



Web Services Team

## **ContentDM 6.0 Development Guide**

**Date:** 12/9/2011

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## Table of Contents

<b>1. REVISION HISTORY</b>	<b>3</b>
<b>2. INTRODUCTION</b>	<b>4</b>
<b>3. UPGRADE</b>	<b>4</b>
<b>4. DEVELOPMENT</b>	<b>4</b>
<b>5. PROCEDURE</b>	<b>6</b>
5.1. CREATION OF NAVBAR	6
5.2. TABBED INTERFACE	10
5.3. IMAGES SHOWCASE	14
5.4. ACCORDIONS	20
5.5. GOOGLE ANALYTICS	22
5.6. CUSTOM LANDING PAGES	23

## 1. Revision History

Date	Description	Revised by	Version No.
12/02/2011	Draft started – Original functions created for 6.0	JL	1
12/19/2011	Updated to include Google Analytics	JL	2

## 2. Introduction

The digitization platform ContentDM is a hosted product that the library uses for display of digitized, non-curricular based images. The hosted platform was upgraded on July 17<sup>th</sup>, 2011, and included a new customizable display for the landing page, and each collection page, as well as several other new features. Our instance had a test environment that allowed us to develop the site before the official launch on September 1<sup>st</sup> to the production site.

## 3. Upgrade

The upgrade to CONTENTDM included the ability to upload CSS, JavaScript files, and custom landing pages both at a global level and at a collection level to the server. There is no native ability to edit the source code on the CONTENTDM server, but CONTENTDM also includes JQuery, and multiple JQuery libraries that when combined with the ability to upload custom CSS, JavaScript and custom pages allow for robust customizations.

Documentation on customizations and use of the API is available at <http://www.contentdm.com/help6/server-admin/index.asp>

Access to the admin area of the CONTENTDM servers:  
<https://server16106.contentdm.oclc.org>

- After logging in, choose website and then login in again using the same credentials to access the website configuration tool

## 4. Development

Before accessing the upgraded CONTENTDM system, a wireframe was created for the upgraded site including a tabbed interface on the global landing page an image rotation showcasing all of the published collections, and a mega drop down menu to replace the current navigation bar. Each published collection, eleven at the time of this report, would also need custom landing pages. Five of the published collections had several pages created in the older system that would need to be moved into the upgraded CONTENTDM site. At the time of the upgrade to 6.0, only one page was available for each collection so in order to migrate all of the content from the previous CONTENTDM site to the current site, content was placed in JQuery accordions.

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Using the Website configuration tool, included in the web client for CONTENTDM, we are able to upload JavaScript, css files and custom landing pages to customize our instance.

## CSS Files

Our uploaded CSS files include the following:

- Dpucdm7.css – Custom CSS file that controls global styles
- Collections.css – Custom CSS file that is applied to each collection page, containing the same styles for each collection
- Menu.css – Custom CSS file that contains styling for the dropdown mega menu

## JavaScript Files

### Top Includes

- jquery.cycle.all.latest.js – Used in the image slideshow JQuery plug-in
- jquery.cookie.js – Used to control tab history
- jquery.easing.1.3.js – Used as part of the image slideshow plug-in
- navbar.js – Used as part of the dropdown megamenu
- depaulfunctions.js – Custom Javascript file containing all necessary javascript statements necessary for the DePaul customizations

### Bottom Includes

- googleanalytics.js – Used to include the tracking code for the DePaul Google Analytics Account
- menu.js – Used as part of the drop down mega menu

## Development Scenario

- Place tabbed interface on global landing page using jquery tabs library
- Place image slideshow with media controls on global landing page using JQuery Cycle
- Replace current navigation menu with mega drop down menu using jquery tabs
- Create custom collection level pages for each published collection

## 5. Procedure

### 5.1. Creation of Navbar

In order to replace the native navbar in CONTENTDM with our upgraded Mega drop down, we use the jquery empty function to remove the original menu and .html to write our new menu. CSS styles for the dropdown menu are included in the dpucdm7.css file that has been uploaded to the CONTENTDM server on a global level. The navbar utilizes the following jquery libraries in addition to the core jquery library file jquery-1.4.2.min.js; jquery.hoverintent.minifies.js, jquery.ui.tabs.js. Both of these files are already included in CONTENTDM. Two additional files are also necessary and must be added to CONTENTDM via the custom scripts tool in ContentDM navbar.js, which controls the functions of the MEGA drop down, and menu.js, which includes our replace function. There is no need to link to any of the javascript files in the custom pages that are uploaded as the website configuration tool includes these files in the header, or in the footer.

#### 5.1.1. Upload menu.js to ContentDM using

Using Custom Scripts Menu, upload the menu.js file in the 'Upload Bottom Includes' option at the global level. Spaces usually used for displaying a hierarchical view are removed from this script since spaces cause an error in the execution

```
// JavaScript Document
//Removes original CONTENTDM MENU and replaces it with new dropdown menu
$("div#nav_top_left").empty().html('<div id="nav_top_left"><ul class="nav"
id="mega"><li class="nav_li"><a tabindex="1001" id="nav_top_left_first_link"
href="/cdm/" class="selected" ><div
class="nav_top_left_text_container">Home</div></a></li><li class="nav_li"><a
href="/cdm/#tab-collections"><div
class="nav_top_left_text_container">Collections&nbsp;  &nbsp; <div
style="float:right"></div></div></a><div class="sub"> <div
class="row"><ul><li><h2>DePaul Digital Collections</h2></li><li><a
href="/cdm/landingpage/collection/dpubbuilding" title="" class="first">DePaul
University Buildings Collection</a></li><li><a
href="/cdm/landingpage/collection/p15448coll1" title="DePaul University
Yearbooks">DePaul University Yearbooks</a></li><li><a
href="/cdm/landingpage/collection/gic" title="">Geographic Image
```

## All Things Vincentian Development Guide

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Collection</a></li><li><a href="/cdm/landingpage/collection/lpnc1" title="Lincoln Park Architectural Photographs">Lincoln Park Architectural Photographs</a></li><li><a href="/cdm/landingpage/collection/lpnc6" title="Via Sapientiae">Lincoln Park Neighborhood Collection</a></li><li><a href="/cdm/landingpage/collection/iic" title=""> Photograph Souvenir Cards and Tarot Decks</a></li><li><a href="/cdm/landingpage/collection/p16106coll1" title="Selected Maps from Special Collections and Archives">Selected Maps from Special Collections and Archives</a></li><li><a href="/cdm/landingpage/collection/younglords" title="Young Lords">Young Lords Newspaper Collection</a></li></ul><ul><li><h2>Vincentian Collections</h2></li><li><a href="/cdm/landingpage/collection/p15448coll3" title="Vincentian Historical Texts">Vincentian Historical Texts</a></li><li><a href="/cdm/landingpage/collection/cm1" title="Vincentian Postcards">Vincentian Postcards</a></li><li><a href="/cdm/landingpage/collection/p15448coll2" title="Vincentiana - Historical Maps">Vincentiana - Historical Maps</a></li></ul></div></div> </li><li class="nav\_li"><a tabindex="1002" href="/cdm/search"><div class="nav\_top\_left\_text\_container">Browse All</div></a></li><li class="nav\_li"><a tabindex="1003" href="HTTP://library.depaul.edu"><div class="nav\_top\_left\_text\_container">DPU Libraries</div></a></li></ul></div>); //Removes original CONTENTDM Footer and replaces it with updated DePaul footer \$("div#nav\_footer\_left").empty().html('<div id="nav\_footer\_left"><ul class="nav"><li class="nav\_footer\_li"><a href="/cdm/">Home</a></li><li class="nav\_footer\_left\_divider">|</li><li class="nav\_footer\_li"><a href="/cdm/#tab-about">About</a></li><li class="nav\_footer\_left\_divider">|</li><li class="nav\_footer\_li"><a href="mailto:LibraryWeb@depaul.edu">Contact Us</a></li><li class="nav\_footer\_left\_divider">|</li><li class="nav\_footer\_li"><a href="http://library.depaul.edu">DPU Libraries</a></li></ul><p class="dpuFooter"><span class="class="nav\_footer\_li">&copy;2011 DePaul University Libraries</span>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<span class="nav\_footer\_left\_divider">|</span>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<span class="class="nav\_footer\_li"><a href="http://www.depaul.edu/disclaimer.asp" title="Disclaimer" target="\_self">Disclaimer</a></span>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<span class="nav\_footer\_left\_divider">|</span>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<span class="class="nav\_footer\_li">Administrative Offices, 2350 N Kenmore Avenue Chicago, IL 60614</span>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<span class="nav\_footer\_left\_divider">|</span>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<span class="class="nav\_footer\_li">(773) 325-7862</span>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;</p></div>');

## 5.1.2. Upload navbar.js file to ContentDM

This navbar.js javascript file controls the behaviors of the dropdown menu. Using the custom scripts menu, upload the navbar.js file in the 'Upload top Includes' option

```
function wrapLogout() {    var expires = " expires=Thu, 01-Jan-1970 00:00:01 GMT;";
    document.cookie = "WRAP16=" + expires + " path=/;domain=ncsu.edu";
    document.cookie = "WRAP_REFERER=" + expires + " path=/;domain=ncsu.edu";
    document.cookie = "WRAP_REFERER_P=" + expires + "
path=/;domain=ncsu.edu";    document.cookie = "LIBFUNCTION=" + expires + "
path=/;domain=ncsu.edu"; } function findWrap(){    var sindex =
document.cookie.indexOf("WRAP16"); if (sindex != -1){        return 1;    }
    return 0; } /* * jQuery In-field Labels Plugin v1.0 *
http://richardscarrott.co.uk/posts/view/jquery-in-field-labels * * Copyright (c) 2010
Richard Scarrott * * Dual licensed under the MIT and GPL licenses: *
http://www.opensource.org/licenses/mit-license.php *
http://www.gnu.org/licenses/gpl.html * * Requires jQuery v1.3+ * */ (function($) {
    $.fn.inFieldLabels = function(filter) {        var removeLabel =
function($input) {            // remove label if in 'label' state                if
($input.hasClass('dummy')) {
                $input.hide().prev('input').show().focus();            }
                else if ($input.hasClass('label')) {
                $input.removeClass('label').val("");            }        };
                var addLabel = function($input) {            var label =
$input.data('label'),                val = $input.val();
                // add label if val is empty                if ($input.is('input:password') && (val
=== '')) {
                $input.hide().next('input').val(label).show();
                }
                else if (val === '') {
                $input.addClass('label').val(label);            }        };
                return this.each(function() {            var $form = $(this),
                $inputs = $form.find('input[type=text], input[type=password], textarea');
                if (filter) {$inputs = $inputs.filter(filter);}
                $inputs.each(function() {            var $input = $(this),
                label = $form.find('label[for=' + $input.attr('id') + ']').hide().text();
                $input.data('label', label)
                .focus(function() {
                removeLabel($input);                    }).blur(function() {
                addLabel($input);
                });
                if
($input.is('input:password')) {            var $dummy = $('<input
type="text" class="dummy label" />').insertAfter($input).focus(function() {
                removeLabel($dummy);            });
            }
        }
    });
});
```



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Date \_\_\_\_\_
Page 9

## 5.2. Tabbed Interface

The tabbed interface included in CONTENTDM requires the following jquery file already included in CONTENTDM, jquery.ui.tabs.js. Three additional files are added, jquery.cookie.js, which places a cookie, used to help the browser remember the tab when users click the 'back' button, jquery.ba-hashchange.js, which allows for linking directly to a tab and a depaulfunctions.js script which contains the tab function called by the page. The CSS used to style the tabs is included within the dpucdm7.css files

In the custom page added to CONTENTDM for the global landing page, tabs are added to the page as list elements. The anchors in the list elements correspond to the IDs of the divs containing the tab content. All tab content resides within a div with ID of "tabs".

### 5.2.1. Creation of Tabs

In the custom page added to CONTENTDM for the global landing page, tabs are added to the page as list elements. All tab content resides within a div with ID of "tabs"

```
<div id="tabs" class="tabs_portal ui-tabs ui-widget ui-widget-content ui-corner-all">
<ul class="ui-tabs-nav ui-helper-reset ui-helper-clearfix ui-widget-header ui-corner-all">
<li class="tabs_portal_tab_link ui-state-default ui-corner-top ui-tabs-selected ui-state-active" id="tabs_portal_first_tab"><a href="#home">Home</a></li>
<li class="tabs_portal_tab_link ui-state-default ui-corner-top ui-tabs-selected ui-state-active"><a href="#collections">Collections</a></li>
<li class="tabs_portal_tab_link ui-state-default ui-corner-top ui-tabs-selected ui-state-active"><a href="#about">About</a></li> </ul>
```

```
<div id="collections" class="tab_window ui-tabs-panel ui-widget-content ui-corner-bottom ui-tabs-hide"> <div style="margin-top:40px"> <div
class="collectioncontainer">
<div class="dpu-collection_thumbnail
<a href="/cdm/landingpage/collection/dpubuilding">

    DePaul University Buildings    </a> </div>    <div class="dpu-
collection_thumbnail"> <a href="/cdm/landingpage/collection/p15448coll1">  DePaul University
Yearbooks</a> </div>    <div class="dpu-collection_thumbnail"> <a
href="/cdm/landingpage/collection/gic">  Geographic Image Collection</a>
</div>    <div style="clear:both;"></div>
</div>
<div class="collectioncontainer">
<div class="dpu-collection_thumbnail">
<a href="/cdm/landingpage/collection/lpnc1">
 Lincoln Park
Architectural Photographs</a> </div>
<div class="dpu-collection_thumbnail">
<a href="/cdm/landingpage/collection/lpnc6">  Lincoln Park Neighborhood
Collection</a> </div>
<div class="dpu-collection_thumbnail">
<a href="/cdm/landingpage/collection/iic">
 Photograph Souvenir
Cards and Tarot Decks</a> </div>
<div style="clear:both;"></div>
</div>
<div class="collectioncontainer">
<div class="dpu-collection_thumbnail">
<a href="/cdm/landingpage/collection/p15448coll3">
 Vincentian Historical
Texts</a> </div>
<div class="dpu-collection_thumbnail">
<a href="/cdm/landingpage/collection/cm1">
 Vincentian
Postcards</a> </div>
<div class="dpu-collection_thumbnail">
<a href="/cdm/landingpage/collection/p15448coll2">
 Vincentiana - Historical
Maps</a> </div>
<div style="clear:both;"></div>
</div>
<div class="collectioncontainer">
  <div class="dpu-collection_thumbnail">
    <a href="/cdm/landingpage/collection/younglords">
       Young Lords Newspaper</a> </div>
    <div style="clear:both;"></div>
  </div>
</div>
</div>
```

### 5.2.2. Necessary Scripts - Depaulfunctions.js

Using the Custom Scripts Menu, upload the depaulfunctions.js file in the 'Upload Top Includes' option at the global level. The section of this script pertaining to the tab load is shown below, which includes the cookie function and the #hashchange to allow linking directly to tabs.

```
$(document).ready(function() {    var selectedTab = 0; $('#tabs li
a').each(function(index) {    if ($(this).attr('href').replace("#", "#tab-") ==
document.location.hash) {    selectedTab = index;    }); $('#tabs').tabs({ 'select':
function(event, ui){    document.location.hash = "tab-" + ui.panel.id;    }, 'selected' :
selectedTab }); });
```

### 5.2.3. Add CSS Styles to control Tabs

Included in the dpucdm7.css file. Using the Custom CSS Menu, upload the dpucdm7.css file at the global level.

```
/* ----- Tab Styles ----- */
.tabs_portal {
color: #222222;
font-family: Verdana,Arial,sans-serif;    font-size: 1.1em;    width:850px;
    height:100%; margin-right:10px; margin-top:-20px; }
.tabs_portal ul {
```

```
margin: 0;
padding: 6px 0 57px 3px;
color: #222222;
font-size: 18px;
font-weight: bold;
display: block;
line-height: 1.3;
list-style: none outside none;
outline: 0 none;
text-decoration: none;
font-family: Verdana, Arial, sans-serif; }
#tabs_portal_first_tab { margin-left: -3px; }
.tabs_portal ul li {
  float: left;
  margin: 0 0.2em 0 0;
  position: relative;
  font-weight: normal;
  padding: 25px 50px;
  -moz-border-radius-topleft: 4px;
  -moz-border-radius-topright: 4px; }
.tabs_portal ul li.ui-state-default {
  background-image: url(/ui/cdm/default/collection/default/css/images/ui-
bg_glass_75_e6e6e6_1x400.png);
  background-repeat: repeat-x;
  background-attachment: scroll;
  background-position: 50% 50%;
  background-color: #E6E6E6;
  border: 1px solid #AAAAAA;
  border-bottom: 1px solid #AAAAAA !important; top: 1px;
}
.tabs_portal ul li.ui-state-active {
  background-image: url(/ui/cdm/default/collection/default/css/images/ui-
bg_glass_65_ffffff_1x400.png);
  background-repeat: repeat-x;
  background-attachment: scroll;
  background-position: 50% 50%;
  background-color: #FFFFFF;
  border: 1px solid #AAAAAA;
  border-bottom: 0 none !important;
  top: 2px; }
.tabs_portal ul li..ui-tabs-nav a:hover {
  background-image: url(/ui/cdm/default/collection/default/css/images/ui-
bg_glass_65_ffffff_1x400.png);
  background-repeat: repeat-x;
```

```
background-attachment: scroll;
background-position: 50% 50%;
background-color: #FFFFFF;
border: 1px solid #AAAAAA;
border-bottom: 0 none !important;
top: 2px; }

.tabs_portal ul li a.tabs_portal_tab_link {
float: left;
padding: 7px 11px;
font-size: 11px;
white-space: nowrap;
text-decoration: none;
outline: none;
display: block; }

.tabs_portal ul li.ui-state-active a.tabs_portal_tab_link {
color: #212121;
cursor: text; }

.tabs_portal div.tab_window {
display: block;
border-top: 1px solid #999999;
border-Bottom: 1px solid #999999;
border-left: 1px solid #999999;
border-right: 1px solid #999999;
border-width: 1px 1px 1px 1px;
margin-top: 45px;
padding: 0 0 50px;
height: 100%; }

.tabs_portal div.ui-tabs_portal-hide {
position: absolute; left: -180000px; }

.tabs_portal ul li a.tabs_portal_focus {
outline: #000000 dotted 1px;
font-weight: bold; }
```

### 5.3. Images Showcase

The image slideshow makes use of the JQuery Cycle plug-in. This plug-in requires that two scripts be uploaded to ContentDM, `jquery.cycle.all.latest.js` and `jquery.easing.1.3.js`. There is also a set of functions created for our specific use of the plug-in located in the `depaulfunctions.js` files, and CSS stylings added to the `dpucdm7.css` file.

### 5.3.1. Necessary Scripts

Using Custom Scripts Menu, upload the jquery.cycle.all.latest.js and jquery.easing.1.3.js file in the 'Upload Top Includes' option at the global level. The JQuery Cycle plug-in allows for controls for display time, animation style and play, pause, forward and previous actions. The initialization script for the image showcase is contained in the depaulfunctions.js file, which is required and should be uploaded to the 'Upload Top Includes' section of the Custom Script menu.

For our instance, the time between slides, or timeout is set to 5000, 5 seconds, and the animation style is set to fade.

```
$(document).ready(function() {  
    $('#dpufeature').cycle({  
        fx: 'fade', //change effect  
        timeout: 5000, //5 seconds between images  
        prev: '#prev1',  
        next: '#next1',  
    });  
  
    $('#dpufeature-play').hide();  
    $('#dpufeature-play').click( function(e){  
        $('#dpufeature').cycle('resume');  
        $('#dpufeature-play').hide();  
        $('#dpufeature-pause').show();          return false; });  
    $('#dpufeature-pause').click( function(e){  
        $('#dpufeature').cycle('pause');  
        $('#dpufeature-play').show();  
        $('#dpufeature-pause').hide();          return false; });  
});
```

### 5.3.2. CSS stylings

CSS stylings for the image showcase are contained within the dpucdm7.css file, uploaded to ContentDM using the Custom CSS menu.

```
#dpufeature {  
width: 800px; height:420px; /*border: 1px solid #ddd; background-color: #fff;*/ }  
  
#dpufeature img {  
background-color: #EEEEEE; border: 1px solid #CCCCCC; margin-right: 15px;
```

## All Things Vincentian Development Guide

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```
padding: 10px;      -moz-box-shadow:0px 0px 10px rgba(0,0,0,.2); -webkit-box-  
shadow:0px 0px 10px rgba(0,0,0,.2); box-shadow:0px 0px 10px rgba(0,0,0,.2); }
```

```
.featured_content {  
float: left; /*height: 600px;*/ position: relative; padding:0; margin:0; }
```

```
#dpufeature li {  
list-style: none; }
```

```
.featured_content h2, .featured_content h2 a:link, .featured_content a:visited,
```

```
.featured_content h2 a:hover {  
color: #006ed1; font-weight: normal; padding: 14px 0 0px 21px; margin-bottom: 7px;  
margin-top:-10px; font-size: 24px; text-align:center; }
```

```
div.featured_image {  
    position: relative;    float: left;    margin:0 10px 0 0 ; padding:10px;  
    /*height: 300px;*/    }
```

```
div.collectiondescription2 {  
    text-align: left;    font-size: 11px;    color: #525252;    font-weight:  
normal; margin:0; /* padding:25px 10px; */    z-index:2;    vertical-  
align:top;/*float: left;*/    }
```

```
.featured_content p { line-height: 24px; font:Arial, Helvetica,  
    sans-serif; size:12px; font-weight:normal; display:block; }
```

```
.navbuttons {  
    padding:5px;    display:blockz-index:1000; height:34px;  
    position:relative;    margin-left: 200px; padding: 10px;  
    }
```

```
img.center {  
    display: block; margin-left: auto; margin-right: auto; border:none !important; }  
img.showcase { border:none !important; }
```

### 5.3.3. Slideshow

The image slideshow is contained within a ul element with ID 'dpufeature'. The ID 'dpufeature' is initialized in the script added to depaulfunctions.js. Each li element contains the image, description and link to a specific collection.

```
<ul id="dpufeature">  
<!--Postcards Collection-->
```



```
</li>
<div class="featured_content">
<h2 align="center"><a class="body_link_portal"
href="/cdm/landingpage/collection/cm1">Vincentian Postcards</a></h2>
<div class="featured_image">
<a class="collectionimage" href="/cdm/landingpage/collection/cm1">
</a>
</div>

<div class="collectiondescription2">    <p class="cdm_style">These postcards are a
part of the Vincentiana Collection at DePaul University Special Collections and
Archives. This pictorial history documents the spirituality and mission of the
Vincentians.</p>
</div>
</div>
</li>
<!--DePaul Buildings-->
<li>
<div class="featured_content">
<h2 align="center"><a class="body_link_portal"
href="/cdm/landingpage/collection/dpubbuilding">DePaul Buildings</a></h2>
<div class="featured_image">
<a class="collectionimage" href="/cdm/landingpage/collection/dpubbuilding">
</a>
</div>
<div class="collectiondescription2">
<p class="cdm_style">The photographs and images of DePaul buildings included in
this digital collection date from 1898 to the present. Images include groundbreaking
and dedication ceremonies, the construction and demolition of buildings, and aerial
views of the surrounding neighborhood</p>
</div>
</div>
</li>
<!--Geographic Images-->
<li> <div class="featured_content">
<h2 >
<a class="body_link_portal" href="/cdm/landingpage/collection/gic">Geographic
Images Collection</a></h2>
<div class="featured_image"><a class="collectionimage"
href="/cdm/landingpage/collection/gic">
</a></div>
<div class="collectiondescription2"><p class="cdm_style">The images in the
Geographic Image Collection represent slides that have been donated to DePaul
University Library by various individuals from the DePaul Community, many of whom
were members of the DePaul Geographic Society. These travelers recorded their
expeditions to countries around the globe from the late 1940's to the 1980s, with a
few slides from later dates.</p></div>
</div>
</li>
<!--Lincoln Park Architectural Photographs-->
<li><div class="featured_content">
<h2 >
<a class="body_link_portal" href="/cdm/landingpage/collection/lpnc1">Lincoln Park
Architectural Photographs</a></h2>
<div class="featured_image"><a class="collectionimage"
href="/cdm/landingpage/collection/lpnc1">
</a>
</div>
<div class="collectiondescription2">
<p class="cdm_style">The Lincoln Park Architectural Photographs of 200 historical
buildings in Chicago's Lincoln Park Community include landmark domestic
residences, commercial sites, and churches constructed in a variety of historical
styles. Ms Wanda Harold, a sociologist in DePaul University's Sociology Department,
supplied each photograph with identification as to architectural style and
location.</p>
</div>
</div>
</li>
<!--Lincoln Park NeighborHood Collection-->
<li> div class="featured_content">
<h2 >
<a class="body_link_portal" href="/cdm/landingpage/collection/lpnc6">Lincoln Park
Neighborhood Collection</a></h2>
<div class="featured_image">
<a class="collectionimage" href="/cdm/landingpage/collection/lpnc6">
</a>
</div>
<div class="collectiondescription2">
<p class="cdm_style">Digitized documents from the Lincoln Park Conservation
Association and other Lincoln Park neighborhood collections held in the DePaul
University Archives. The collection documents the growth of the community beginning
with the redevelopment plans of the 1950s.</p>
```

```
</div>
</div>
</li>
<!--Photograph Souvenir Cards and Tarot Decks-->
<li><div class="featured_content"> <h2 ><a class="body_link_portal"
href="/cdm/landingpage/collection/iic">Photograph Souvenir Cards and Tarot
Decks</a></h2> <div class="featured_image"><a class="collectionimage"
href="/cdm/landingpage/collection/iic"> </a>
</div> <div class="collectiondescription2"><p class="cdm_style">A small collection
of images from photograph souvenir card sets, collected by people as mementos of
their travels, from the 1940s through the 1960s. This collection also contains a few
images of Tarot cards from various styles and sets.</p> </div> </div> </li>
<!-- DePaulian Yearbooks-->
<li>
<div class="featured_content">
<h2 ><a class="body_link_portal"
href="/cdm/landingpage/collection/p15448coll1">DePaul University
Yearbooks</a></h2>
<div class="featured_image"><a class="collectionimage"
href="/cdm/landingpage/collection/p15448coll1">
</a>
</div>
<div class="collectiondescription2"> <p class="cdm_style">The DePaul University
yearbook, The DePaulian, was published from 1924 to 1997. Some later issues are
titled the DePaul University Senior Book. A complete print run of the yearbook is held
in DePaul's Special Collections and Archives Department, with incomplete print runs
on the public shelves in the Lincoln Park Library. The site will be updated as more
yearbooks are scanned.</p></div>
</div></li>
<!-- Vincentian Historical Texts-->
<li>
<div class="featured_content">
<h2>
<a class="body_link_portal" href="/cdm/landingpage/collection/p15448coll3">
Vincentian Historical Texts</a></h2>
<div class="featured_image"><a class="collectionimage"
href="/cdm/landingpage/collectio
n/p15448coll3">
</a>
</div>
<div class="collectiondescription2">
```

```
<p class="cdm_style">Part of the university's Vincentian Heritage Collections online  
resources, produced by the University Library with materials and resources from the  
Office of Mission and Values and the Vincentian Studies Institute research collection,  
as well as the archives of the Midwest and Western Provinces of the Congregation of  
the Mission. This collection will be updated as more books are digitized and place  
online.</p></div>  
      </div>      </li>
```

### 5.4. Accordions

In order to include all of the content from previously created custom pages, jquery accordions were used. The jquery accordion plug-in, and jquery.ui.accordion.js, are already included within ContentDM and no other scripts are necessary to upload. CSS Customizations that target the accordions are included in css file specific to the collection landing pages, collections.css. This file is uploaded to each collection using the Custom CSS options at the collection level.

#### 5.4.1. Necessary Scripts

Each accordion is unique to the collection page it resides in and a script is included in the header area of a custom template created for each collection. If multiple accordions are to be used, or if nested accordions are used, two instances of the accordion must be included. The script below initializes the accordion function and uses the H3 tag as the selector. This script includes options, including setting 'active' to false in order for all accordions to be closed or non active when the page load and all accordions are set to collapsible, meaning the set of accordions can be complete closed as opposed to always having one accordion open.

```
<script type="text/javascript">// <![CDATA[    $(function() { //$( "#accordion"  
)accordion({ header: "h3", autoHeight: false,active: false,collapsible: true});  
$("#accordion").accordion({ header: "h3", autoHeight: false, active: false, collapsible:  
true, cookie: {expires: 1} }); $("#accordion2").accordion({ header: "h3", active: false,  
collapsible: true, cookie: {expires: 1} });    }); //getter // ]]></script>
```

#### 5.4.2. CSS

The css customizations are included in the collections.css file, uploaded to each collection using the Custom CSS options menu.

```
.accordion_windowb {  
    display: block;
```

```
-moz-border-radius-bottomleft: 4px;
-moz-border-radius-bottomright: 4px;
color: #333; border-top: 0 none; margin: 0; overflow: auto;
padding: 1em 2.2em 5px 2.2em;
position: relative; top: 1px;
font-size: 100%; line-height: 1.3;
list-style: none outside none;
margin: 0;
outline: 0 none;
text-decoration: none;
font-family: Verdana,Arial,Helvetica,sans-serif;
}
.accordion_window {
    display: block;
    -moz-border-radius-bottomleft: 4px;
    -moz-border-radius-bottomright: 4px;
    border: 1px solid #DDD;
    color: #333;
    border-top: 0 none;
    margin: 0;
    overflow: auto;
    padding: 1em 4px 4px 4px;
    position: relative;
    top: 1px;
    font-size: 100%;
    line-height: 1.3;
    list-style: none;
    margin: 0;
    outline: 0 none;
    text-decoration: none;
    font-family: Verdana,Arial,Helvetica,sans-serif;
}
.accordion_header_closedb {
    background-image: none;
    border: 1px solid lightGrey;
    color: #555;
}
.accordion_header_closedb a:link, .accordion_header_closedb a:visited,
.accordion_header_closedb a:hover {
    background-image: none; color: #555; }
.accordion_header_closedb a:active {
    border: 1px solid #D3D3D3; color: #555555; }
```

### 5.4.3. Examples of Accordions

Accordions are contained within a div with ID of 'accordion'. Each H3 tag is set as the selector for each accordion, with the div directly below the h3 tag set to contain the content for the accordion.

Example of single accordion:

```
<div id="accordion" class="cdm_togglebox ui-accordion ui-widget ui-helper-reset ui-accordion-icons">
<!--Architect-->
<h3 id="details_accordion_description_link" class="accordion_header ui-accordion-
header ui-helper-reset accordion_header_closedb ui-state-default ui-corner-all"><span
class="accordion_header_icon ui-icon ui-icon-triangle-1-e
accordion_header_icon_closed"> </span> <a tabindex="-1" href="javascript://;">
Architect </a></h3>
<div class="accordion_window ui-accordion-content ui-helper-reset ui-widget-content
ui-corner-bottom"> <p>The photographs and images of DePaul buildings included in
this digital collection date from 1898 to the present. Images include ground breaking
and dedication ceremonies, the construction and demolition of buildings, and aerial
views of the surrounding neighborhood. This page provides access to buildings by
name of architect if known. For a listing of all buildings identified by University
Archives, please check the buildings chronology here. Further information about
specific buildings has been entered into the Library News under the heading Bygone
DePaul.</p> <ul> <li><a
href="/cdm/search/collection/dpubbuilding/searchterm/Murphy%20and%20Camp">Mu
rphy and Camp</a></li>

<li><a
href="/cdm/search/collection/dpubbuilding/searchterm/J.E.O%20Pridmore">J.E.O
Pridmore</a></li>

<li><a
href="/cdm/search/collection/dpubbuilding/searchterm/Naess%20and%20Murphy">
Naess and Murphy</a></li> </ul> </div>
```

## **5.5. Google Analytics**

In order to include the Google analytics tracking code in CONTENTDM, a separate script was created, googleanalytics.js. Using Custom Scripts Menu, upload the googleanalytics.js file in the 'Upload bottom Includes' option at the global level. This insures that Google Analytics is included on every page within CONTENTDM.

```
// JavaScript Document
//Google Analytics
```

```
var _gaq = _gaq || []; _gaq.push(['_setAccount', 'UA-5169126-1']);
_gaq.push(['_trackPageview']); (function() { var ga =
document.createElement('script'); ga.type = 'text/javascript'; ga.async = true; ga.src
= ('https:' == document.location.protocol ? 'https://ssl' : 'http://www') + '.google-
analytics.com/ga.js'; var s = document.getElementsByTagName('script')[0];
s.parentNode.insertBefore(ga, s); })(); try{ var pageTracker = _gat._getTracker("UA-
5169126-1"); pageTracker._setDomainName("none");
pageTracker._setAllowLinker(true); pageTracker._trackPageview(); } catch(err) {}
```

### 5.6. Custom Landing Pages

Custom landing pages were created for the ContentDM portal as well as for each individual collection landing page. ContentDM allows for uploading of .php files, and .html files. For our purposes, all files included were .html since we were unable to query any existing functions in ContentDM using php. Each custom page only requires the content located between the <body> tags, meaning the head and page declaration are unnecessary. All custom pages can be uploaded using the menu in the website configuration tool under Page Types -> More Homepage configurations -> and using the menu provided, users may upload custom pages and publish them in place of the standard WYSIWIG editor based version.