# Bob Doyle Timeline

Ph.D. Astrophysics, Harvard, 1968
Collaborative Observing Program, Skylab 1970-72
Super8 Sound, 1973-78
Harvard-Radcliffe Film Workshop - 1975
Merlin and 5 other computer games– 1977-81
iXO Telecomputer – 1980-87
MacPublisher – 1984-1987
Brown Television (BTV) - 1986
Hi-8 and DTV Users Groups 1986-1996
Harvard-Radcliffe Television (HRTV) – 1988
Quad Sound Studios – 1990
Digital Video Editor, New Media -1993-1999
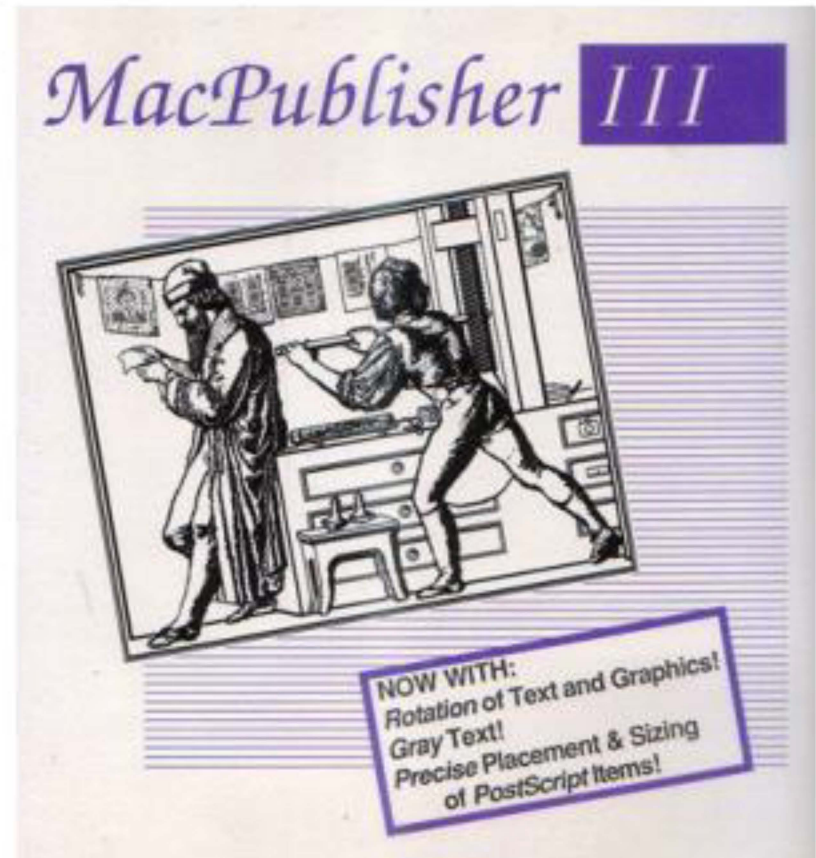skyBuilders.com – 2000-present
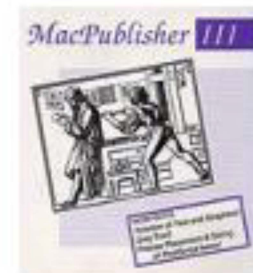
Parker Brothers Games

iXO Telecomputer
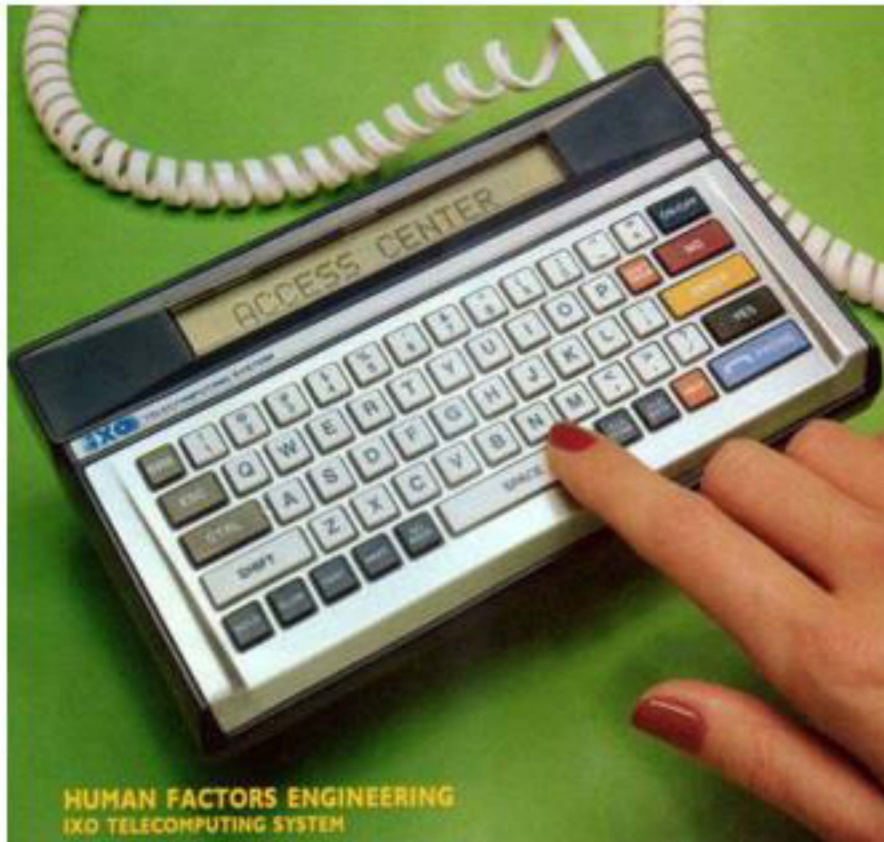
- Computer-initiated dialogues (AI)
- Yes, No, Help, Repeat keys
- "Operators are standing by"
- Stock trades, airline reservations, bill paying.
- Hearing-impaired
- Powered from phone line
- Venture capital $13 million
- Never developed the backend database services
- Huge NOL carry-forward

MacPublisher

- First Desktop Publishing Program
- 11th Certified Mac Developer
- Shipped in 1984
- Laserwriter in 1985
- First "spot color" text on Apple Imagewriter
- First rotated text/gaphics
- Sold 20,000 copies
- MacIndexer
- Mac-Hyphen
- Sold to Letraset in 1987

MacPublisher **III**

NOW WITH:
Rotation of Text and Graphics!
Gray Text!
Precise Placement & Sizing
of PostScript Items!

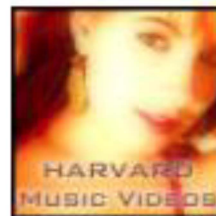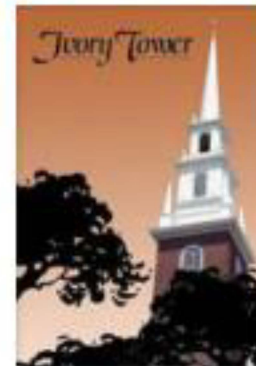# Brown Television (BTV)

Doug Liman

Hi-8 Users Group

Funded Videomaker Magazine, Hi-8 Group became Desktop Video Group in 1992

HRTV and Quad Sound

Harvard-Radcliffe Film Workshop was in the basement of Holmes Hall (North/Pforzheimer House) where the old Radcliffe Radio Station and Morse Music Library were located. In the mid-80's it became HRTV and the radio broadcast booth and adjoining sound rooms became Quad Sound Studios.

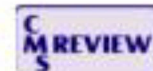# Doing What Recently

CEO, skyBuilders.com – 2000-2006

Editor, CMS Review and twelve related websites – CMS Wiki, CMS Forum, CMS News, CMS Calendar, CMS Glossary, CMSML, CMS Boston, Open Internet Lexicon, TaxoTips, Memography, Memetic Web, List-2-Web

Founder, CM Professionals

Contributing Editor, EContent Magazine

The First Podcast

- Christopher Lydon (NPR's "The Connection")
- Dave Winer
- Adam Curry

- Bloggercon
- BlogAudio.org
- Lydon's new "Open Source" Show

CMS Review

Finding a CMS

- ## The CMSML project at CMS Review and CM Pros

CMS Feature Comparator

Choose any two CMS and compare them head to head and feature for feature.

The **Feature Comparator** is generated from the **CMSML** database.

List below shows the current database contents. Click **Search** below to enter parameters and find matching CMS in the database. Click **Directory** below to access our faceted CMS classification. Choose two CMS from the drop down menus, then click **Compare** below to see features side by side.

All four of these tools are always available in the CMS Review global navigation above.

These four tools (and others) can be syndicated as **feeds for your CMS-related website**.

List | Search | Directory [Atomz Publish ▾] [Advantage ▾] **Compare**

Click compare to get
the results below...

Select two CMS or enter
search terms to find CMS
that match your criteria.

The directory is a *faceted*
classification scheme.

	Atomz Publish	Advantage
▼ CMS		
▼ Overview		
▼ Basic Info		
Product Name	Publish	Advantage CMS
Organization Name	AtomZ	Crownpeak Technology
Company Web Page	http://www.atomz.com	http://www.crownpeak.com/
Product Web Page	http://www.atomz.com/publish/	http://www.crownpeak.com/
Company Description	Currently used by a wide variety of enterprises and organizations, Atomz Publish enables distributed Web developers, designers and content editors to collaboratively produce and	CrownPeak's Advantage CMS delivers all of the features of a world-class content management system: **source control, versioning,** spell checking, link checking,

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CMS Review Glossary

REVIEW

Feature Lists, Comparisons and Resources to help select the right CMS

What do you want to do here?

Hosted CMS | Open Source CMS | Proprietary CMS | Forums | News Portals | Weblogs | Wikis | WYSIWYG Editors | XML Editors

List of CMS | Search for a CMS | Directory of CMS | CMS Features | Feature Comparator

Content Management Glossary

15 STEPS

7 STAGES

BEST PRACTICES

PRODUCTS

RESOURCES

TOOLS

NEWS

CALENDAR

GLOSSARY

ABOUT US

HOME

Ads by Google   CMS Intranet   Red Dot CMS   CMS News

THE MISSION OF **CMS REVIEW** IS TO GIVE YOU THE RESOURCES right content management system for your organization. We mana related sites and community **mailing lists** and we link you to the top CM

We provide **directories** with descriptions of over 350 **Proprietary** CMS, **Open-Source** CMS, and **Hosted** CMS services at application service providers.

We separately list "**CMS-Lite**" products like **Forums, News Portals, Weblogs,** and **Wikis,** as well as **WYSIWYG Editors** and **XML Editors** for a CMS. We also list **News Readers** and **Weblog Aggregators**.

Above all, we want to try to help answer these basic questions.

- What are the **defining features** of a CMS?
- How can you **compare** different CMS?
- What are **the 15 steps to select a CMS** ?
- Should you **build, buy, or rent** your CMS?

Content Management Glossary
A
Above The Fold
Abstract
Abstraction Layer
Access Control
Accessibility
ACID
Acquisition
Active Server Pages
Adapter
Administration
Affordance
Agents
Aggregation
Alignment
Analytics
Annotation
API
Application
Application Portal

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Definition of Accessibility

http://www.cmscalendar.com - CMS Review Glossary - M...

C M S REVIEW

Glossary Term:

Accessibility

Definition:

Accessibility is the measure of a web page's usability by persons with one or more disabilities hearing- or visual-impairment being the most important.

The Americans with Disability Act (**section 508 guidelines**) specifies a FeatureSet? needed for **compliance**.

W3C?, the World Wide Web Consortium also offers **web accessibility guidelines**.

Booby is a free portal that runs tests on a WebSite? to verify **compliance** with the accessibility guidelines.

Mark Pilgrim's **Dive Into Accessibility** is a tutorial site.

Do not confuse with **Access Control**.

CMS Glossary Index | **Back**

Feature Lists, Comparisons and Resources to help select the right CMS

Wikis | WYSIWYG Editors | XML Editors

Content Management Glossary

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Hosted C
List of CI
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CMS Review Videos

- Eighty hours of video from Gilbane Conference, IA Summit, OSCOM, Bloggercons at Harvard.

Bob Boiko interviews Shino

Other CMS Review Sites

CMS Forum

CMS Wiki

CMSML

CMS News

CMS Calendar

CMS Glossary

CMS Boston

Memography

Open Internet
Lexicon

TaxoTips

List-2-Web
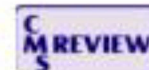
CM Professionals

- Website
- Globalization
- Community Tools, Mail, Member Directory
- Glossary, Resource Library, Calendar
- Face-to-face Meetings
- CM Pros Communities

CM Professionals

CM Pros Member Directory

CM Pros Calendar

CM Pros Calendar

CM Pros Best Practices

Home > Resources > Best Practices > Controlling Vocabularies

- Mailing lists
- Newsletter
- Glossary
- Library
- **Best practices**
- CMS Overview
- Lifecycle Poster
- Website

- **Home**

CM Pros
CONTENT MANAGEMENT
PROFESSIONALS

CM Professionals Best Practices

Pattern	**1.3 Controlling Vocabularies**
Intent	*Improve our ability to share knowledge by first sharing a common vocabulary that reduces ambiguities and confusion, and provides terms for use in categorization and advanced search.*
Context	Navigating a website or searching a knowledge base requires the use of keywords and standard terms. When different users have different names for the same thing, the resulting confusion reduces worker productivity and degrades communication between colleagues.

Problem	• Why can't everyone just use the same vocabulary?
	• This problem is difficult because
	  o Everyone comes to their work with different educational backgrounds and experience, and they may have different names for similar subjects or concepts.
	  o The tendency to invent jargon is irresistible. Having a standard controlled vocabulary and a standard set of practice descriptors, organized into a standard arrangement, takes a lot of discipline.
	  o Sometimes people need training in the accurate spelling of terms important in their workplace.
	  o Even CM Pros tend to invent practices and jargon for their marketing advantage, rather than conform to an industry practice.

EContent   CM Pros   CMS REVIEW

Defining Content Management

- What is a CM System?

- What Is Content Management?

- What Is Content?
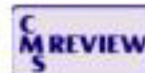
What is a CM System?

- It is humans using computers and software to assist in managing content.
- It has two main parts:
  - The user interface.
  - The database (content repository).
- Everything else is *magic* middleware.
- It helps manage the *content lifecycle.*
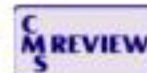
What Is Content Management?

- Content management is the whole process from creation and capture of original content to the delivery of different versions to many publishing channels:

- Print

- Web

- Cellphone

- Etc.

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The Content Lifecycle

- 7 stages

- Organize
- Rules
- Create
- Storage
- Assembly
- Publish
- Archive

- Context
- Users
- Content

Context — User-Centered Design — User Experience — User Testing — **Users**

Organizing Information
- Business Strategy
- Content Model
- Information Architecture
- Vocabulary Control
- Categorization/Classification
- Interface/Interaction Design

Collaborations
- Weblogs
- Wikis
- Forums
- Mailing Lists

Publishing Channels

Push -
- Static/Dynamic
- Multichannel Delivery
  - Print
  - Web
  - PDA/Cell
  - PDF
  - Email
- Personalization
- Localization
- Rights Management

Workflow Rules
- Business Rules
- Policies/Procedures
- Roles/Responsibilities
- Content Owners
- Editors/Publishers

CRM
- Contact Info

- Access Control
- LDAP
- User Databases

Assembling Versions
- Versioning
- Version Control
- Content Types
- Templates
- Navigation
- Multilingual
- Compliance
- Reuse
- Rollback

Pull -
- Syndication
- Web Services
- Search Engine
- ECommerce

Create and Edit
- Authoring
- Capture/Collect
- Acquisition
- Conversion
- Aggregation
- Ingestion/DRM
- Editing Tools
- Metadata Tagging
- Library Services

Databases and Repositories
- Content Databases
- File System
- Native XML
- Documents
- Records
- Images/Multimedia
- Data Warehouses
- Legacy Systems

Archive and Destroy
- Retention Policy
- Knowledge Base

Content

IT Foundation
Audit Trails · Performance Metrics · Backup · Replication · Load Balancing · Scalability · Security

CM Pros

CMS REVIEW

EContent   CM Pros CONTENT MANAGEMENT PROFESSIONALS   CMS REVIEW

What Is Content?

- It's not the Presentation or the Structure!

- Separate Presentation from Content

- Structure the Content

- Tag Content with Meaning (semantics)
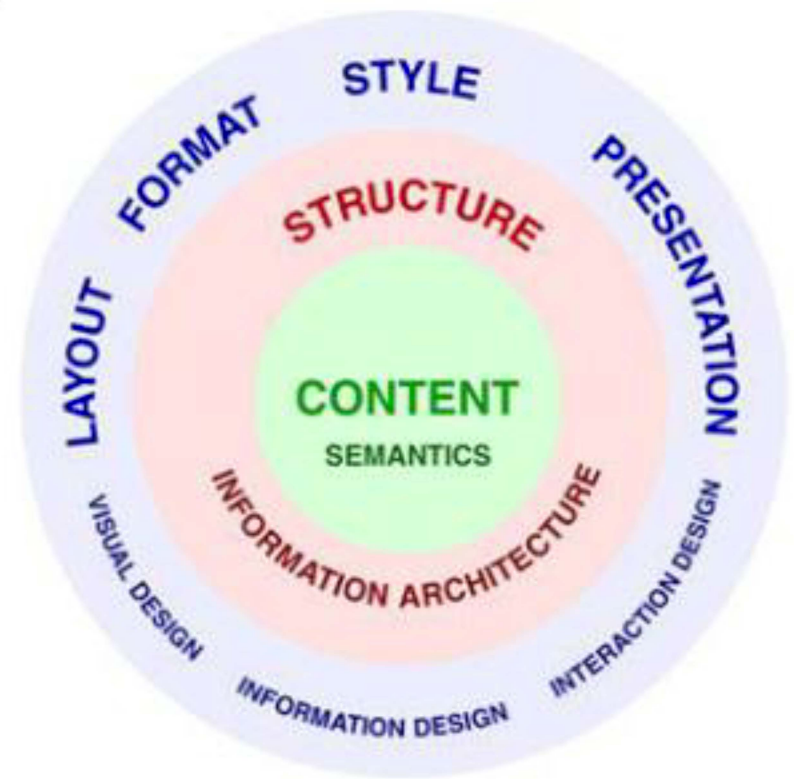
Three Different Professions

- The three layers are the work of different professionals

- Designers for Style
- Architects for Structure
- Authors for Content
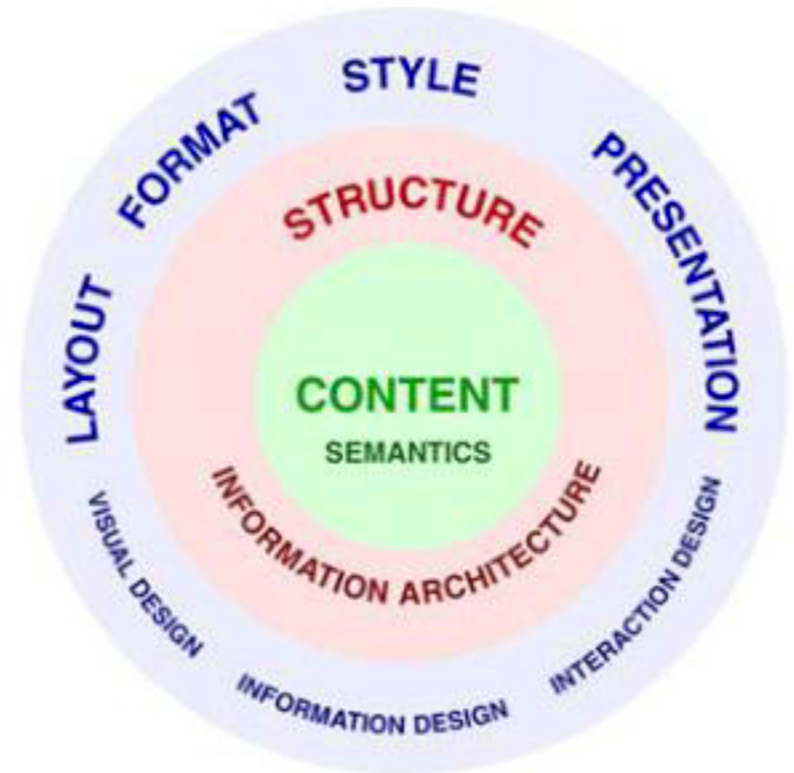
Three Kinds of Markup

- The three layers use different "markup"

- Style - <font>, <b>, <i>

- Structure - <div>, <span>

- Semantics <name>, <price>
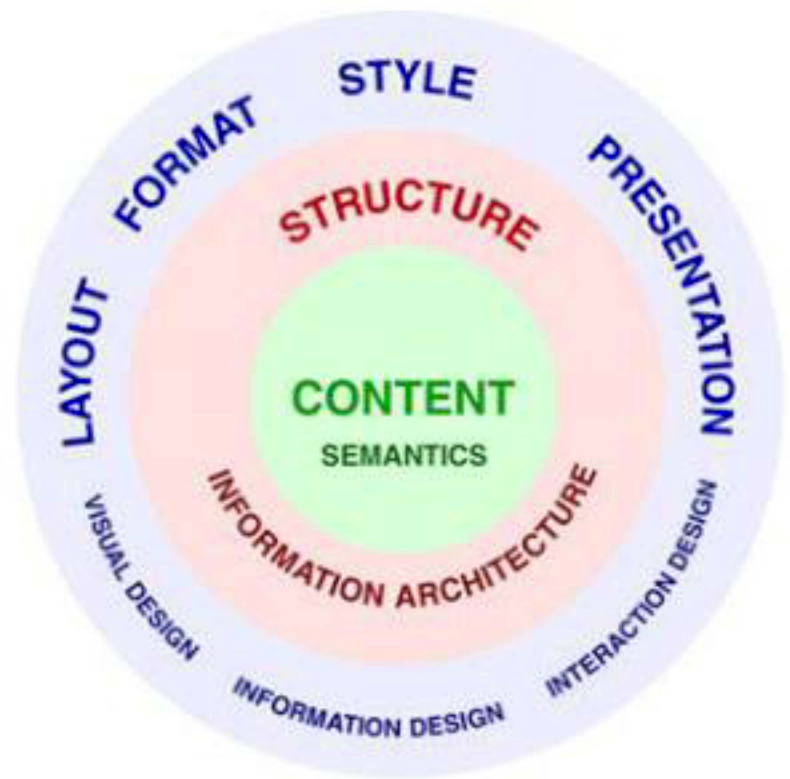
Three Kinds of XML

- The three layers use different technologies
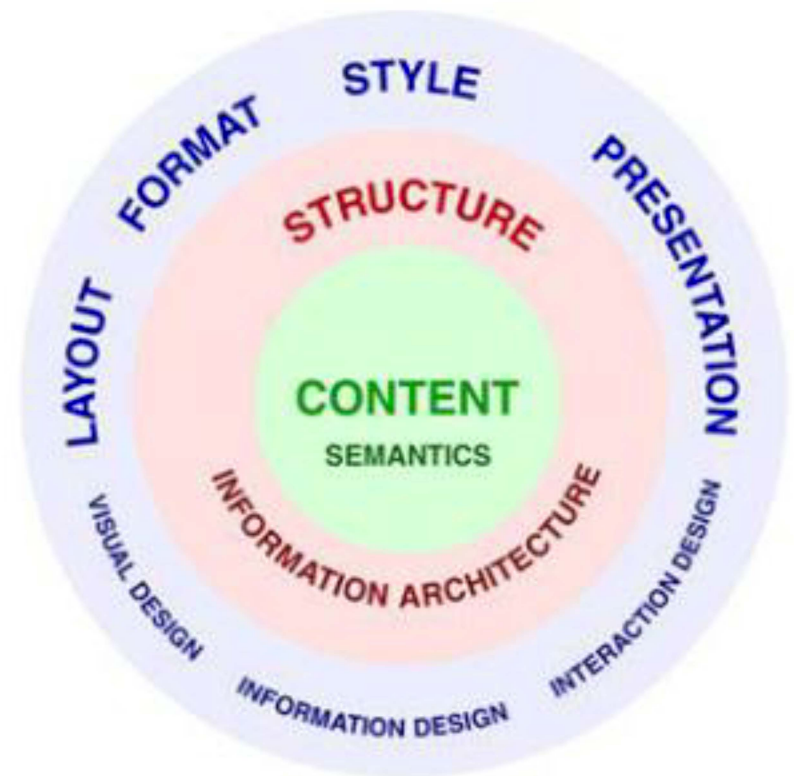- XSLT Stylesheets (CSS)
- XML Schemas (DTDs)
- XML Documents

XML Editors

- Altova XML Spy
- Cladonia Exchanger
- Stylus Studio
- SyncRO Soft
- Adobe FrameMaker
- Arbortext Editor
- XMetal Author
- Syntext Serna

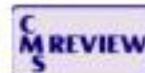Eight top XML Editors were studied

Chosen from 65 in CMS Review Editor Listings

Published in the June issue of EContent Magazine

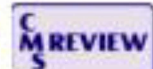Extended version - XML Editors Report

The XML Editors Report

- Personal use license

- Corporate license

- One year of release versions

- Online consulting included

- Screen share to look at interfaces

Thank you.

- ## Contact Bob Doyle
  - editor@cmsreview.com
  - bobdoyle@skybuilders.com

- ## Read my articles
  - www.econtentmag.com/About/AboutAuthor.aspx?AuthorID=155

Join CM Pros?

- Organize local meetings in Boston Area
- Subscribe to Boston Community mailing list
  - lists.cmprofessionals.org/mailman/listinfo/boston
- Register online to be a member
  - www.cmprofessionals.org/membership/how_to_join/
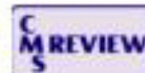
CMS Trends

- Open Source (and Open Documents)
- Online (ASPs and Web Services)
- Offshore? (Globalization)

- Enabling technologies (XML, Javascript)
- AJAX, Web 2.0

EContent CM Pros CONTENT MANAGEMENT PROFESSIONALS C M S REVIEW

Information Architecture and Content Management.

- *Two Kinds* of Information Architecture

- IA of document sets, books in a library, a website, the World Wide Web – organization, cataloging, metadata tagging, accessibility, findability.

- IA of a single document - page structure, allowed navigation elements and content elements.