Editing Web Templates in CONTENTdm

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The Design Process

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The Design Process

- Decide what image you want to present before you start.
- Do you have institutional guidelines to web pages/colors?
- Do you have a font/color scheme that you need to stay within?
- Main page design vs. secondary page (collection level page) design...

The Design Process

- We decided to...
  - Stick with institutional colors for our main page.
  - Be more creative on our secondary collection level pages.
Use what you already have

- Identify interesting images
  - You already have a wealth of images scanned, no need to do extra work.
  - Pick images that exemplify the collection.

Shamelessly exploit your collections

- Designing collection templates and headers around collection images helps provide a visual idea of what the collection is.
- Will also help to dictate the style of your collection pages.
Designing your collection’s pages

• Are your collections historical?
• Use historical images as design elements.
  ▪ Letters
  ▪ Photographs
  ▪ Books
  ▪ Postcards
  ▪ Graphic elements
  ▪ Maps...

Designing Around an Image

• Pay attention to the colors in your chosen images
• Charles King collection
  ▪ Designed around a letter and photographs
  ▪ Color selection limited to sepias
• Theater collection
  ▪ Wealth of photographic images, dramatic colors
Designing Around an Image

Collection Description

In 1881 May Wright, then the Director of the Department of Dramatic and Musical Education at Cornell, established the Cornell Opera, a performing company dedicated to bringing dramatic and musical performances to the Cornell community and to the general public.

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Collection Contributors

Michael Yonker, Director of Digital Libraries of the Library of Cornell University
Stuart R. Miller, Director of the Library of Cornell University
Kevin J. Phelan, Associate Director of the Library of Cornell University

Digitization Notes

We have digitized the collection in its entirety to facilitate access, research, and scholarship for the collection. Please note: digital representation documents, some of which are text, have been transcribed in order to make them more readable. Due to space limitation and requiring some words are not available. Additional and more detailed text cannot be found online, due to the subject matter of the content. The digital images are copied and cannot always be presented to ensure historical accuracy.

Collection Use

The Rufus and Charles King Collection is for use by qualified researchers and research purposes. We ask that all citations reference this site, as property other than digital representations of the collection are strictly prohibited. For more information, please contact the Modern Manuscripts, Rare Books, and Special Collections at Cornell University Archives. For more information, see our content and copyright policies.

Citing the Collection (Chicago/Turabian Style)

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Citing the Collection (Chicago/Turabian Style)
Editing the Style Sheets

Deborah Kloiber,
College of St. Catherine,
St. Paul, MN

Customizing CONTENTdm

• We decided to...
  ○ use the same design for all collections
  ○ follow the color scheme of the College’s web site
  ○ include images from different collections
Start with the Basics

- Use the User Support Center web site
  - Help Files >> Customizing Collections >> CONTENTdm Web Templates
- All files in the docs/cdm4 directory
- Make backups!
  - in case you mess it up, you can always go back to the original
  - makes upgrades easier
- You don’t have to know html to...
  - change the colors and fonts
  - change labels and some other items

Editing the Style Sheets

- Change the colors and fonts
  - cdm4/client/STY_global_style.php
  - each variable has 4 parts

  `define("S_HEADER_BG", ";#520063"); // #3e647e: header background color`

- Change labels and some other items
  - cdm4/client/LOC_global.php

  `define("L_SITE_TITLE", "College of St. Catherine Digital Collections");`
  `define("L_EMAIL_ADDRESS", "libweb@stkate.edu");`
  `define("L_MENU_SPACER_1", ";");`
Creating Custom Styles

• Should know HTML but php not necessary
• Create your own variables
  define("S_SUBMENU_BG", ";F7FAE9"); // #627d7c: submenu background color
  define("S_SUBMENU_FAV_BG", ";BDD6A9"); // #627d7c: favorites menu background color
• Edit the file to call the new variable
  o cdm4/favorites.php
  o Search and replace
    From: bgcolor="<?=S_SUBMENU_BG?>"
    To: bgcolor="<?=S_SUBMENU_FAV_BG?>"
Editing the Header and Footer

• Files to edit:
  o cdm4/includes/global_header.php
  o cdm4/includes/global_footer.php

• Header “includes” navigational menu
  o cdm4/includes/global_menu.php

• HTML knowledge is helpful
• Layout created using table structure
• Can use css style sheets instead

Editing our Header and Footer

• Created different header for home page
  o copied and renamed header and menu files
    • global_header.php ➔ home_header.php
    • global_menu.php ➔ home_menu.php
  o edited the include statements to point to the new files
    from: <? include($includeHeader); ?>
    to: <? include($includeHomeHeader); ?>
    from: <? include($includeMenu); ?>
    to: <? include($includeHomeMenu); ?>
Editing our Header and Footer

- Home page

  ![Home Page Screenshot](image1)

- All other pages

  ![All Other Pages Screenshot](image2)

Editing the Home Page

- File is docs/index.php
- Simplest approach—keep “out of the box” layout and just customize text
- Or design your own layout and content
  - I used css for design and layout
  - create your own style sheets
    - keep your styles separate from CONTENTdm’s
      - CONTENTdm: docs/cdm4/includes/style.php
      - Ours: docs/home_styles.php
docs/coll_styles.php
Editing Any Pages

- Crib from other sources
  - docs/cdm4/includes/style.php
  - institution style sheets
  - docs/cdm4/about.php
- A nifty tool—Web Developer toolbar
  - http://chrispederick.com/work/web-developer/
- We have home pages for each collection

Editing Templates: Using the Duplicate Directory Method

Katie Sanders, Carroll University, Waukesha, WI
Getting Started

• Check out the CONTENTdm User Site
  o Customizing Multiple Collections
  o Custom Queries and Results
  o Web Template Changes 4.3 (or other upgrade reference.

• Carroll Uses Duplicate Directory*
  o Positives
    ▪ Can create extra pages
    ▪ Can customize the entire look: unique colors, search results, the viewer, etc.
    ▪ Can use this method to create a staging port for already published collections.
  o Negatives
    ▪ Have to upgrade the pages manually
    ▪ Very time consuming
Review

• Edited Files in cdm4 directory
  o LOC_global.php
    ▪ Located in Z:\server\docs\cdm4\client\
    ▪ Controls constants such as school name and archives email.
    ▪ Also, additional headings for the menu if you choose to add them.
  o STY_global_style.php
  o global_header.php and global_footer.php
    ▪ Located in Z:\server\docs\cdm4\includes\ 
    ▪ Controls the header display and the footer display
    ▪ global_menu.php – if you want to add additional link features. Need to add entries in LOC_global.php for this.

Starting out

• Log in to the admin site on your server
  o http://servername.domain.edu/cgi-bin/admin/start.exe
  o Click on the Server tab – then Collections and then edit the collection you want to work on.
    ▪ Add the IP address of your workstation to the limit by IP.
    ▪ Can use http://whatismyip.com To find the IP of your station.
    ▪ Copy down the alias of the collection for reference later.
On the Web Server

- Copy the Cdm4 directory
  - Found at /server/docs/
    - Then paste the folder and rename as the alias
Edit the Styles and includes files

- Add images to the /News/Images folder
  - Such as the header image
- In the folder /News/Client
  - Copy STY_global_styles.php and rename as STY_news_styles.php
    - Change the colors as needed
    - Change the PDF entry – (280 - define("S_SHOW_ITEMVIEW_PDF","1");)
    - this collection is all PDFs and we want them to display inline item viewer.
    - Change the search entry to “none” (266 - define("S_CUST_DIR_ALIAS_LIST", "none"); – so Advance Search page
      in the collection only searches this collection.
- In the folder /News/Includes
  - Copy global_header.php, global_menu.php, and global_footer.php and rename news_header.php,
    news_menu.php, and news_footer.php.

Editing news_header.php

- Add in a custom additional menu here if you wish – note you need to add in
  the colors by hand. (we got this from Krystyna at UWM)
- Change the name of the header image here too.
**Editing news_footer.php**

- Footer font color is copyright color from styles and you can pick the background color if you wish.
- We added the copyright symbol in the LOC_Global page. When adding entries remember to add both a L_ and L_ALT_ entry:
  - Ex:
    - `define("L_COPYRIGHT", "&nbsp;Copyright &copy; 2008 Carroll University, Waukesha, Wisconsin. All rights reserved.");`
    - `define("L_ALT_COPYRIGHT", "&nbsp;Copyright &copy; 2008 Carroll University, Waukesha, Wisconsin. All rights reserved.");`

**Editing news_menu.php**

- If you would like special links add entries in LOC_global.php.
- With many custom pages we found complete urls worked the best.
- See custom link circled in red.
Note about Linking

- Even with duplicate directory you need to have the `?CISOROOT=/alias` at the end in addition to changing the directory from cdm4 to the alias name.
- For example – the main about page url is:
  - `http://content-dm.cc.edu/cdm4/about.php`
- For example – the about page for the yearbook is:
  - `http://content-dm.cc.edu/Yearbook/about.php?CISOROOT=/Yearbook`
  - Note: cdm4 is changed to Yearbook
  - Note: alias and customized index pages.
  - `http://content-dm.cc.edu/Yearbook/about.php?CISOROOT=/Yearbook`

- Note about the CONTENTdm Directions...

Copy modified files back to cdm4

- We found that in a federated search engine like the Wisconsin Heritage online site, we needed to add our additions to cdm4 or all customizations were lost.
  - The modified menu.php will take the user to the additional pages
  - We also find it easiest to use one LOC_global.php.
    - Copy STY_news_styles.php to the cdm4/client folder
    - If additions were made to LOC_global.php, copy that to /cdm4/client (over riding the existing LOC_global.php file).
    - Copy news_header.php, news_menu.php, and news_footer.php to /cdm4/includes
In the News Collection

- Copy the about.php page and rename it index_news.php
  - Edit index_news.php
  - about.php
  - * needmore.php – for additional pages if using 4.3.

Custom Queries

- Go to http://yourserver.domain.edu/cdm4/cqr/cqr1.php
- Choose what type of box or browse feature you want to include on the page.
Custom Queries (cont.)

- Choose which collection you want to build it for.
- Think about the metadata.
  - The metadata must have searching enabled on that field
  - In this example we wanted to create a browse feature for the newspapers.
  - In order for them to display in the reverse order that they were published – i.e., Most recent going back we had to create a new field because in the 150 years of newspapers they have 5 title variations and several volume runs per title.
  - Solution: used a non-Dublin Core mapped field which we called volume & issue.

Custom Queries (cont.)

- Change the directory to /News/
  - According to the CONTENTdm instructions cqr does not update in subfolders; however if you change the directory to your alias we found it does.
- Choose the default viewing options you want to display.
- Only show full compound object
Custom Queries (cont.)

- Copy all of the code in the box and paste it into the page you would like the box to appear on.
- In our case we added it to the index_news.php page.

Custom Queries – index page

- In design view click on the spot where you want the box to appear.
- Then click code.
- Paste the code from the custom query page where your cursor appears, or under your heading.
Custom Queries – index (cont.)

- Where you see `<option value=make sure this refers to entries in the metadata.
- You can reorder it how you would like it to display.
- Between `>` and `</option>` Enter in what you would like the public to see in the browse box.

Custom Queries – Display
Tips and Tricks for Upgrades

• Back up / copy all modified files to another server or storage area.
• Keep originals of your image files for easy modification later.
• Keep print outs of the styles sheets
• Use the Design view of Dreamweaver.
  • Can in some cases use copy and paste for image items.
  • Does not work completely especially with layers.

Future Endeavors

• Stats
  • Google Analytics
  • Currently use Go Stats
• Embed PDF's to prevent saving.
  • To secure a thesis collection
• Use Java Scripts to restrict copying / printing of images.
  • A donated art collection – the Wisconsin Artist Collection.
Questions? Comments.