

Installation Manual ContentCafé 2.0



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ContentCafé 2.0 ColdFusion End User License Agreement
Single Installation License

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Section 1: Welcome to ContentCafé

ContentCafé is a web site content management solution for web design and web development companies that allows their clients to maintain the content of web sites. Setting up a web site in ContentCafé is easy for the developer; maintaining the web site's content is easy for the client.

ContentCafé is developed in Adobe's ColdFusion Markup Language (CFML) yet knowledge of CFML is not a requirement for the developer who is installing ContentCafé.

Before diving into the details of installing ContentCafé, here are a few definitions that will help you to understand how ContentCafé works.

Content Managers

These are the people who will manage the web site's content.

Web Sites vs. ContentCafé Sites

Web sites are denoted by the server portion of a URL (e.g., in the URL <http://www.mycompany.com/hr/>, www.mycompany.com is the web site); in ContentCafé sites may also be server specific – just like web sites – or they may be specific to a certain section of a web site (e.g., <http://www.mycompany.com/hr/> and <http://www.mycompany.com/products/> may be two distinct ContentCafé sites).

It is important to note that information from one ContentCafé site is not available to other ContentCafé sites even if all sites are hosted on the same physical server or use the same database. In the example above, information on the /hr/ site could not be reused on the /products/ site. Be sure to plan your site needs before installing ContentCafé!

Section 2: Hardware & Software Requirements

ContentCafé has been designed to operate under a number of common ColdFusion web environments.

Hardware

Any hardware platform that will run a supported CFML engine (see "Software" below) will support ContentCafé. Note that the amount of web traffic your site receives will have the largest impact on performance – plan your hardware needs accordingly!

For a small (<500 pages) site with light traffic volume, a two CPU server should be sufficient for the CFML and database engines.

Software

ContentCafé has the following software requirements:

CFML Web Application Environment

ColdFusion version 6.1 (or newer) or BlueDragon version 6.2.0 (or newer) or OpenBD version 2.0 (or newer)

Web Server

Apache 1.3 (or newer) or IIS 4.0 (or newer)

Database Environment

MySQL 4.0 (or newer) or PostgreSQL 7.3 (or newer)

Web Browsers

Firefox 1.5 (or newer) recommended; other browsers supported are Internet Explorer 5.5 (or newer), Netscape Navigator 7.2 (or newer), Google Chrome 9.0 (or newer) and Safari 3.0 (or newer)

Before installing ContentCafé you must have the web/ColdFusion environment set up and a data source defined in the ColdFusion administrator for ContentCafé.

Additionally, ColdFusion will need to have read/write access to the directories where you will be creating web pages (e.g., the document root) and permission to create files and directories in ColdFusion (CFFILE and CFDIRECTORY tags enabled).

Section 3: Obtaining & Extracting the Software

You may obtain a copy of ContentCafé by filling out a demo request form at <http://www.contentcafe.net/demo.cfm>. You will get an email message from us with account information that will allow you to download ContentCafé as a zip or tar.gz archive along with install and site keys valid for 30 days.

When installed, ContentCafé needs to be accessible via the URL <http://www.mycompany.com/contentcafe/>. You can accomplish this by installing ContentCafé either in the top level (the document root) of the web site or in a different location and using web server aliases and ColdFusion mappings for /contentcafe/.

If you have login access to the web server, FTP the ContentCafé archive file where you need it installed and extract it. To extract on Windows use a utility like WinZip. On a Unix system (Mac OS X, Linux, Solaris, etc) use the command "tar xzf contentcafe.tar.gz" to extract the archive.

If you only have FTP access to the web server you will need to extract the archive on a local computer, as described above, and then FTP the /contentcafe/ directory to the web server.

Once the archive is extracted and placed in the appropriate directory on the web server, set the permissions on the "contentcafe" directory and its contents to the account for the web/ColdFusion server.

Section 4: Running the Installer

After you have extracted the software in the proper location you can access the installer with a supported web browser at [http://\[server\]/contentcafe/install.cfm](http://[server]/contentcafe/install.cfm) (where [server] is the IP name of your server). You will be presented with the ContentCafé installer, as shown in figure 4.1.

ContentCafé Documentation | ContentCafe.net | ccElo Store

ContentCafé New Site Installation

Installation Checklist

- Installation and Site Keys **Not configured**
- Site Layout **Not configured**
- Database Information **Not configured**
- Email Settings **Not configured**
- Web Proxy Server **Not configured**
- Administrator Account **Not configured**
- License Agreement **Not accepted**

Recent News

- May 10 2011** **Firefox 4+ Support**
We're please to announce the support of Firefox 4+ with a patch to ContentCafe 1.2. Simply download and install the patch to start using Firefox 4 with ContentCafe.
[More...](#)
- Mar 11 2011** **HTML5/Flash Display for JW Player**
We've added a new display for the JW Player element. You can now take advantage of the HTML5 video feature of JW Player to display videos in browsers that do not support Flash video such as iPhones and iPads.
[More...](#)

Welcome to ContentCafé!

Thank you for choosing ContentCafé as your web content management system. We are confident you will find it to be an intuitive yet powerful tool that helps you to deliver a consistent web presence to your viewers.

This installer will walk you through the configuration of ContentCafé. The items listed to the left under "Installation Checklist" will show you the status of each configuration section. Once each section displays a status of "configured and tested" you will be able install ContentCafé.

Prerequisites

There are a few requirements that you need to complete before you can begin the installation process. Fortunately you have completed the first two steps: installing a ColdFusion engine (Adobe ColdFusion, OpenBD or Railo) and downloading a copy of ContentCafé to your server.

The next requirement is to create a database that will hold information about your site. ContentCafé supports MySQL version 4.1 and newer. You can download the free version of MySQL at <http://www.mysql.com/downloads/mysql/>.

Once you have MySQL installed you need to create a ColdFusion data source that allows your ColdFusion engine to access the MySQL database you just created. This is done in the ColdFusion Administrator; see the documentation for your ColdFusion engine for instructions on how to create a new data source.

The data source you create must support CLOB and BLOB retrieval (this is usually entered in the "Advanced" section of the data source). Additionally, the data source must support at least SELECT, INSERT, UPDATE, DELETE, CREATE, DROP and ALTER SQL statements.

After you have completed all of the prerequisites for installing ContentCafé you may begin configuring ContentCafé by entering your [Installation and Site Keys](#).

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Figure 4.1: install.cfm

On the left, under "Installation Checklist", are a list of configuration options you must visit before you can install ContentCafé on your server. As each option is visited and properly configured the text below it will change from "Not configured" to "Configured and tested".

The following is a description of each option listed in the checklist.

Installation and Site Keys

Install key: the install key for this copy of ContentCafé; given to you when you downloaded ContentCafé for demo or purchase

Site key: the site key for this site; given to you when you downloaded ContentCafé for demo or purchase

Site Layout

Document root: the top level directory of your web site (the default should be correct)

Site name: a descriptive name for this site

Site directory: the subdirectory of the document root where this site will be created; leave this blank if you want the ContentCafé site to be created in the document root

Site domain: the domain for browser cookies sent by ContentCafé; usually this is set to the server name (e.g., www.mycompany.com)

HTML extension: the file extension used by the web server for static HTML files

Random string: used to encrypt passwords in the database for this site

Database Information

Data source: data source name defined in the ColdFusion administrator for ContentCafé

Data source username: if your ColdFusion data source requires a username to connect to the database enter the username here

Data source password: if your ColdFusion data source requires a password to connect to the database enter the password here

Database type: specify whether the data source is a MySQL or a PostgreSQL database

Table prefix: the prefix for table names (eg, 'cc_' will create a users table named 'cc_users')

Email Settings

Site SMTP server: host name (e.g., smtp.mycompany.com); optional – only necessary if some content managers will not be allowed to publish changes (see Administration Manual Section 9: User Management) or if web pages will be sending email

Site SMTP port: the port the SMTP server listens to for new email connections

SMTP server uses SSL: does the SMTP server use SSL for its SMTP communication

SMTP account name: account name needed to authenticate into the SMTP server; optional – only necessary if you are using an “SMTP server” setting and your SMTP server requires authentication to send email

SMTP account password: password for “SMTP account name”; optional - only necessary if you are using an “SMTP server” setting and your SMTP server requires authentication to send email

Web Proxy Server

Web proxy server/port: optional – only necessary if your web server requires a proxy server to make outbound HTTP requests

Proxy server username/password: optional – only necessary if your web server requires a proxy server to make outbound HTTP requests

Administrator Account

Account name: the initial account name used to log into this ContentCafé site

Real name: the real name of the owner of this account

E-mail address: the email address of the owner of this account

Password: password used with this account

Password (again): verification of the password entered above

Random string: used to encrypt passwords in the database for this site

License Agreement

This option of the check list displays the license agreement for ContentCafé. By clicking on the "I Agree to the License Above" button you are agreeing to the terms of this agreement (see the ContentCafé license text on page 3 of this manual).

Once you have visited each item in the Installation Checklist, the installer will display "All options configured" and a button labeled "Set Up My Site". Click on this button to start the install processes. ContentCafé will attempt to install the site using the parameters you entered in the site install form.

The results are displayed in a two-tab window; the "Create Results" tab displays a summary of the attempt to install your site and the "Log" tab displays the details including any errors that may have been encountered.

If you do encounter errors during the site install, use the options under "Installation Checklist" to fix any problems referenced in the "Log" tab. Resubmit the checklist option then retry installing ContentCafé.

Next Steps

When the site has been successfully installed, you will need to remove the /ContentCafé/install.cfm file; until you remove this file you will not be able to log into your new site (additional sites can be installed within the "Site Administration" page of ContentCafé; install.cfm is no longer needed).

You now have a ContentCafé site set up! Your next steps are described in the Administration Manual; these include logging into the Site Administrator (Section 1), installing templates (Section 2) and style sheets (Section 3), creating categories for objects (pages, images, etc.) for this site (Section 4), and creating your first web page (Section 5).

Appendix A: Caching

ContentCafé caches content to provide faster read-mode performance and to reduce system resource usage. This caching is accomplished using ColdFusion to store “snapshots” of content.

This mechanism creates cache files in the “.htcache” directory within the top level directory of your ContentCafé site for each element on a page or template. Because these cache files are fragments of HTML and ColdFusion code for your web pages, you will want to prevent people from browsing directly into your .htcache directory. For Apache this can be achieved within the server’s configuration file or with a .htaccess file. For IIS this access restriction can be specified within a web.config file. See your web server’s documentation for more information.

All content elements in ContentCafé have cache files. Some content elements are “static” - they only change when a content manager saves a change to the content (e.g., a block of text). The cache files for these types of content elements are updated whenever a change to the content is saved.

Other content elements are “dynamic” – they require some kind of processing to display their data (e.g., a list of ContentCafé news items). By default these content elements are always displayed “live” (the cache file tells ContentCafé to re-build the content for this content element immediately). This can be overridden by the content manager, allowing the content of a content element to be cached for X minutes (see the Content Manager Manual: Section 4: The Content Tab).

For example, a list of ContentCafé news items may be set to cache for 60 minutes. The first request for the web page that has the list of news items will load the content element immediately and save the results to the cache file. Any subsequent requests for this content element in the next 60 minutes will use the cached content from the first request. After 60 minutes the content in the cache will have expired and the content for the content element will be pulled live again and re-cached.

Static and cached dynamic content that has not expired will be displayed from cache files, requiring no database interaction. If your database server is down, the page and all of its cached content will still be displayed.