



Content Management Framework (CMF)

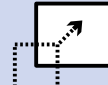
Powered by Zope™

“Today’s successful Web applications are predicated upon the participation of vast teams of people across the enterprise. They have different skill sets and even competing audiences. We wanted to let people develop their Web presence through massive collaboration safely, efficiently and dynamically. We sought to enable the highest quality content creation, maintenance and delivery. We’ve done that with CMF 1.0 .”

Brian Lloyd
Digital Creations

CMF delivers high-performance, scalable, extremely flexible Content Management Systems with extraordinary flexibility and speed. CMF enables corporate Intranets, community Web sites and all other content creation companies to easily publish and distribute their data across a broad network of customers, employees and partners.

The Five-Point Path to Dynamic Content Management Systems



1

Ultimate workflow, content creation & delivery
Securely Collaborate, Delegate, Integrate, Search, Edit, Update, Publish

2

Integrates with multiple technologies
Tools, Databases, Servers and more

3

Processes rich, varied menu of content types
Database designed to scale without limits

4

Flexible, easy to modify and maintain
Permissions, Versions, Template, Design, Personalization, Caching

5

Immediate, real-time response
Fast implementations deliver time-to-market edge

Build with Zope Objects

The CMF is built upon the powerful Zope Open Source application server and is a 100% object-based framework.

Easy, Flexible Maintenance

The CMF enables unlimited numbers of people to collaborate in maintaining content. Permissions are built in to ensure that proper workflow procedures are followed, and properly designated people can change appropriate parts of the site. Unique to Zope is the particular ease and security of versioning. Changes can easily be rolled back to prior versions in real time.

Rich, Varied, Scalable Content

The CMF can accommodate a wide variety of content types, identifying three tiers: presentation, business logic and data. All three tiers are treated as managed content and stored in a database. Changes and updates can be made in one place and automatically rolled out to the entire site. Content does not have to be formatted for relational databases, so sites run more efficiently.

Content Management Distribution

Digital Creations' CMF delivers ultimate security in content production and maintenance. Normal business procedures are translated to on-line functionality. This allows companies to delegate content writing, updating and publishing to the appropriate parties.

Content Variety

The CMF can easily handle multimedia as well as all other forms of content. Since the CMF does not use a relational database, the database schema is flexible and extensible.

Template and Design

Content is separate from the look and feel of the site. Digital Creations' CMF supports the ability to serve up multiple presentations. A site can have a flashy look for one audience and a conservative look for another.

Workflow

Workflow describes content creation, including presentation, update and delivery, by each participant group and individual. It can be customized to conform to each company's unique business practices. Each document or content item can live by the same or different rules. Approvals can be simple or complex, with multiple paths and versions. Presentation is treated as content, so changes can be made "off to the side", with approvals obtained before rolling out a new interface.

Security

The CMF simplifies delegation of authority. Security is treated as another object instead of relying on the operating system. People outside one division can safely be given a variety of permissions without inadvertently opening back doors. System users are identified and given privileges based on pre-defined roles. Users can have roles everywhere or just in one part of the site, over certain specific bits of content.

Personalization

Members or groups can set preferences and create their own content using browser-based tools provided by the CMF. They can have control over the look and feel of the site should management decide this to be an effective way to operate.

Version Control

Document/data version tracking and rollback capability are built into the framework. Transactions can be executed, stopped at any point and rolled back while maintaining the integrity of other parts of the system.

Scalability

The CMF architecture supports vast amounts of content, and potentially millions of users. There are no inherent limits. The database is designed to scale, and clustering allows the addition of hardware indefinitely.

Caching

Support for caching is built into the application server. There is no need to write application code to specify whether objects are cached in the browser, in the application, or by intermediate caching servers. Different caching strategies may be plugged in easily.

Searching

Information is added and indexed on a real time basis, so as soon as permission is granted for content to be made public, the text is available for searching. Both meta database and full text searching are available, making results clean and of superior quality.

Integration with other Technologies

The CMF integrates easily with other tools, databases, servers and other components: XML, RPC, SOAP, LDAP, Oracle, Sybase, ODBC, and many more.

The Open Source Advantage

The CMF is Open Source software because the source code is delivered with the product. This means that companies are not tied to particular vendors, and are not dependent on artificial release schedules for improvements. With Open Source comes the freedom to modify and control the CMS internally.

Support & Training

Digital Creations offers support and training for the CMF on a fee basis. In addition, many questions can be answered by posting messages to the very active Zope mailing lists, one of which is specific to the CMF. There are over 20,000 developers around the world contributing to Zope, providing an on-going source of support and enhancements.

Consulting Services

Digital Creations offers premier consulting services with the team that developed and continues to enhance Zope and CMF. To get quality content to market at warp speed, use Digital Creations's experienced staff, state-of-the-art technology and collaborative business thinking.

Zope Advantages

- 1 Open Source application server and toolkit, which quickly enables the creation of dynamic high-performance Web-based business applications, e.g., content management solutions.
- 2 Provides clean separation of data, business logic and presentation; an extensible set of built-in objects; and a powerful integrated security model – all managed through the Web.
- 3 Contains a built-in Web server, FTP server and database, which integrates well with other Web servers, data exchange methods, content creation packages and relational databases. Zope runs on most versions of Windows and UNIX, including Linux.