Installation Manual
ContentCafe 1.2 ColdFusion

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ContentCafe License

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ContentCafe 1.2 ColdFusion End User License Agreement
Single Installation License
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Section 1: Welcome to ContentCafe

ContentCafe 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 ContentCafe is easy for the developer; maintaining the web site's content is easy for the client.

ContentCafe is developed in Adobe's ColdFusion Markup Language (CFML) yet knowledge of CFML is not a requirement for the developer who is installing ContentCafe. The CFML for ContentCafe is provided and may be modified by the developer. The only exception to this provision is the code that checks the license state of the ContentCafe installation.

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

> **Content Managers**
> These are the people who will manage the web site's content.
>
> **Web Sites vs. ContentCafe Sites**
> Web sites are denoted by the server portion of a URL (eg, in the URL http://www.mycompany.com/hr/, www.mycompany.com is the web site); in ContentCafe sites may also be server specific – just like web sites – or they may be specific to a certain section of a web site (eg, http://www.mycompany.com/hr/ and http://www.mycompany.com/products/ may be two distinct ContentCafe sites).
>
> It is important to note that information from one ContentCafe site is not available to other ContentCafe 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 ContentCafe!

Section 2: Hardware & Software Requirements

ContentCafe 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 ContentCafe. 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
ContentCafe has the following software requirements:

> **CFML Web Application Environment**
> ColdFusion version 6.1 (or newer) or BlueDragon version 6.2.0 (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) and Safari 3.0 (or newer)

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

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

Section 3: Obtaining & Extracting the Software

ContentCafe is available for download from
http://www.contentcafe.net/download/ as either a .zip (Windows) or a
.tz (Unix) archive. You must either sign up for a 30 day demo or
purchase a ContentCafe license at http://www.contentcafe.net/.

When installed, ContentCafe needs to be accessible via the URL
http://www.mycompany.com/contentcafe/. You can accomplish this by
installing ContentCafe 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 ContentCafe
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 zxf contentcafe.tar.gz" to extract
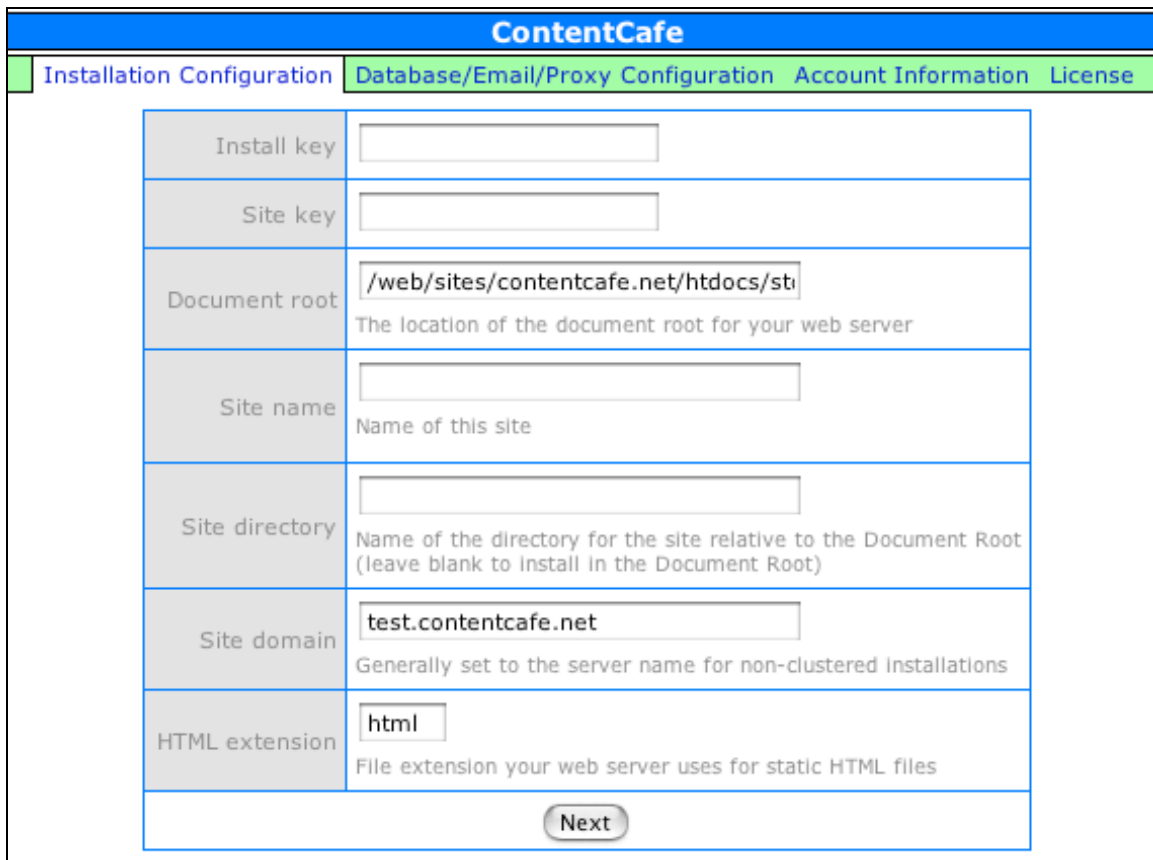the archive.

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 (where [server] is the IP name of your server). You will be presented with a four-tab web page, as shown in figure 4.1.

Figure 4.1: install.cfm

The following is a description of each field in each tab.

> **Installation Configuration Tab**
> Install key: the install key for this copy of ContentCafe; given to you when you downloaded ContentCafe for demo or purchase
>
> Site key: the site key for this site; given to you when you downloaded ContentCafe for demo or purchase

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 ContentCafe site to be created in the document root

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

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

Database/Email/Proxy Configuration Tab
Data source: data source name defined in the ColdFusion administrator for ContentCafe

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')

Site SMTP server: host name (eg, 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

SMTP account name: account name needed to authenticate into the SMTP server; optional – only necessary if you are using an "STMP 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 "STMP server"

setting and your SMTP server requires authentication to send
email

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

Account Information Tab
Account name: the initial account name used to log into this
ContentCafe 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 Tab
This tab displays the license agreement for ContentCafe. By
clicking on the "Agree/Create Site" button you are agreeing to
the terms of this agreement (see the ContentCafe license text on
page 3 of this manual).

Once you have filled out the site install form, click the "Agree/Create
Site" button. ContentCafe 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 "back to the
form" link in the "Create Results" tab to return to the site install page.
Correct the errors in the form (you'll also need to re-enter passwords
in the "Account Information" tab) and re-submit the form.

Next Steps

When the site has been successfully installed, you will need to remove the /contentcafe/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 ContentCafe; install.cfm is no longer needed).

You now have a ContentCafe site! 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

ContentCafe 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 ".htcache" directories within the directory of the ContentCafe page or the /templates/ directory, depending on where the content being cached is defined. 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 directories.

All content elements in ContentCafe have cache files. Some content elements are "static" - they only change when a content manager saves a change to the content (eg, 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 (eg, a list of ContentCafe news items). By default these content elements are always pulled "live" (the cache file tells ContentCafe to re-build the content for this content element immeditately). 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 ContentCafe 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 pulled 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.