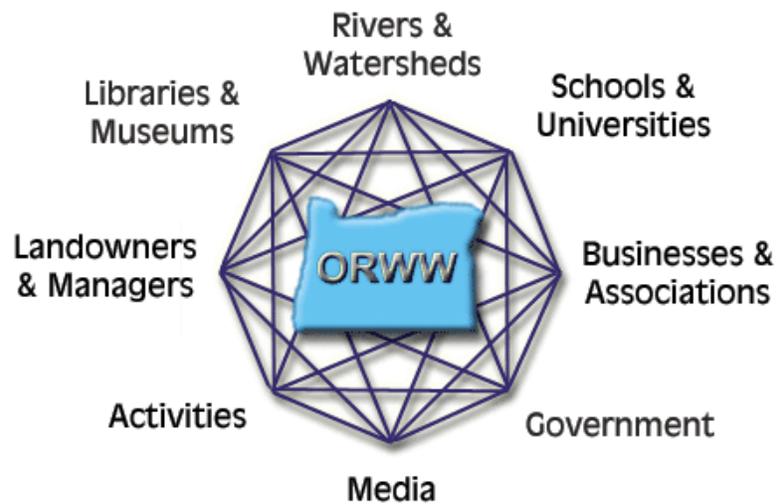


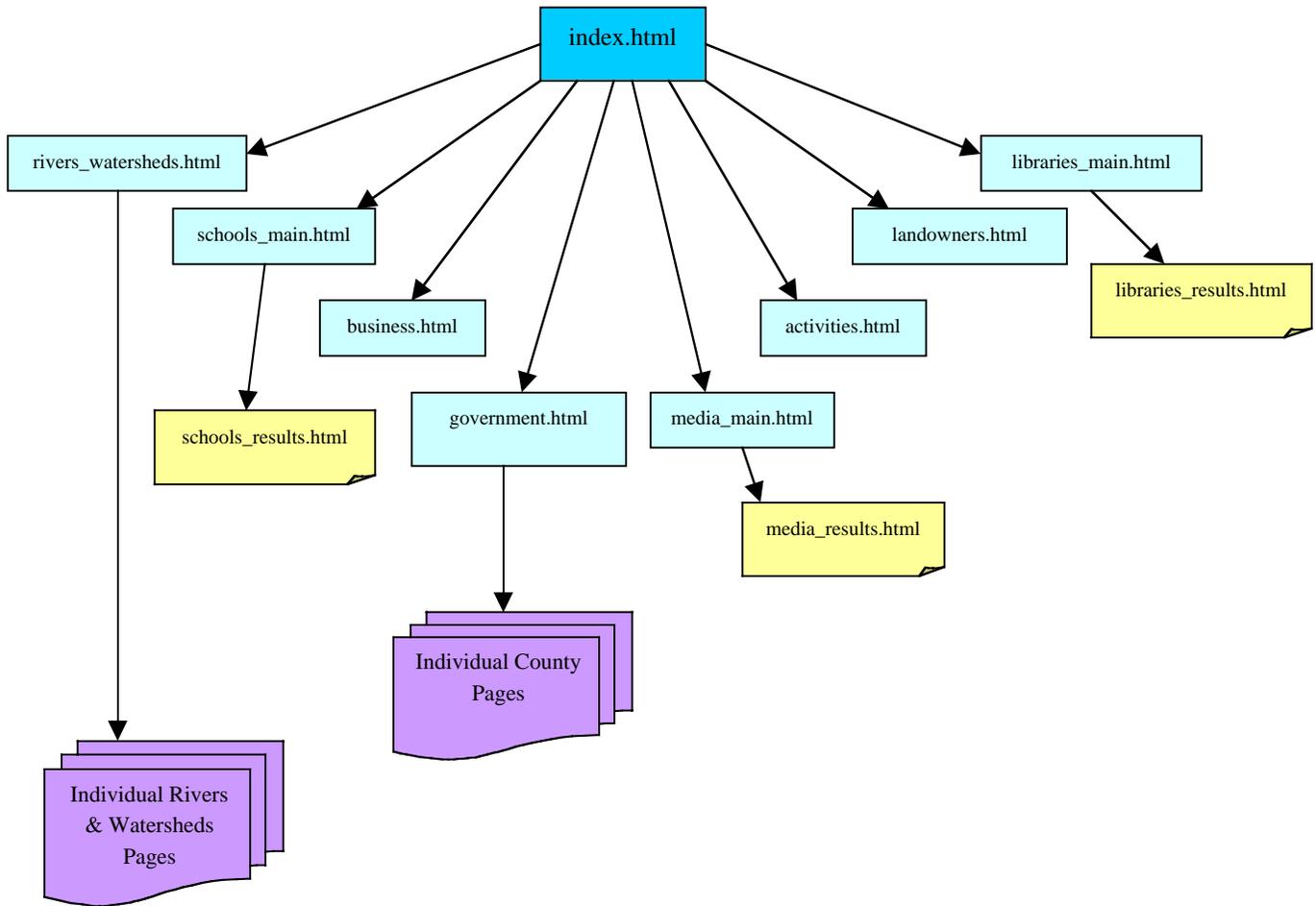
Oregon Lynx Project

Website Requirements Specification



Albert Thorn & Bob Zybach
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Oregon Lynx Website Map:



Primary Navigational Web Pages:

Web Page Name	Description	Links	Search Criteria
index.html	Links to the primary 8 navigational pages on the site	Rivers & Watersheds, Schools & Universities, Businesses & Associations, Government, Media, Activities, Landowners & Managers, Libraries & Museums	--
rivers_watersheds.html	Displays a list of Oregon rivers and watersheds, along with the rivers they in turn flow into	One link per river and watershed	--
schools.html	Users select the subset of schools they are interested in based on simple search criteria	Simple query and option to download entire dataset	city, county, river, grade range, public, private
business.html	Lists businesses and associations that sponsor the ORWW project	Links to respective businesses.	--
government.html	Index and links to Federal and State government elected officials	One for each county	--
media_main.html	Users select the subset of schools they are interested in based on simple criteria	Simple query and option to download entire dataset	state, city, county, type
activities.html	List of links to activities associated with specific watersheds; indexed by category.	One for each activity.	--
landowners.html	Links to major Oregon landowners	Federal: Forest Service, BLM, Parks, Reserves, Highways Indian: Siletz, Paiute, Umatilla, Kalamath, Warm Springs, Grande Ronde, Coquella, Cow Creek State: Forests, Parks, Highways County: County Forests, Tax Lands, Private	--
libraries.html	Users select the subset of schools they are interested in based on simple criteria	Simple query and option to download entire dataset	federal, state, county, school & university

Secondary Content-Containing Web Pages:

Web Page Name	Description	Database Files Used
Individual Rivers and Watershed Pages	<p>Links associated with a specific river or watershed. <i>Example: marys_river.html</i></p> <p>Special Case Web Pages [Columbia, Willamette, and Pacific Ocean]:</p> <p>For all rivers and creeks that drain into the <u>Columbia</u> or a tributary of the <u>Columbia</u>, list the links from the respective rivers. Do not display redundant entries.</p> <p>For all rivers and creeks that drain into the <u>Willamette</u> or a tributary of the <u>Willamette</u>, list the links from the respective rivers. Do not list redundant entries.</p> <p>For all rivers (except the Columbia) and creeks that drain directly into the ocean, list the links from the respective rivers. Do not list redundant entries.</p> <p>For Special Case Web Pages, always display the first 10 links. If more than ten, provide a link to a table displaying all of the links.</p>	river_links
Individual County Pages	<p>Links associated with specific Counties <i>Example: benton_county.html</i></p>	county_links
schools_results.html	Displays results which match the search criteria. Allows user to enter another search.	oregon_schools
media_results.html	Displays results which match the search criteria. Allows user to enter another search.	oregon_media
libraries_results.html	Displays results which match the search criteria. Allows user to enter another search.	oregon_libraries

Database Files Used To Generate Web Pages:

Database Name	Column Characterization <i>name [type] - # of characters</i> relational columns in bold	Frequency Of Database Updates
Oregon_Libraries	Library Name [text] - 100 Library_Class [text] - 20 Address [text] - 150 ZIP [number] - 15 City [text] - 100 Phone [text] - 15 Email [text] - 100 Library_URL [text] - 250	If we can locate an existing dataset, then we will update this database once and then probably leave it alone. If we have to enter the records manually, then we will need to update this database regularly.
Oregon_Media	Name [text] - 100 Type [text] - 50	If we can locate an existing, then we will update this database once and then probably

	Address [text] - 150 ZIP Code - 15 City [text] - 100 County [text] - 75 Phone [text] - 15 Fax [text] - 15 Email [text] - 100 URL [text] - 250	leave it alone. If we have to enter the records manually, then we will need to update this database regularly.
Oregon_Schools	<i>There are 30 columns in this dataset. Only the following are relevant to our project:</i> Name [text] - 100 Type [text] - 25 County [text] - 75 Mail Street Address [text] - 150 Mail_City [text] - 100 Mail_State [text] - 2 Mail_ZIP [number] - 15 Voice_Phone [text] - 15 Fax_Phone [text] - 15 TollFree_Phone [text] - 15 Grade_Min [number] - 2 Grade_Max [number] - 2 School District [number] - 10 ESD [number] - 10 Email [text] - 100 URL [text] - 250	We will need to update the Grade Range columns, School District, ESD, email, and URL columns regularly.
Oregon_Landowners_Managers	Link_Type [text] - 50 Link_Class [text] - 50 Link_Name [text] - 50 Link_URL [text] - 250 Link_Description [text] - 250	Update entire database regularly.
County_Links	County [text] - 75 Link Category [text] - 50 Link Title [text] - 50 Link URL [text] - 250 Link Description [text] - 250	Update entire database regularly.
River_Links	River [text] - 75 Link Category [text] - 50 Link Title [text] - 50 Link URL [text] - 250 Link Description [text] - 250	Update entire database regularly.
County_Basic_Info	County [text] - 75 County Seat [text] - 100 Population [number] - 10 Population Year [number] - 4 Homepage URL [text] - 250	Annual updates.
Oregon_Government	Link_Category [text] - 50 Link_Title [text] - 50 Link_URL [text] - 250 Link_Description [text] - 250	Annual updates.
Watershed_Flow_County	Watershed Name 1 [text] - 50 Watershed Name 2 [text] - 50 Watershed Type [text] - 50 URL [text] - 250 Flows Into [text] - 50 County 1 [text] - 75 County 2 [text] - 75	Update entire database regularly. This database will have a lot of update activity.

	County 3 [text] - 75 County 4 [text] - 75 County 5 [text] - 75 County 6 [text] - 75 County 7 [text] - 75 County 8 [text] - 75 Latitude [text] - 10 Longitude [text] - 10	
Oregon_Businesses	Link Type [text] - 50 Link Title [text] - 50 Link URL [text] - 250 Link Description [text] - 250	Update entire database regularly.
Activities	Link_Type [text] - 50 Link_Title [text] - 50 Link_URL [text] - 250 Link_Description [text] - 250	Update entire database regularly.

Questions Asked By Query Pages (*Schools, Media, Libraries*):

Sample Query: Display **X-Columns** from **DATABASE** where **X='Y'** and/or **Z='A'**. Order by **Q**.

Query Page	X-Columns	DATABASE	X='Y' Z='A'	Q
schools.html	Only columns described in the "Database Files Used To Generate Web Pages" section of this document. <i>See schools_results.html</i>	Oregon_Schools	City= <i>user select from menu</i> County= <i>user select from menu</i> River= <i>user select from menu</i> Zip Code= <i>user select from menu</i> Public= <i>yes/no</i> Private= <i>yes/no</i>	Alphabetical by school name
media.html	All columns except "Description" <i>see media_results.html</i>	Oregon_Media	State= <i>yes/no</i> City= <i>user select from menu</i> County= <i>user select from menu</i> Type= <i>user select from menu</i>	Alphabetical by Media name
libraries.html	All columns except "Description" <i>see media_results.html</i>	Oregon_Libraries	Federal= <i>yes/no</i> State= <i>yes/no</i> County= <i>yes/no</i> School & University= <i>yes/no</i>	Alphabetical by Library name

Special Queries and Relationships:

- The Rivers_Links Database contains a column called "**Link Category**". Relationships will exist between this column and many of the web pages through out the site. Specifically; Businesses, Cities & Towns, Counties, Lakes, Landowners, Recreation, and Schools pages will all display hyperlinks that are entered as records in this database.
- Individual County Pages display results directly from the County_Links Database. For the following categories however, links will be pulled from the Rivers_Links database. The links will be filtered according to the following notes:

Individual County Page Category	Number of Culumns in Database (display only as many rows as there are entries)
BUSINESSES	Pull businesses from rivers and watersheds in each county, except Columbia, Willamette, and Pacific Ocean
CITIES & TOWNS	Pull cities and towns from rivers and lakes in each county, except Columbia, Willamette, and Pacific Ocean
HISTORY	Pull histories from rivers in each county, except Columbia, Willamette, and Pacific Ocean.
LANDOWNERS	Pull landowners from rivers in each county, except Columbia, Willamette, and Pacific Ocean.
RIVERS & WATERSHEDS	Display rivers in respective counties
SCHOOLS	Display schools in respective counties