffective remedy for discrimination / John O'Sullivan
Racial preferences in higher education are necessary / Nathan Glazer
Racial preferences in higher education must be abolished / Carl Cohen
Women need affirmative action programs to fight discrimination / Judy L. Lichtman, Joceyn C. Frye, Helen Norton
Women do not need affirmative action programs / Susan Au Allen
Is alcohol beneficial for human health?
Moderate alcohol consumption reduces the risk of heart disease / Wine Institute
Alcohol should not be touted as a heart disease preventative / Michael H. Croqui
The health benefits of moderate drinking should be promoted / Stanton Peele
The health benefits of moderate drinking should not be promoted / Robert Zimmerman
Pregnant women should abstain from alcohol to prevent birth defects / March of Dimes
The harms of moderate drinking during pregnancy have been overstated / Ernest L. Abel
Is the death penalty just and effective punishment?
The death penalty is moral / Robert James Bidetto
The death penalty is immoral / Helen Prejean
The death penalty is immoral / Helen Prejean
The death penalty deters capital crimes / George Pataki
The death penalty does not deter capital crimes / Hugo Adam Bedau
The death penalty discriminates against African Americans / Jesse Jackson
The death penalty does not discriminate against African Americans / David Andrew Price
Should assisted suicide be legal? / Physican-assisted suicide should be legalized / Faye Girsh
Physician-assisted suicide should not be legalized / Ezekiel Emanuel
Assisted suicide can be a compassionate response to the dying / Arthur Ripkin
Assisted suicide is an immoral response to the dying / Charles J. Chaput
Legalizing assisted suicide may become necessary to cut health care costs / Derek Humphry, Mary Clement
Cutting health care costs cannot justify legalizing assisted suicide / Evan J. Kemp Jr.
Should limits be placed on genetic engineering? / James D. Watson
Genetic engineering of humans should be permitted / David King
Genetic engineering of humans should not be permitted / John F. Kliner
Human cloning should be banned / John A. Robertson
Restrictions should be placed on the genetic engineering of food / John B. Fagan
Restrictions should not be placed on the genetic engineering of food / Dennis Avery
What should govern public health policies on smoking? / Public health policy should emphasize corporate responsibility / Joseph L. Andrews Jr.
Public health policy should emphasize individual responsibility / John E. Coffee
The threat of secondhand smoke justifies smoking restrictions / John R. Garrison
The threat of secondhand smoke has been overstated / Jacob Sullum
Smoking should be treated as nicotine addiction / Tamar Nordenberg
Smoking is not a simple matter of nicotine addiction / Richard J. DeGrandpre.

Series: Opposing viewpoints series
Subjects: Social problems.
Summary: Includes bibliographical references (p. 338-347) and index.
| Title: Opposing viewpoints in social issues | William Dudley, book editor. |
| Other Author(s): Dudley, William, 1964- |
| Publisher: San Diego, Calif. : Greenhaven Press, c2000. |
| Description: 360 p. ; 23 cm. |
| Format: Book |
| Contents: Opposing viewpoints series |
| Series: |
| Subjects: Social problems. |
| Summary: Includes bibliographical references (p. 338-347) and index. |

**Holdings Information**

| Location: Northeast Library Circulating Collection |
| Call Number: HN59.2 .S624 2000 |
| Number of Items: 1 |
| Status: c.1 Charged - Due on 05-09-2009 |

| Location: Northwest Library Circulating Collection |
| Call Number: HN59.2 .S624 2000 |
| Number of Items: 1 |
| Status: Available |

| Location: Southeast Library Circulating Collection |
| Call Number: HN59.2 .S624 2000 |
| Number of Items: 1 |
| Status: Available |
css/displayCommon.css

http://exlibrisgroup.org/display/Voyager/WebVoyage+7+(Tomcat)+Toggle+Record+Display+Fields

Back up displayCommon.css
At the end of displayCommon.css, add:

.fieldLabelSpan { cursor:pointer; }
Back up highLight.js (any JavaScript file loaded by holdingsInfo)
At the end of highLight.js, add:

```javascript
function tcc_toggle(elementName) {
    if(document.getElementById && document.getElementById(elementName)) {
        if(document.getElementById(elementName).style.display == 'none') {
            document.getElementById(elementName).style.display = 'block';
        } else {
            document.getElementById(elementName).style.display = 'none';
        }
    }
}
```
<xsl:when test="string-length($displayData)">
  <div class="fieldLabel">
    <span class="fieldLabelSpan">
      <xsl:choose>
        <xsl:when test="string-length(@label)">
          <a>
            <xsl:attribute name="onclick">
              tcc_toggle('<xsl:value-of select="@label"/>');
            </xsl:attribute>
            <xsl:attribute name='title'>
              Hide or Show <xsl:value-of select="@label"/>
            </xsl:attribute>
          </a>
        </xsl:when>
      </xsl:choose>
    </span>
  </div>
</xsl:when>
(continued on next slide...)
<xsl:otherwise>

</xsl:otherwise>
</xsl:choose>
</span>
</div>
<div class="fieldData">
   <xsl:attribute name="id">
      <xsl:value-of select="@label"/>
   </xsl:attribute>
   <xsl:copy-of select="$displayData"/>
</div>
</xsl:when>
<li class="bibTag">
    <div class="fieldLabel">
        <span class="fieldLabelSpan">Title:</span>
    </div>
    <div class="fieldData">
        <span class="subfieldData">
            Opposing viewpoints in social issues / William Dudley, book editor.
        </span>
    </div>
</li>
<li class="bibTag">
  <div class="fieldLabel">
    <span class="fieldLabelSpan">
      <a onclick="tcc_toggle('Title:');" title="Hide or Show Title:">Title:</a>
    </span>
  </div>
  <div class="fieldData id="Title:"">
    <span class="subfieldData">
      Opposing viewpoints in social issues / William Dudley, book editor.
    </span>
  </div>
</li>
<li class="bibTag">
    <div class="fieldLabel">
        <span class="fieldLabelSpan">
            <a onclick="tcc_toggle('Title:');" title="Hide or Show Title:">
                Title:
            </a>
        </span>
    </div>
    <div class="fieldData id="Title:">
        <span class="subfieldData">
            Opposing viewpoints in social issues / William Dudley, book editor.<br>
        </span>
    </div>
</li>
Title: Opposing viewpoints in social issues
Other Author(s): Dudley, William, 1964-
Publisher: San Diego, Calif. : Greenhaven Press, c2000.
0737701234 (lib. bdg. : alk. paper)
Description: 360 p. ; 23 cm.
Format: Book
Contents: Opposing viewpoints series
Series: Opposing viewpoints series
Subjects: Social problems.
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Holdings Information
Location: Northeast Library Circulating Collection
Call Number: HN59.2 .S624 2000
Number of Items: 1
Status: c.1 Charged - Due on 05-09-2009
Location: Northwest Library Circulating Collection
Call Number: HN59.2 .S624 2000
Number of Items: 1
Status: Available
Location: Southeast Library Circulating Collection
Call Number: HN59.2 .S624 2000
Number of Items: 1
Status: Available
webvoyage.properties

page.search.basic.title=WebVoyáge Basic Search
page.search.basic.heading=Basic Search

page.search.basic.title=TCC Libraries Basic Search
page.search.basic.heading=

Home > Libraries > Find Books > Search
function createBreadCrumbs() {
    var oPath = new String(window.location.pathname);
    if(oPath.indexOf("vwebv/search") > 0 || oPath.indexOf("vwebv/enterCourse") > 0 ||
        oPath.indexOf("vwebv/my") > 0 || oPath.indexOf("vwebv/holdings") > 0) {

        if(document.getElementById && document.getElementById("pageHeadingTitle")) {
            var sPageHeadingTitle = document.getElementById("pageHeadingTitle").innerHTML;
            var oString = new String(sPageHeadingTitle);

            oString = oString.replace("Home", "<a href='http://www.tccd.edu'>Home</a>");
            oString = oString.replace("Libraries", "<a href='http://library.tccd.edu'>Libraries</a>");
            oString = oString.replace("Find Books", "<a href='vwebv/searchBasic'>Find Books</a>");

            document.getElementById("pageHeadingTitle").innerHTML = oString.valueOf();
        }
    }
}
<body class="frameWorkUI" onLoad="setFocus('{/page:page/@nameId}')
{$highlightNodes};
timedMsg({$timeout}, {$grace}, '{$timeoutMessage}');
createBreadCrumbs();">
New Titles


Pottery on the wheel / Elsbeth S. Woody ; photographs by Steven Smolker.

Grandpa, is everything black bad? / story by Sandy Lynne Holman ; illustrated by Lelia Kometani.

Godfather [videorecording] : the Coppola restoration / Paramount Pictures presents ; screenplay by Mario Puzo and Francis Ford Coppola ; produced by Albert S. Ruddy ; directed by Francis Ford Coppola.
# Configuration - Stuff you can change relatively safely
# Change this to your WebVoyage domain. Ours is library.tccd.edu
my $library_domain = "your.library.domain";

# The maximum number of books that should appear in your feed
my $total_number_of_books_to_retrieve = 8;

# The number of books to appear per location
my $total_number_of_books_per_location = 2;

# The number of weeks to dig back until we reach the maximum number of books.
my $total_number_of_weeks_in_new_books = 4;

# Name and description of your RSS feed
my $feed_title = "Your Library Name New Books";
my $feed_description = "Select new titles available at your library.";

# An image you can use in your RSS feed
# This image isn't used for embedding in search page, but can be used for other R
# Example my $logo_image_url = "http://path_to_your_institution_logo";
# Example my $logo_image_title = "Your Logo Title"
my $logo_image_url = "";
my $logo_image_title = "Your Logo Title";

# These are locations names that appear in your newBooks.txt file
# Enter locations exactly as they appear in newBooks.txt
# Do not change the zero (0).
my %locations = {
    "Location Number 1" => 0,
    "Location Number 2" => 0,
    "Location Number 3" => 0,
    "Location Number 4" => 0,
};

# You shouldn't have to change these if you have the default installation
my $holdingsInfo_url = "http://$library_domain/webv/holdingsInfo?bibid=";
my $feed_url = "http://$library_domain/webv/new_books.cgi";
my $file = "../../newbooks/newBooks.txt";
new_books_mini.cgi in Firefox

Tarrant County College Libraries New Books
Random new titles available at TCC libraries.

Mon, Apr 27, 2009 4:00 AM
Northeast Library Circulating Collection

Following the rhythms of life : the ceramic art of David Shaner / edited by Peter Held ; essays by Jack Troy, Peter Held ; with contributors Conan Putnam, Hollis Walker.
Mon, Apr 27, 2009 4:00 AM
Northwest Library Circulating Collection

Grandpa, is everything black bad? / story by Sandy Lynne Holman ; illustrated by Lela Kometiani.
Mon, Apr 27, 2009 4:00 AM
South Library Circulating Collection

New tech, new ties : how mobile communication is reshaping social cohesion / Rich Ling.
Mon, Apr 27, 2009 4:00 AM
Southeast Library Circulating Collection
<rss version='2.0' xmlns:atom='http://www.w3.org/2005/Atom'>
  <channel>
    <title>Tarrant County College Libraries New Books</title>
    <link>http://library.tccd.edu/vwebv/newBooks.cgi?sk=en_US</link>
    <description>Random new titles available at TCC libraries.</description>
    <language>en-us</language>
    <atom:link href='http://library.tccd.edu/vwebv/new_books.cgi' rel='self' type='application/rss+xml' />
    <image>
      <url>http://library.tccd.edu/vwebv/ui/tcc_images/tcc_logo_2008.jpg</url>
      <title>Tarrant County College District Logo</title>
      <link>http://library.tccd.edu/vwebv/newBooks.cgi?sk=en_US</link>
    </image>
    <item>
      <description>Northeast Library Circulating Collection</description>
      <pubDate>Mon, 27 Apr 2009 03:00:00 -0006</pubDate>
      <guid>http://library.tccd.edu/vwebv/holdingsInfo?bibId=321893</guid>
      <link>http://library.tccd.edu/vwebv/holdingsInfo?bibId=321893</link>
    </item>
    <item>
      <title>Following the rhythms of life : the ceramic art of David Shaner / edited by Peter Held ; essay by Peter Held</title>
      <description>Northwest Library Circulating Collection</description>
      <pubDate>Mon, 27 Apr 2009 03:00:00 -0006</pubDate>
      <guid>http://library.tccd.edu/vwebv/holdingsInfo?bibId=358445</guid>
      <link>http://library.tccd.edu/vwebv/holdingsInfo?bibId=358445</link>
    </item>
    <item>
      <title>Grandpa, is everything black bad? / story by Sandy Lynne Holman ; illustrated by Lela Kometich.</title>
      <description>South Library Circulating Collection</description>
      <pubDate>Mon, 27 Apr 2009 03:00:00 -0006</pubDate>
      <guid>http://library.tccd.edu/vwebv/holdingsInfo?bibId=337093</guid>
      <link>http://library.tccd.edu/vwebv/holdingsInfo?bibId=337093</link>
    </item>
    <item>
      <title>New tech, new ties : how mobile communication is reshaping social cohesion / Rich Ling.</title>
      <description>Southeast Library Circulating Collection</description>
      <pubDate>Mon, 27 Apr 2009 03:00:00 -0006</pubDate>
      <guid>http://library.tccd.edu/vwebv/holdingsInfo?bibId=363156</guid>
      <link>http://library.tccd.edu/vwebv/holdingsInfo?bibId=363156</link>
    </item>
  </channel>
</rss>
<xsl:variable name="lowercase" select=""abcdefghijklmnopqrstuvwxyz"" />
<xsl:variable name="uppercase" select=""ABCDEFGHIJKLMNOPQRSTUVWXYZ"" />
<xsl:variable name="NewBooks"
  select="document('http://your.library.domain/vwebv/new_books_mini.cgi')"/>
<xsl:variable name="new_books" select="$NewBooks/rss/channel"/>
<xsl:if test="$Configs/pageConfigs/pageHTML/page[@name=$pageNameld]\[@position=$position\]">
  <div class="pageHTMLSnippet">
    <xsl:copy-of select="$Configs/pageConfigs/pageHTML/page[@name=$pageNameld]\[@position=$position\]/node()"/>
  </div>
</xsl:if>

<xsl:if test="$pageNameld='page.searchBasic'">
  <div id="new_books">
    <ul>
      <xsl:for-each select="$new_books/item">
        <li>
          <xsl:attribute name="class"><xsl:value-of select="description"/></xsl:attribute>
          <a>
            <xsl:attribute name="href"><xsl:value-of select="link"/></xsl:attribute>
            <xsl:attribute name="title"><xsl:value-of select="description"/></xsl:attribute>
          </a>
        </li>
      </xsl:for-each>
    </ul>
  </div>
</xsl:if>
1. Corrosion of Medicine: Can the Profession Reclaim Its Moral Legacy?
   Greyman, John, M.D./ Angell, Marcia (FRW)
   No call number
   no item information, Northeast Library Circulating Collection

   Medicine Meets Virtual Reality (14th : 2006)
   2006
   List of Titles in the ebrary E-Book Collection
   no item information, Electronic Resource

   2003
   List of Titles in the ebrary E-Book Collection
   no item information, Electronic Resource
Numbered Search Results

Second page of results, 25 results per page

   R723 .F76 1976
   available, South Library Circulating Collection

   1962
   E98.M4 S8 1962
   available, South Library Circulating Collection

   Cole, Brian J. (EDT)/ Sekiya, Jon K., M.D. (EDT)
   2008
   No call number
   no item information, Northeast Library Reference Collection
<xsl:variable name="checkBoxId"/>

<xsl:value-of select="page:value"/>

</xsl:variable>
By Eric A. Meyer
November 2006

By David Flanagan
August 2006

By Thomas Powell & Fritz Schneider
August 2004

Download all code and instructions from
http://lib-serv.tccd.edu/code/
Java and XSLT
By Eric M. Burke
September 2001

Learning Perl, Fifth Edition
By Randal L. Schwartz, Tom Phoenix, brian d foy
July 2008

Programming Perl, Third Edition
By Larry Wall, Tom Christiansen & Jon Orwant
July 2000

Download all code and instructions from
http://lib-serv.tccd.edu/code/
Bonus Tip: Sorting Filters

• In xsl/contentLayout/cl_resultsTitles.xsl

```xml
<xsl:variable name="filtersOFF">
  <xsl:for-each select="page:element[@nameId='page.searchResults.filtersBlock.filtersBlock(filters).link']">
    <xsl:sort select="page:linkText"/> <!-- sort filters alphabetically by link text -->
  </xsl:for-each>
</xsl:variable>
```

http://exlibrisgroup.org/display/Voyager/WebVoyage+7+(Tomcat)+Sorting+Filters+in+Search+Results

Thank You!

Download all code and instructions from http://lib-serv.tccd.edu/code/