
CONTENTdm® Version 4.3 Web Template File Changes Guide

Table of Contents

- Section 1 Prepare to Change Web Templates 2**
 - Step 1 Determine Your Server Version Number..... 2
 - Step 2 Determine Web Templates Version 2
 - Step 3 Back Up Existing Files..... 3
- Section 2 Decide Update Method..... 3**
- Section 3 Update Complex Files 4**
 - Complex Files 4
 - Help file..... 5
- Section 4 Copy New Files 5**
 - New Web Templates 5
- Section 5 Update Commonly Customized Files 6**
 - Step 1 Determine Customized Files 6
 - Step 2 Copy Uncustomized Files and Edit Customized Files..... 6
- Section 7 Specific Code Changes..... 6**
 - Index File - index.php 7
 - Localization and Style Files 7
 - Document Localization File - /cdm4/client/LOC_document.php 7
 - Search Localization File - /cdm4/client/LOC_search.php 8
 - Viewer Localization File - /cdm4/client/LOC_viewer.php 8
 - Global Style File - /cdm4/client/STY_global_style.php..... 9
 - Global JavaScript File - /cdm4/jscripts/global.js 9
- Section 8 Support..... 13**

CONTENTdm Version 4.3 Web Template File Changes Guide

This guide is intended for users who are currently running CONTENTdm Server Version 4.3 and want to upgrade their Version 4.2 Web Templates to Version 4.3.

Other guides exist for other upgrade scenarios. These guides are available from CONTENTdm User Support Center at www.contentdm.com/USC/guides/.

The CONTENTdm 4.3 Web Templates are a set of PHP files, script files, and include files that can be fully customized or used as shipped. The templates are designed to work with Custom Queries and Results (CQR) Version 4.x.

Section 1 Prepare to Change Web Templates

Before you make any changes to the Web templates, verify that you are using the correct file changes guide. You will need to check your CONTENTdm Server version number and your Web templates version.

Step 1 Determine Your Server Version Number

Before you upgrade your Web templates to Version 4.3, you must upgrade your CONTENTdm Server to Version 4.3. For information on upgrading your server to 4.3, see the Update section of the Downloads page in the User Support Center at www.contentdm.com/USC/downloads/.

To determine the version of your CONTENTdm Server:

Using a browser, you can display the version number by navigating to:

<http://your.contentdm.server/cgi-bin/version.exe>

If you are running CONTENTdm Version 4.3, you can proceed.

If you are running Version 4.0, 4.0.1, or 4.1, apply the 4.3 server upgrade before updating your templates. If you are running Version 3.8 or earlier, contact OCLC technical support for guidance in migrating to Version 4.3.

Step 2 Determine Web Templates Version

This guide describes changes between the 4.2 and 4.3 Web Templates. If you are using an earlier version of the Web Templates, you will need to update your Web templates to Version 4.2 before applying the 4.3 changes.

To determine the version of your CONTENTdm Web Templates:

1. Using a browser, navigate to:

<http://your.contentdm.server/cdm4/browse.php>

2. Open an item by double-clicking the thumbnail image or hyperlinked title.
3. When the item opens, look for the **Back to Results** link in the sub-navigation menu. If the **Back to Results** link is on the right side next to the **Previous** and **Next** links, you are running the Version 4.2 Web templates and can proceed with the update.

If the link is on the left side, you are using an earlier version of the Web templates, and you will need to update your Web templates to Version 4.2 before applying the Version 4.3 Web template changes.

Step 3 **Back Up Existing Files**

Before making changes to or copying over any of the Web template files, make a back-up of your existing files so they can be restored if necessary.

Section 2 **Decide Update Method**

Uncustomized Web Template Files

If you have not customized your Web template files, remove the existing `/cdm4` directory and rename the `/cdm4_43update` directory to `/cdm4` to activate the new Web templates. You must rename the `index43.php` file to `index.php` to activate the home page.

Customized Web Template Files

If you have customized your Web template files, you need to decide whether to apply the changes in the Version 4.3 files to your customized files or to reapply your customizations to the Version 4.3 files. This decision should be based on the amount of customizations you have implemented and your experience and comfort level of working with HTML, JavaScript, and PHP.

After installing the CONTENTdm Version 4.3 server update kit, the complete Version 4.3 Web templates are in the `/cdm4_43update` directory. When updating your site, you can either copy files from this directory into your existing `/cdm4` directory, or you can make your updates in the `/cdm4_43update` directory and then rename it to `/cdm4` after your updates are complete. We recommend that you make your updates in the `/cdm4_43update` directory and then rename it, so you can apply changes without interfering with your live collection site.

You must rename the `index43.php` file to `index.php` to activate the home page.

To view the 4.3 Web interface, open your browser, and navigate to:

http://your.contentdm.server/cdm4_43update/browse.php

If you decide to apply the Version 4.3 changes to your customized files, please continue on with this guide.

Section 3 Update Complex Files

This section contains a list of the more complex files that have a number of changes in CONTENTdm Version 4.3.

If you have customized any of these files, it is recommended that you reapply your customizations to the updated version of the files. For this reason, specific code changes within these more complex files are not described in this document.

Complex Files

- /cdm4/browse.php
- /cdm4/browse_cal.php
- /cdm4/browse_calender.php
- /cdm4/browse_dates.php
- /cdm4/browse_dates_single.php
- /cdm4/clip.php
- /cdm4/cliparticle.php
- /cdm4/clipped.php
- /cdm4/compare.php
- /cdm4/compare_viewer.php
- /cdm4/config.php
- /cdm4/document.php
- /cdm4/doc_viewer.php
- /cdm4/favorites.php
- /cdm4/fav_meta_viewer.php
- /cdm4/index_terms.php
- /cdm4/item_viewer.php
- /cdm4/item_viewer_TEMPATE.php
- /cdm4/menu_open.php
- /cdm4/meta_viewer.php
- /cdm4/page_text.php
- /cdm4/preferences.php
- /cdm4/results.php
- /cdm4/results_TEMPLATE.php
- /cdm4/search.php
- /cdm4/side_side.php
- /cdm4/slideshow.php
- /cdm4/slideshow_viewer.php
- /cdm4/toolbar.php
- /cdm4/viewer.php

- /cdm4/includes/article_toolbar.php
- /cdm4/includes/basic_view.php

/cdm4/includes/comp_obj_scr.php
/cdm4/includes/js_scripts.php
/cdm4/includes/meta_scr.php
/cdm4/includes/object_toolbar.php
/cdm4/includes/pan_scr.php
/cdm4/includes/pan_view.php
/cdm4/includes/results_scr.php
/cdm4/includes/results_sub.php
/cdm4/includes/results_view.php
/cdm4/includes/search_allfields.php
/cdm4/includes/ search_bydate.php
/cdm4/includes/ search_checklist.php
/cdm4/includes/ search_proximity.php
/cdm4/includes/ search_selected.php
/cdm4/includes/search_selectlist.php

/cdm4/jscripts/search.js

Help file

The help.php file text has been updated to describe new features and functionality in CONTENTdm Version 4.3. The updated help file also includes new and updated screenshots.

/cdm4/help.php

/cdm4/images/pdfitemviewer.jpg

/cdm4/images/subsetviewer.jpg

Section 4 Copy New Files

Seven new Web templates were added in CONTENTdm Version 4.3. Copy these new files to your template directory.

New Web Templates

/cdm4/pdftext_viewer.php

/cdm4/pdf_text.php

/cdm4/subset.php

/cdm4/subset_obj.php

/cdm4/subset_viewer.php

/cdm4/includes/browse_date_scr.php

/cdm4/jscripts/browse_date.js

Section 5 Update Commonly Customized Files

This section contains a list of files that are most likely to have been customized. For these files, detailed code changes are provided in the order that the files are listed.

Determine which files you have customized. For each file that you have customized, review the code examples that highlight the changes in this document, and then apply the specific code updates to your customized files.

Step 1 Determine Customized Files

Note which files in the collection you have customized and compare them with the list below.

Commonly Customized Web Templates

index.php

/cdm4/client/LOC_document.php

/cdm4/client/LOC_search.php

/cdm4/client/LOC_viewer.php

/cdm4/client/STY_global_style.php

/cdm4/includes/global_header.php

(Note: The changes in this file only apply to language-localized sites. This file was updated in the localized files distributed with Version 4.2 — it contains no 4.3-specific changes, so you do not need to copy or apply customizations to this file, unless you have a localized site and are not already using the localized template files provided for the 4.2 release.)

/cdm4/jscripsts/global.js

Step 2 Copy Uncustomized Files and Edit Customized Files

If you have customized any of the files listed above, identify the changes by using the code examples provided in Section 7, and apply the changes to your existing customized files.

CAUTION: Do not cut and paste code from this document into your Web template files. Instead, copy and paste code directly from the CONTENTdm Version 4.3 files. Code in this document may not conform to common formatting standards because of width constraints.

Tip: A “Find Difference” or “Split Window” tool, included in many HTML editors, such as BBEdit and HomeSite, is useful when comparing two versions of Web files.

Section 7 Specific Code Changes

In the following sections, **red text** indicates new code or items to add. **Blue text** indicates modified code.

Remember to back up your Web template files before making any changes.

Index File - index.php

```
14 <meta http-equiv="content-type" content="text/html; charset=<?=CHARSET?>" />
15
16 <title><?=L_SITE_TITLE?> <?=L_MENU_SPACER_1?> <?=L_TITLE_HOME?></title>
17
18 <? include(INCLUDE_PATH."js_scripts.php"); ?>
19
20 </head>
21
22 <body marginwidth="0" topmargin="0" leftmargin="0" marginheight="0"
... bgcolor="<?=S_PAGE_BG?>">
```

Localization and Style Files

Additions to the localization files and the STY_global_style.php file can be found at the end of the files. New variables for Version 4.3 were added below the last variable in the 4.2 version of the files.

Document Localization File - /cdm4/client/LOC_document.php

```
47 define("L_HIT", "hit(s)");
48
49 define("L_VIEW", "View");
50
51 define("L_PRINT_ITEM", "complete print version");
52
53 define("L_PRINT_DOC", "complete print version");
54
55 define("L_DOC_DESC", "document description");
56
57 define("L_ITEM_DESC", "item description");
```

```
109 define("L_ALT_MENU_ON_OFF", "Hide/show left menu");
110
111 define("L_SUBSET_OBJ", "subset of print version");
112
113 ?>
```

Search Localization File - /cdm4/client/LOC_search.php

```
145 define("L_DATES_CAL_NOT_AVAILABLE", "This collection does not have valid date data (yyyy-  
... mm-dd).");  
146  
147 define("L_ALL", "All");  
148  
149 define("L_ERROR_P_PREVIOUSLY_SELECTED", "have been previously selected");  
150  
151 ?>
```

Viewer Localization File - /cdm4/client/LOC_viewer.php

```
75 define("L_SHOW_ARTICLE_SEG", "Hide/show article");  
76  
77 define("L_OPEN_PDF_NEW_WINDOW", "Open PDF in new window");  
78  
79 define("L_VIEW_PAGE_DESCR", "Go to PDF description");  
80  
81 define("L_TITLE_SUBSET_TEXT", "Subset Viewer");  
82  
83 define("L_SUBSET_TEXT_1", "To select a subset of this compound object for viewing,  
... printing, or saving, select the pages or choose a range from the list. Then click <b>view  
... subset</b>.");  
84  
85 define("L_SUBSET_TEXT_2", "You can then use the Adobe Reader to save or print the  
... subset.");  
86  
87 define("L_SELECT_SUBSET", "Create PDF subset");  
88  
89 define("L_SELECT_HITS", "Select search hits");  
90  
91 define("L_SELECT_PAGES", "Select pages");  
92  
93 define("L_CTRL_CLICK", "(CTRL+click to select)");  
94  
95 define("L_AST_SEARCH_HITS", "search hits");  
96  
97 define("L_SELECT_RANGE", "Specify pages");  
98  
99 define("L_SELECT_RANGE_INSTR", "Enter page numbers or page ranges separated by  
... commas. For example: 1, 3, 5&#150;12");  
100  
101 define("L_SUBSET_SUBMIT", "view subset");  
102  
103 define("L_ALT_SUBSET_SUBMIT", "View selected subset of print version.");  
104  
105 define("L_FROM", "from");  
106  
107 define("L_TO", "to");  
108  
109 define("L_ERROR_SPECIFY_RANGE", "Specify pages to view as a subset.");  
110  
111 define("L_ERROR_INVALID_CHAR", "Invalid character in specified pages.\n\nSeparate  
... single page numbers with commas and separate ranges with a hyphen: 1, 3, 5-12.");  
112  
113 define("L_ERROR_OUT_OF_RANGE", "Enter a valid page number or page range.");  
114  
115 define("L_ERROR_SELECT_PAGES", "Select pages to view as a subset.");  
116
```

```
117 ?>
```

Global Style File - /cdm4/client/STY_global_style.php

```
12 define("S_DATE_FORMAT", "0"); // 0: 0 - 6 :
13 // yyyy-mm-dd | dd-mm-yyyy | mm-dd-yyyy |
14 // MONTH dd yyyy | dd MONTH yyyy | mm/dd/yyyy | dd/mm/yyyy
15
16 define("S_THUMB_SIZE", "120"); // 120: maximum thumbnail size
17
18 define("S_GRID_SIZE", "80"); // 80: maximum grid thumbnail size
19
20 define("S_ALLOW_LOGIN", "0"); // 0: 1 = YES ;0 = NO
```

```
297 define("S_LANGLINK_HOVER_COLOR", "#ffffff"); // #ffffff: language link hover color
298
299 define("S_SHOW_ITEMVIEW_PDF", "0"); // 0: 1 = show PDF inline in item viewer ;0 = do not
... show PDF
300
301 ?>
```

Global JavaScript File - /cdm4/jscripts/global.js

```
364 // add single page of document to favorites
365
366 function addPageFav(){
367 var proots = PageCisoRoot()+'<'+citationUrl().substring(',')+'>';
368 if(!cookieEnabled){
369 alert(error_cookies);
370 } else {
371 var buf = (document.cookie.indexOf("BUF")!=-1)?unescape(getCookie("BUF")):"";
372 numv = countInstances(buf, "/");
373 if(numv == "100"){
374 alert(too_many_fav);
375 } else if(buf.indexOf(proots) != -1){
376 alert(already_fav);
377 } else {
378 setCookie("BUF",buf+proots);
379 alert(added_fav);
380 }
381 }
382 }
383
384
385 // delete favorites
```

```
470 // hide show
471
472 function showob(object) {
473
474 if (document.getElementById){
475 myObject = eval(document.getElementById(" + object + "));
476 if(myObject){
```

```
477         myObject.style.visibility = 'visible';
478     }
479 }
480
481 else if (document.layers) {
482     if (document.layers[object] != null)
483         document.layers[object].visibility = 'visible';
484 }
485
486 else if (document.all)
487     document.all[object].style.visibility = 'visible';
488 }
489
490 function hideob(object) {
491     if (document.getElementById){
492         myObject = eval(document.getElementById(" + object + "));
493         if(myObject){
494             myObject.style.visibility = 'hidden';
495         }
496     }
497
498     else if (document.layers) {
499         if (document.layers[object] != null)
500             document.layers[object].visibility = 'hidden';
501     }
502
503     else if (document.all)
504         document.all[object].style.visibility = 'hidden';
505 }
506
507
508
509 // global blank init
510
511 function init(){
512
513
514     function StatusOff(id) {
515
516         if (document.getElementById){
517             myObject = eval(document.getElementById(" + id + "));
518             if(myObject){
519                 myObject.style.color = button_font_color;
520             }
521         }
522
523         if (document.all) {
524             document.all[id].style.color = button_font_color;
525         }
526     }
527
528     function StatusOn(id) {
529
530         if (document.getElementById){
531             myObject = eval(document.getElementById(" + id + "));
532             if(myObject){
533                 myObject.style.color = status_off;
534             }
535         }
536
537         if (document.all) {
538             document.all[id].style.color = status_off;
```

```
539     }
540   }
541
542   function changeColor(num) {
543
544     for (n = 1; n < totalitems; n = n+1) {
545       if (n == num){
546         eval(document.links.item + n + '.style.color="'+(status_on)+'"');
547       }
548       else{
549         eval(document.links.item + n + '.style.color="'+(status_off)+'"');
550       }
551     }
552     return true;
553   }
554
555   function changeClass(id, newClass) {
556     var thisob = "";
557     if(document.getElementById){
558       thisob = document.getElementById(""+id+"");
559       if(thisob){
560         thisob.className = newClass;
561       }
562     }
563   }
564
565
566   // table highlighter
```

```
646   // determine browser height
647
648   function getBrowserHeight(){
649     var url = top.parent.location.href;
650     var menuheight = 20;
651     var setHeight = (head_height+pad_height)-0;
652     (isFirefox)?menuheight = menuheight*1.15:0;
653     (isNetscape)?menuheight = menuheight*1.15:0;
654     (isMac && isSafari)?menuheight = menuheight*1.14:0;
655     (isMac && isFirefox)?menuheight = menuheight*1.04:0;
656     (isMac && isSafari)?setHeight = setHeight*1.01:0;
657     (isMac && isFirefox)?setHeight = setHeight*1.01:0;
658     (isMac && isNetscape)?setHeight = setHeight*1.04:0;
659     var myWidth = 0, myHeight = 0;
660     if( typeof(window.innerWidth) == 'number' ){
661       myWidth = window.innerWidth; myHeight = window.innerHeight;
662     }
663     else if(document.documentElement && (document.documentElement.clientWidth
...
||document.documentElement.clientHeight)){
664       myWidth = document.documentElement.clientWidth; myHeight =
...
document.documentElement.clientHeight;
665     }
666     else if(document.body && (document.body.clientWidth ||
...
document.body.clientHeight)){
667       myWidth = document.body.clientWidth; myHeight = document.body.clientHeight;
668     }
669
670     if(bot_menu){
```

```

671     myHeight = myHeight-(menuheight+setHeight);
672     } else {
673     myHeight = myHeight-setHeight;
674     }
675
676     if((url.indexOf("slideshow.php") != -1) || (url.indexOf("compare.php") != -1) ||
... (url.indexOf("page_text.php") != -1) || (url.indexOf("side_side.php") != -1)){
677     myHeight = myHeight+(head_height-87);
678     }
679
680 return myHeight
681 }
682
683
684 // reload page after resize to correct iframe size
685
686 function reload(){
687     if(url.indexOf("document.php") != -1){
688     querystr = unescape(top.parent.right.location.search);
689     if(querystr.indexOf("CISOPAGE")!=-1){
690     pageNum = extVar('CISOPAGE',querystr);
691     for(j=0; j<List_menu.length; j++){
692     if(List_menu[j][2].indexOf("CISOPAGE="+pageNum) > -1){
693     showNum = extVar('CISOSHOW',List_menu[j][2]);
694     break;
695     }
696     }
697     querystr = querystr.replace(/&CISOSHOW=\d*/g,"");
698     querystr = querystr.replace(/&CISOBBOX=\d*/g,"");
699
...     parent.location.replace('document.php'+querystr+'&CISOSHOW='+showNum);
700     } else {
701     PageCisoRoot();
702     querystr = unescape(top.location.search);
703     querystr = querystr.replace(/&CISOSHOW=\d*/g,"");
...
704     parent.location.replace('document.php'+querystr+'&CISOSHOW='+PageCisOptr());
705     }
706     } else {
707     if(isSafari){
708     location.replace(location.href.replace(/#/,'?')); // a hack, but it works.
709     } else {
710     parent.location.reload(true);
711     }
712     }
713 }
714
715
716 // change bgColor of my favorites locally

```

```

794 function trim(str) {
795     if(str.substring(0,1) == " "){
796     str = str.substring(1, str.length);
797     }
798     if(str.substring(str.length-1,str.length) == " "){
799     str = str.substring(0, str.length-1);
800     }

```

```
801     return str;
802 }
803
804 // variable extractor
805
806 function extVar(v,str){
807     var vars = str.split("&");
808     for (var i=0;i<vars.length;i++) {
809         var pair = vars[i].split("=");
810         if (pair[0] == v) {
811             return pair[1];
812         }
813     }
814 }
815
816 // detect plugin (mac)
817
818 function isPlugin(p){
819     var isP = false;
820     if(navigator.plugins && navigator.plugins.length > 0){
821         var pl = navigator.plugins.length;
822         for (i=0; i < pl;i++){
823             var n = 0;
824             for(k=0; k < p.length; k++){
825                 if((navigator.plugins[i].name.indexOf(p[k]) >= 0) ||
... (navigator.plugins[i].description.indexOf(p[k]) >= 0)){
826                     n++;
827                 }
828             }
829             if(n == p.length) {
830                 isP = true;
831                 break;
832             }
833         }
834     }
835     return isP;
836 }
837
838 //-->
```

Section 8 Support

For more information about using CONTENTdm, contact technical support at contentdmsupport@oclc.org or visit the CONTENTdm User Support Center at www.contentdm.com/USC/.