



Enterprise Information Architecture

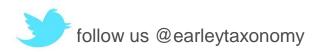
A Foundation for Portals, Knowledge Management, Business Intelligence, and Process Integration

June 5, 2013

Session 1 - Enterprise Information Architecture – The Time is Now

Seth Earley (@sethearley)

Philip Wisniewski







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Seth Earley, CEO, Earley & Associates

- Co-author of Practical Knowledge Management from IBM Press
- 17 years experience building content and knowledge management systems, 20+ years experience in technology
- Former Co-Chair, Academy of Motion Picture Arts and Sciences,
 Science and Technology Council Metadata Project Committee
- Founder of the Boston Knowledge Management Forum
- Former adjunct professor at Northeastern University
- Guest speaker for US Strategic Command briefing on knowledge networks
- Currently working with enterprises to develop knowledge and digital asset management systems, taxonomy and metadata governance strategies
- Founder of Taxonomy Community of Practice host monthly conference calls of case studies on taxonomy derivation and application. http://finance.groups.yahoo.com/group/TaxoCoP
- Co-founder Search Community of Practice: http://tech.groups.yahoo.com/group/SearchCoP



Philip Wisniewski, EVP, Client Development, Kanban

- Nearly 20 years of content-centric technology experience working with Marketing, IT, LoB, Customer Service and KM specialists and stakeholders.
- Been involved with award-winning projects across a diverse set of disciplines, such as:
 - Global intranets
 - eCommerce
 - Web content management
 - Enterprise document management
 - Customer service applications
 - Content marketing
 - Marketing technology optimization/integration
- At Kanban, Philip applies a mix of strategy, client development, and service delivery, to identify and foster value-based client relationships and deliver business impact through content-centric technology initiatives.
- Kanban is a boutique engineering consultancy, headquartered in NYC, focused on the integration and optimization of content-centric and marketing technologies.



Founded – 1994 Headquarters – Boston, MA

What we do – Help organizations make information more findable, valuable and usable through taxonomy, metadata, information architecture

Our core team – Information and system architects, library scientists, process improvement consultants, project managers and other information management specialists

Our services – Taxonomy, Metadata, Information Strategy and Architecture, Search Strategy and Implementation, Enterprise Content Management, Digital Asset Management

Our unique solutions -

- Knowledge Management with Enterprise Search & Findability
- Dynamic Content & Digital Asset Strategies with Content Choreography
- Product Information Architecture with Multi-Channel Product Agility

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Upcoming Webinar Events

Jumpstart Series

Enterprise Information Architecture:

A Foundation for Portals, Knowledge Management, Business Intelligence, and Process Integration

June 5: Enterprise Information Architecture – The Time is Now

- **June 12:** Right-Sizing Enterprise Information Architecture
- June 19: Taxonomies: Not just for knowledge management
- June 26: Managing Taxonomy for the Enterprise

Communities of Practice

- LinkedIn
 - Taxonomy CoP: <u>http://www.linkedin.com/groups/Taxonomy-Community-Practice-1750</u>
 - IA Experts: <u>http://www.linkedin.com/groups?gid=3774461</u>
- Yahoo
 - SharePoint IA Group: <u>http://tech.groups.yahoo.com/group/SharePointIACoP</u>
 - Taxonomy Group: <u>http://finance.groups.yahoo.com/group/TaxoCoP</u>
 - Search Group: <u>http://tech.groups.yahoo.com/group/SearchCoP</u>

Upcoming Training Opportunities

- SharePoint Information Architecture (3 days)
 - Learn more and register: <u>http://www.earley.com/training/sharepoint-information-architecture</u>

Housekeeping

- Webinar will last 80 minutes
- You may submit questions to the speakers via the Question box on your screen.
- Need help? You can email <u>sharon@earley.com</u>
- Tweet about this webinar with hashtag **#eiajumpstart**
- Follow us on Twitter at @earleytaxonomy
- Fill out the survey that should be in your inbox
 - Let us know what topics you are interested in, and how we can improve the series.
- Slides and recording will be available in a few days

Agenda

- Defining Enterprise Architecture
- Purpose of Enterprise Information Architecture
- The Problem, Environment, Challenges and Solution
- Big Data and Enterprise IA
- Conceptual Representations
- Benefits of Enterprise IA
- What's different?
- Alignment and Business Case

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But first, a poll

What is the status of information architecture in your organization? (pick one)

- □ Key asset for our IT infrastructure
- □ Early days but partially complete
- Growing awareness of importance
- □ I'm shouting in the dark



What do we mean by "Enterprise Architecture"?

- Every organization has silos
- Every organization will continue to have silos
- When silos are eliminated by some kind of consolidation project, new silos will emerge
- The nature of business and technology is that technology cannot keep up with the pace of business change they operate at fundamentally different clock speeds
- Technology is designed to satisfy a snap shot in time of the requirements of the business, by the time things are deployed, the target has shifted
- If the business moves significantly faster than technology capabilities, or the technology infrastructure is exceptionally complex, then the business will go off and deploy point solutions that may be disconnected from enterprise initiatives.
- The only way to deal with this is to have an Enterprise Information Architecture that is the foundation for new projects and programs that allows for better integration and a more agile information ecosystem



Enterprise architecture

"A **comprehensive framework** used to manage and align an organization's Information Technology (IT) assets, people, operations, and projects with its operational characteristics. In other words, the enterprise architecture defines how information and technology will support the business operations and provide benefit for the business."

The National Institutes of Health http://enterprisearchitecture.nih.gov/About/What/

Enterprise Information Architecture Initiatives Require Foundational Approaches in **Core Information Architecture** in Order to Achieve Long Term Success

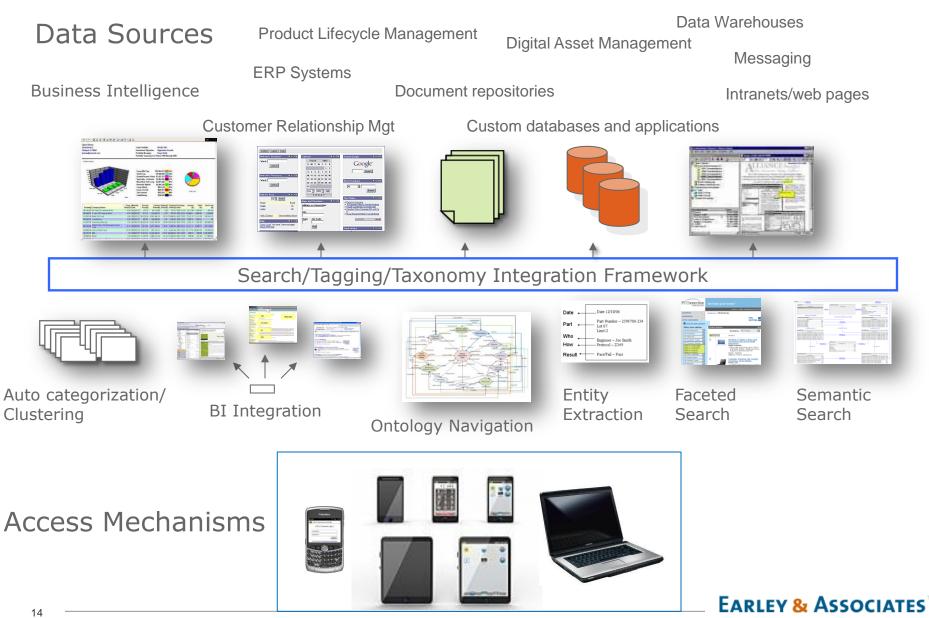


Purpose | Enterprise Information Architecture



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The Environment | Complex and Heterogeneous



The Environment | When is Enterprise IA Needed?

Information Project Type	Driver	Role of Enterprise Architecture
Structured Data		
Analytics	Need for appropriate analytics and elimination of unnecessary translation processes, improved findability of reports	Consistent naming conventions in all applications across structured and unstructured information required by analytics processes; allows for consistent roll ups and consolidation , location of reports and analysis with taxonomy
Reporting and Performance Management	Elimination of redundant reporting and analysis, easier rollups, consistent reporting	Foundation for reporting, allows comparison across business areas, helps unify reports, improves agility, speeds reporting processes
Enterprise Data Warehouse	Need for unified reference data and correct levels of granularity, single source of truth , elimination of redundancy	Allows for improved structured data quality, elimination of content ambiguity
Data Integration and Migration	Consistent terminology and correct granularity required for integration and migration	Allows for conversion of data and formats, elimination of inconsistencies prior to migration, improves data quality

Information Project Type	Driver	Role of Enterprise Architecture
Unstructured Data		
Enterprise Content Management	Essential for consistency in content processes, integration, access, effective search, content lifecycles, records processes	Organizing principles behind content models, controlled vocabularies, metadata schemas; enables overall findability
Social Media	Determine effectiveness of marketing and value of participation in social media through search metrics, blog mentions, conversations on social networks	Essential to tailor sentiment analysis to specific terminology of enterprise
Knowledge Management	Need to capture lessons learned and organizational memory. Allows for creation and management of communities and content	Organizes explicit knowledge through repositories and knowledge bases, organizes tacit knowledge through expertise cataloguing, tracking, location

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Information Project Type	Driver	Role of Enterprise Architecture
Unstructured Data		
Portal	Consistent access across structured and unstructured systems, unified workplace, simplified integration and application access	Organizing principles behind knowledge directories, content models, metadata, web parts, communities, applications, pages
Enterprise Search	Need for improved precision and recall for search, location of structured and unstructured info, reduction in "noise", enablement of related concept search	Taxonomies drive faceted search structure, allow for tagging of content, best bet management, search disambiguation, conceptually related terms, role based search results
User Experience	Need for consistent user experience, increased usability, improved learnability of applications	Aides in discovery, captures mental model of user, allows for consistent and unified information experience

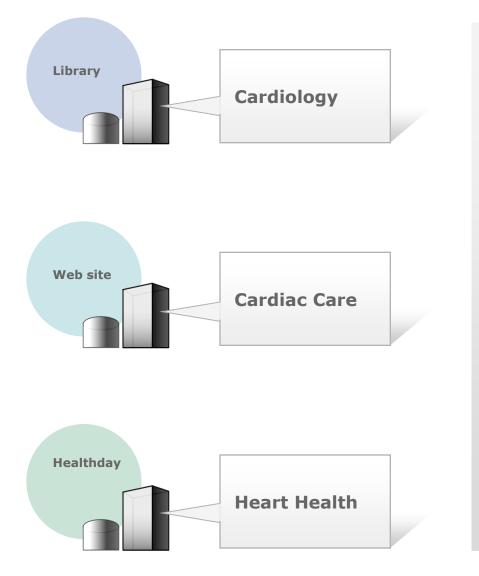
Information Project Type	Driver	Role of Enterprise Architecture					
Governance and Enablement							
Data Governance	Need for controlled processes for changed to reference data	Taxonomy processes parallel data processes and are a subset of data governance					
Enterprise Information Model	Need for consistency across all aspects of structured and unstructured information	Foundational to all enterprise information management and processes					



The Environment | Complex Digital Landscape



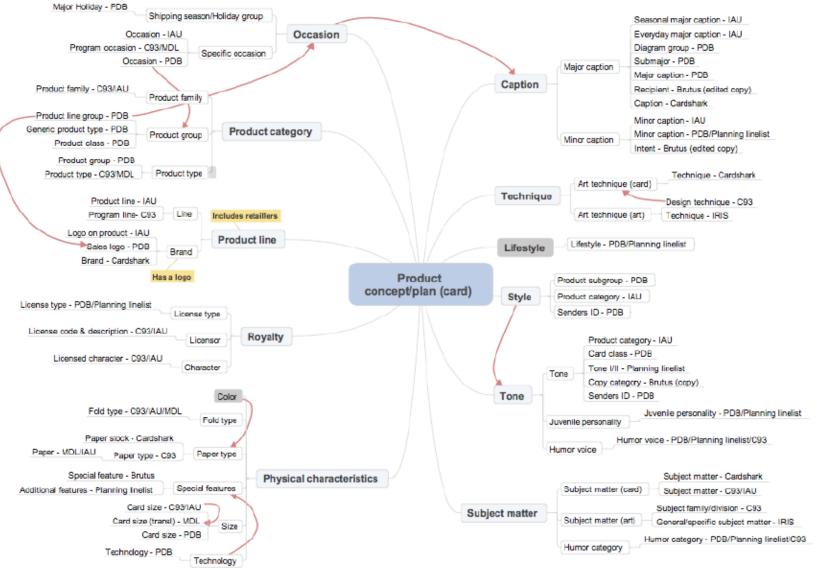
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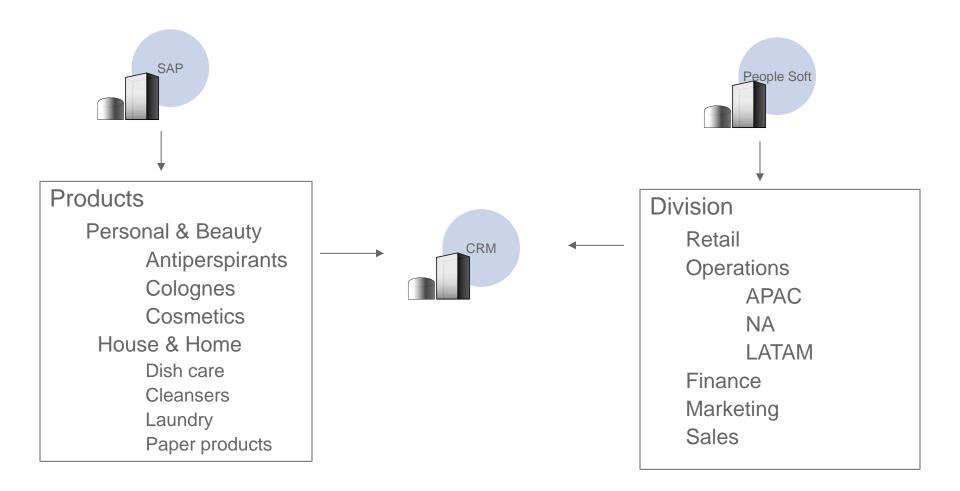
Problems:

- Difficulty finding relevant information
- Federated search configuration is cumbersome
- Inability to view consolidated results
- Limited ability to control shared vocabularies
- Weak governance or demonstrated control
- Costly/cumbersome administrative overhead

The Problem | Magnified Over Time, Systems, Processes, Complexity



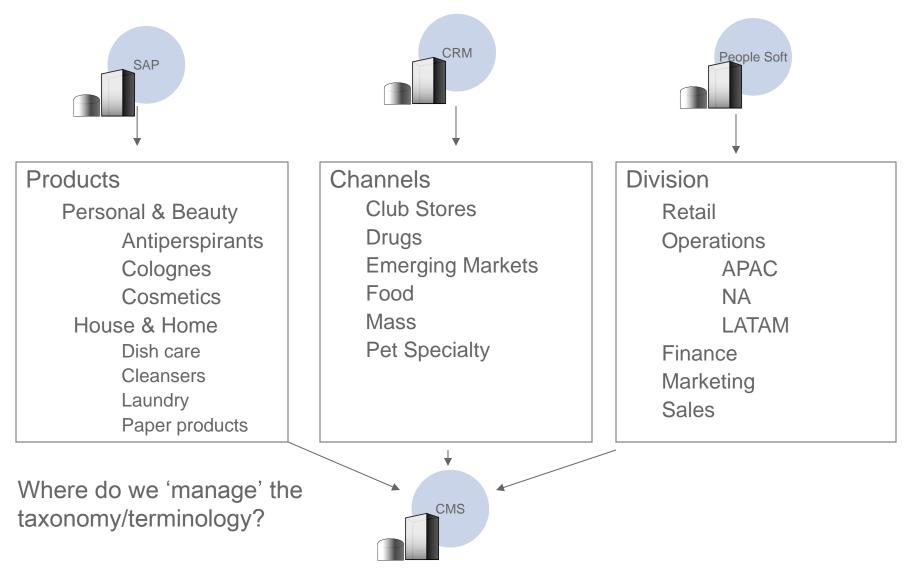
The Problem | Another View Point of the Source of "Truth"



May have multiple "sources of the truth" for different nodes of taxonomy feeding systems and processes



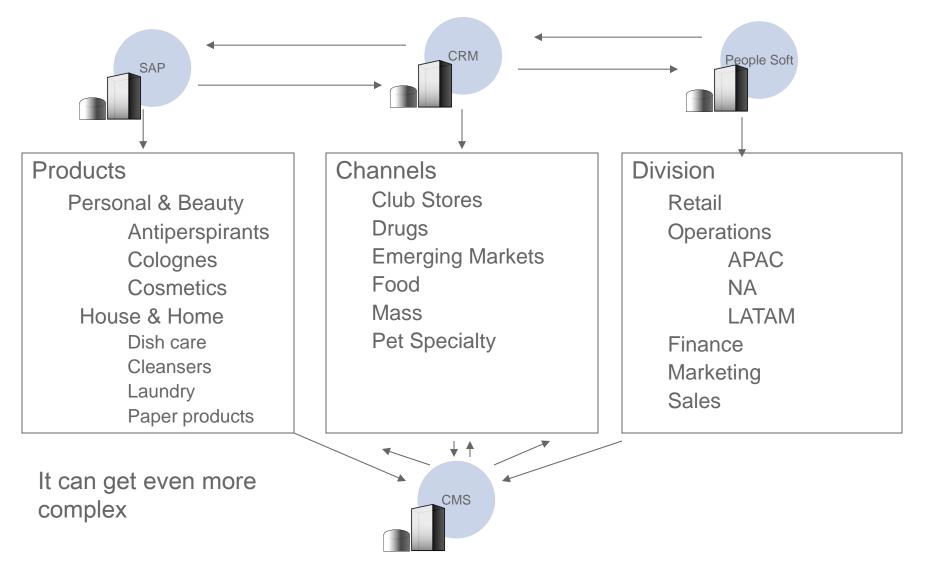
The Problem | Another View Point of the Source of "Truth"



May have multiple "sources of the truth" for different nodes of taxonomy feeding systems and processes

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The Problem | Another View Point of the Source of "Truth"

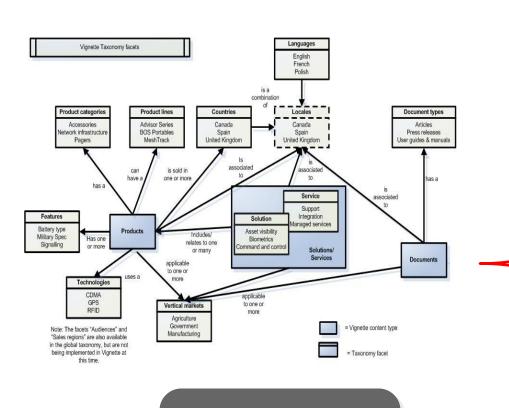


May have multiple "sources of the truth" for different nodes of taxonomy feeding systems and processes

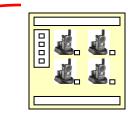
The Challenges | Classes of Tool and Integration Issues

Tool/technology class	Description	Integration Challenge	Example
Marketing Resource Management	Systems that allow asset reuse and streamline production workflow	Embedding metadata in assets as they move from system to system, consistency of terminology for component and composite assets	Integration of Digital Asset Management with Creative Workflow and editing tools
Customer relationship management	Applications that provide an integrated view of customer interactions	Ability to consolidate and roll up different activities that are fundamentally different	CRM systems consolidate information from a variety of subsystems: Email management, event management, customer support, collateral fulfillment
Document and web publishing	Moving content from one application to another, syndication of external content	Inconsistent metadata standards, inconsistent vocabularies, lack of context for user	Content migration from legacy applications to new systems or syndication of content to a channel partner's web site
Federated/ Integrated Search	Enterprise systems that search across structured and unstructured content and data	Inconsistent terminology from one content system to another Inconsistent terminology between structured and unstructured applications	Content management system term = SOW, Document management system = Statement of Work, Customer relationship management system = Work Order,
Transaction processes	Registration or commerce types of applications	Inconsistent description of customer and processes from one system to another	Registration in a web application needs to create a new account profile in another application
Data Warehousing	Extraction/Translation and Load processes	Format and conversions required to normalize data across systems	Business intelligence applications to analyze sales transactions over time

The Solution | A Consistent Framework Across the Enterprise



Case Example: Motorola's Global Taxonomy Framework Served Multiple Processes



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Browsing & filtering



Related documents



Financial reporting



Business intelligence

Active	Mature	Retired	Obsolete
Newest release The desce to be in the property	Previous releases	Discontinued his is an all assay short is to know weaklet to sale.	Obsolete The unservice larger examp
Full maintenance	Limited maintenance	No maintenance terminant in the sector has	No maintenance becaused in the recent here
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Compare product

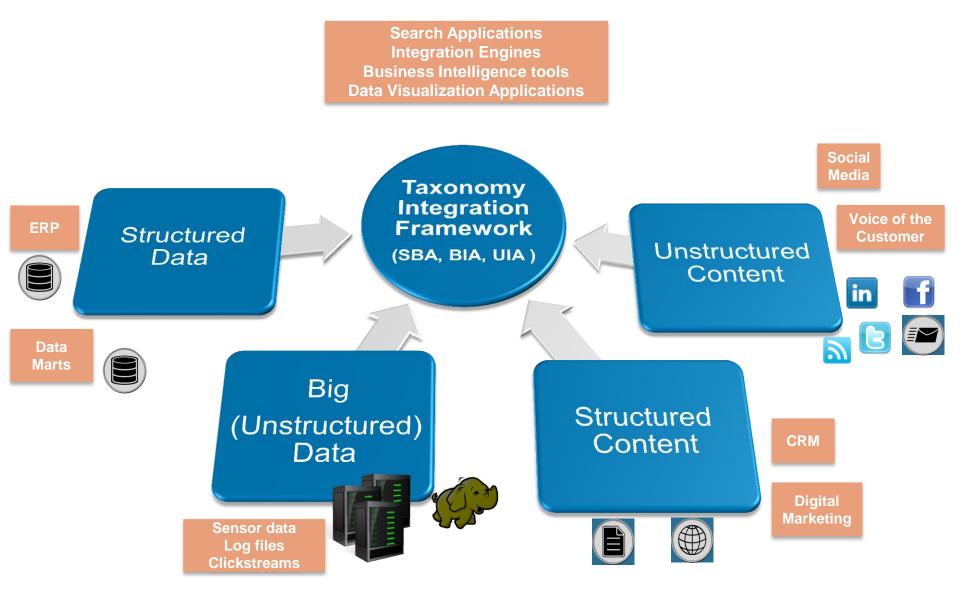
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Program Management

Product Lifecycle Management EARLEY & ASSOCIATES

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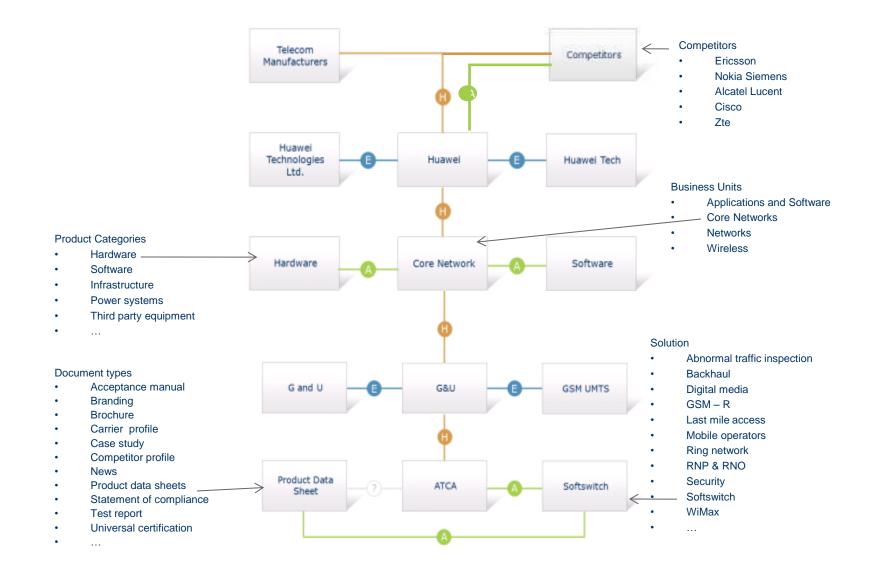
Big Data and Enterprise IA | Integration Framework



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Conceptual Representations | Telecommunications Product Ontology





Approaches | Conceptual Representations: Domain Model

Domain models focus entirely on **business concepts and their interrelationships**. (This makes them fundamentally different from metadata models, which are focused on descriptive metadata.)

There are two reasons to include domain modeling in a taxonomy project:

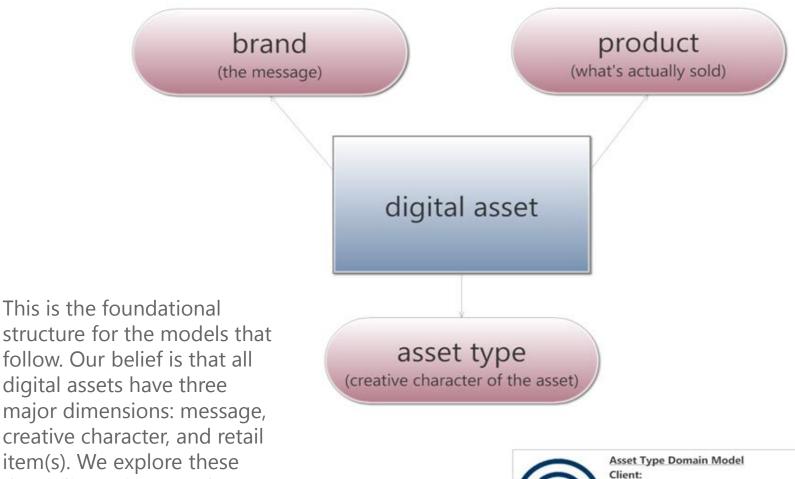
- To gain a broad understanding of how significant business entities interrelate.
- To discover and validate facets of the taxonomy.

The slides that follow illustrate the large concepts that surround digital assets, and how those concepts are connected within the company.

Next steps:

- 1. Validate the models for sense and completeness
- 2. Convert each "oval" into a taxonomy facet and begin to populate with values
- 3. Identify owners and stakeholders for each oval
- 4. Build information flow diagrams to convert modeled relationships into workflow.





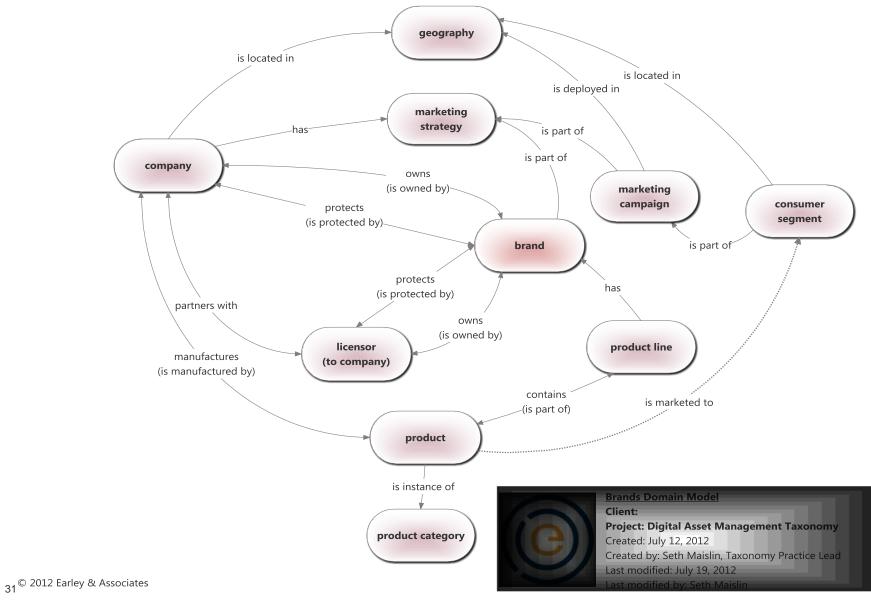
creative character, and retail item(s). We explore these three dimensions on the next slides.

Project: Digital Asset Management Taxonomy Created: July 18, 2012 Created by: Seth Maislin, Taxonomy Practice Lead Last modified: July 18, 2012 Last modified by: Seth Maislin

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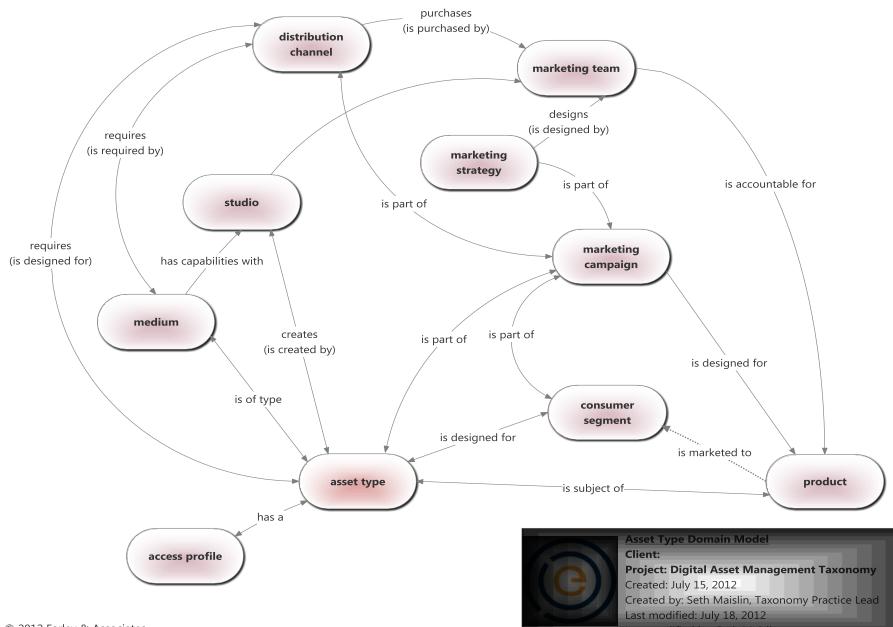
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Approaches | Digital Asset Management Domain Model



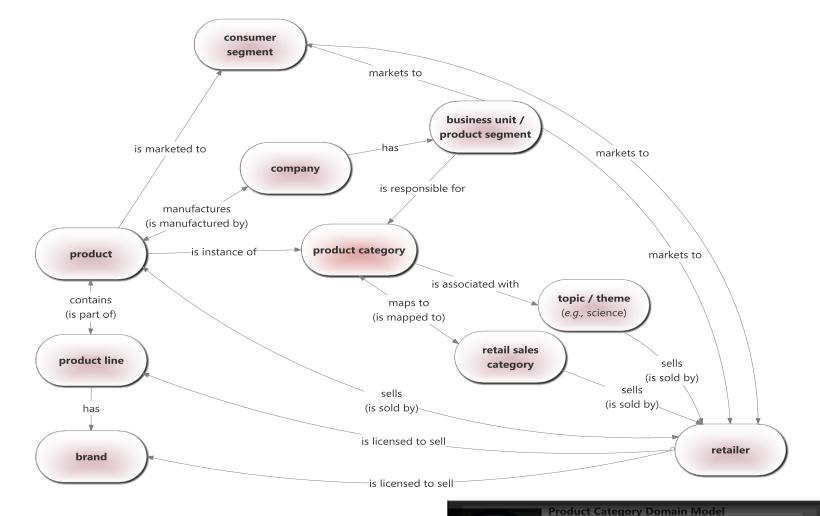
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Approaches | Digital Asset Management Domain Model



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Approaches | Digital Asset Management Domain Model

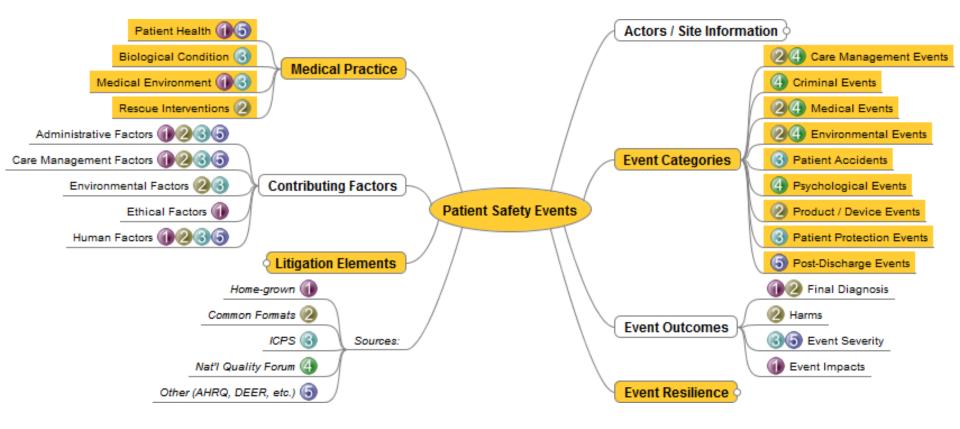




Client: Project: Digital Asset Management Taxonomy Created: July 9, 2012 Created by: Seth Maislin, Taxonomy Practice Lead Last modified: July 23, 2012 Last modified by: Seth Maislin

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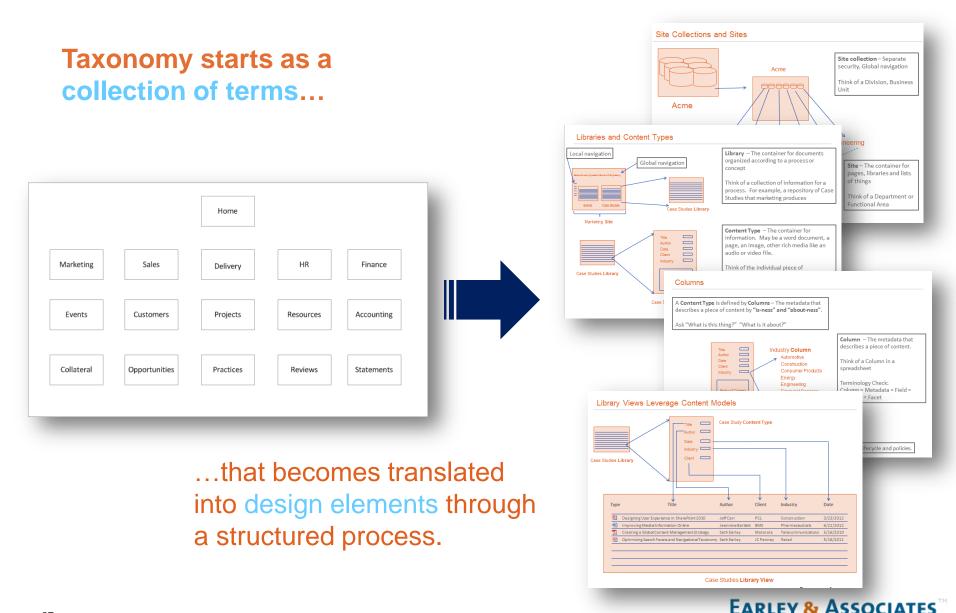
- **Objective:** To identify degree of non-conformance with taxonomy best practices and determine appropriate optimization recommendations for the product taxonomy
- Leveraged established E&A review process
 - Structure & Balance
 - Labels & Nomenclature
 - Ratings system for evaluation
 - Comprised of approximately 31 verification points

	Group: Grocery L. Artigo		November 2, 2010 Source: AVI				
Ref	Best Practice	R	Comments				
	Rating: rate each best practice on a scale of 0-2.	0	Does not meet the best practice criteria				
		1	Meets somewhat the best practice criteria				
		2	Meets completely the best practice criteria				
	Structure & Balance						1
1	Does the taxonomy use a clear grouping principle	0	The Sub-groups are causing ambiguities at the IAC level. Exa				
	(e.g. intrinsic product type)?		Sub group Dairy contains IAC Frozen and Refrigerated Bread and Dough when there are a Sub-groups Frozen and Refriger		avoided?	1	Examples of those that do not conform:
			IAC Snack Cakes is in Sub-group Dry rather than in Snack.	ateu.			Dry Salad Dressing, Condiments, Oils Sub-group
2	Are the Sub-group and IAC categories sufficiently	0	Some Sub-group names are specific and clear (i.e. Beverage)	. others			
	distinct from each other, giving the user a clear		are not (i.e. Perishable and Refrigerated).				Bakery Doughnuts, Pastries, Cookies and Cakes IAC
	indication where to look for a specific content		IAC Pasta and Pizza Sauce is partially repetitive of IAC Sauce	es.			Fresh Bulk Vegetables and Herbs IAC
	item?						Dry and Refrigerated Pasta IAC
			Casitan takawa additional wanalar an				Shelf Stable Fish, Seafood and Meat IAC
3	Do IACs fit logically into Sub-groups and are they	0	See item 1 above, additional examples are IAC Granola and Breakfast Bars is found in Sub-group Snack	whereas			
	homogeneous?		IAC Cold Cereal is found in Dry.				Vinegar and Cooking Wine IAC
			Within the Snack Sub-group there are two IACs that are not mexclusive, Salty Snacks and Snack Nuts.	nutually			Heat and Eat Meals, Sides IAC
			A Refrigerated Sub-group exists yet:		/ Summary	16/22	73% conformance rating
			IAC Frozen and Refrigerated Potatoes is found in Frozen Sub IAC Dry and Refrigerated Pasta is found in Dry.	-group.	Total	26/54	48% conformance rating
	11		<u> </u>		1	.48	Between 0 and 1 - Taxonomy does not meet best practices and
							needs major work.
							Between 1.1 and 1.5 - Taxonomy needs rework, has structural and
							labeling issues that require attention.
							Between 1.6 and 2.0 - Taxonomy is healthy, needs slight
							adjustment/refresh only.

apparel 1 apparel 2 baby furniture electronics garage & hardware gifts grocery products health & beauty home jewelry kitchen lcc patio & outdoor sporting goods stationery

Category	egory Structure & Balance		Labels & N	lomenclature	Total	Group Average
	Point Summary (40 possible)	% Conformance	Point Summary (22 possible)	% Conformance	Overall % Conformance	Assessment Point
1. Apparel 1	25	63%	14	64%	63%	1.3
2. Apparel 2	22	55%	11	50%	53%	1.1
3. Baby	27	68%	15	68%	68%	1.3
4. Electronics	8	20%	14	64%	36%	0.7
5. Furniture	28	70%	16	72%	71%	1.4
5. Garage & Hardware	29	73%	10	45%	63%	1.3
7. Gifts	36	90%	15	68%	82%	1.6
8. Grocery	16	40%	11	50%	44%	0.9
9. Health & Beauty	17	42%	16	73%	53%	1.1
10. Home	19	48%	18	81%	60%	1.2
11. Jewelry	28	70%	17	77%	73%	1.5
12. Kitchen	15	38%	15	68%	48%	1.0
 Laundry, Cleaning & Closet 	18	45%	14	64%	52%	1.0
14. Patio & Outdoor Decor	19	48%	17	77%	58%	1.2
15. Sporting Goods	16	40%	5	23%	34%	0.7
16. Stationery & Office Supplies	33	83%	14	64%	76%	1.5
17. Toys	8	20%	12	55%	33%	0.7
18.						
Overall Ratings	364	54%	234	63%	57%	1.2

Approaches | SharePoint Taxonomy and Content Models



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Benefits | Harmonization of the Digital Experience

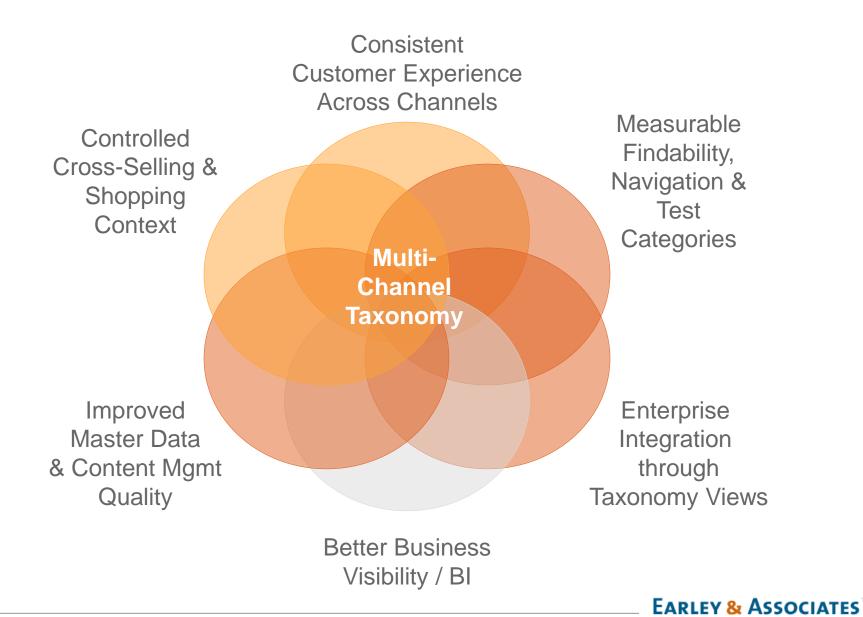
Taking your product information supply chain online:



All the shopper interacts with is information mediated by their preferences, expectations and their shopping list. Behind the scenes is a whole set of processes that must be harmonized to prepare information for the competitive online shopping experience.



Benefits | Information-Driven Retailing



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Benefits | Normalizing for Cross-Sell & Up-Sell

Customers investigate product choices based on a variety of product attributes, such as:

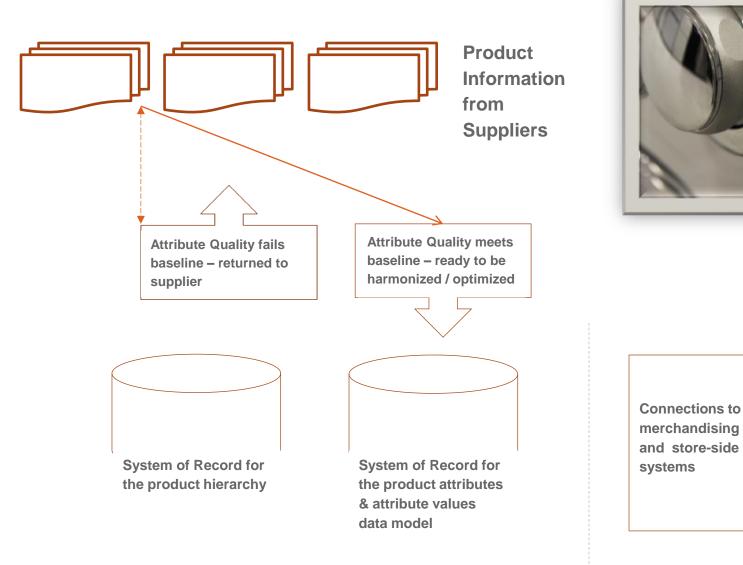
- Price
- Sustainability claims
- Country of manufacture
- Energy efficiency
- Complex content from suppliers must be repurposed for websites, catalogues and merchandising
 - Missing facts and figures, misspellings, unusual or conflicting abbreviations lead to shopper confusion or extensive data rework
 - Normalizing and improving content for the ultimate customer in a timely fashion is a major challenge
- Products and normalized attributes need to be organized in relation to each other and to product taxonomies to enable cross-sell and up-sell

Oracle PDQ DataLensBuilding

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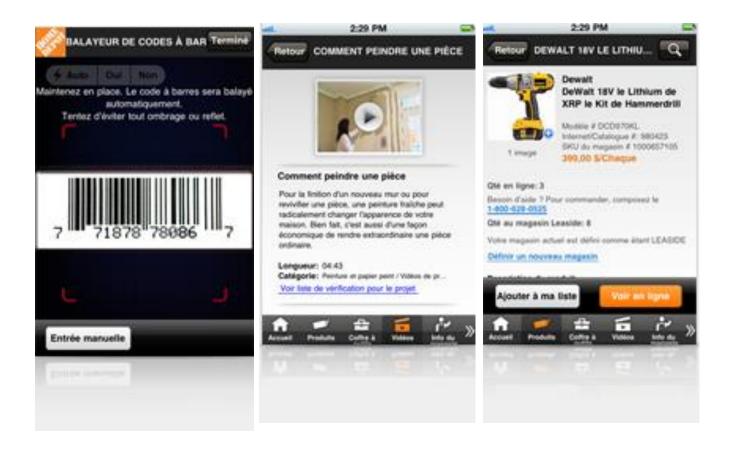
Benefits | Improved Product Data Quality



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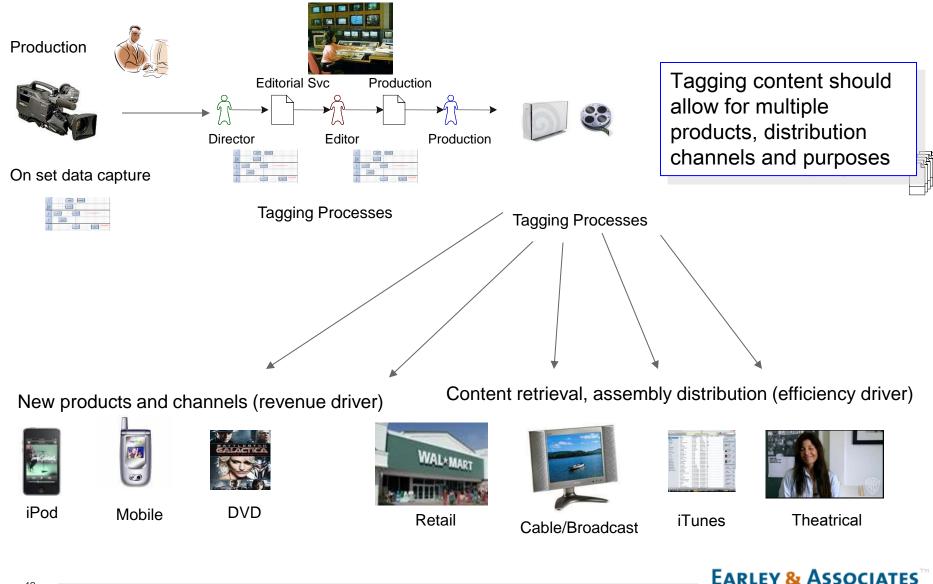
Benefits | Improved Cross Channel Experience



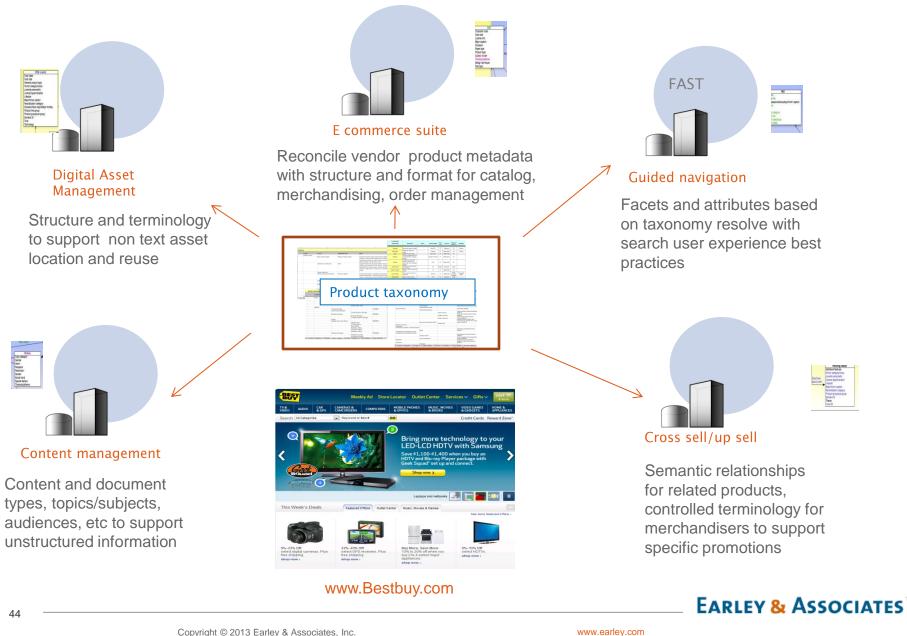
Home Depot's Barcode Scanner, Product Catalog Browse & Search, Store Inventory Availability, Store Locator, Interactive Toolbox, Project & Product Videos, eFlyer**, My List and Recent Search List – *en Francais*



Benefits | Asset, Exploitation, Monetization and Reuse

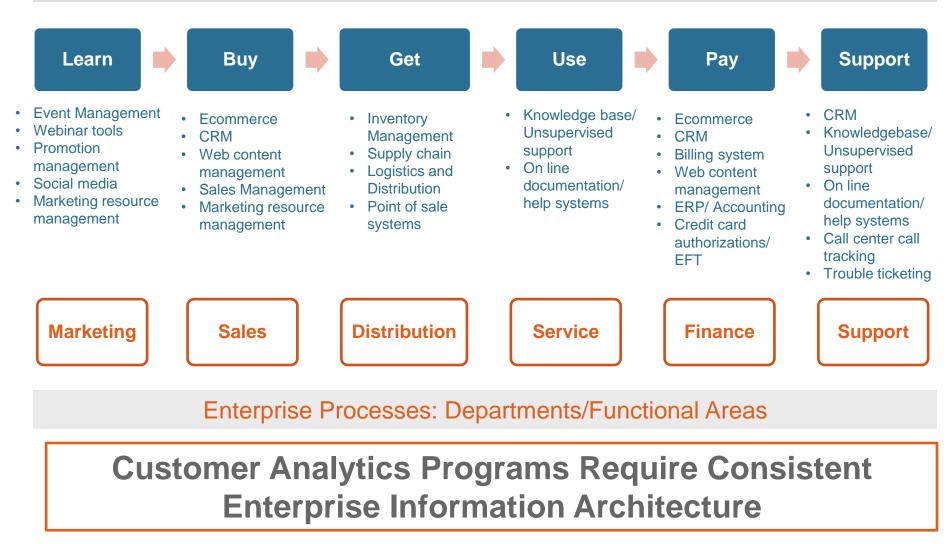


Benefits | Better Integrated, Agile, Lower Cost Digital Ecosystems



Benefits | Measuring Customer Experience and Enterprise Processes





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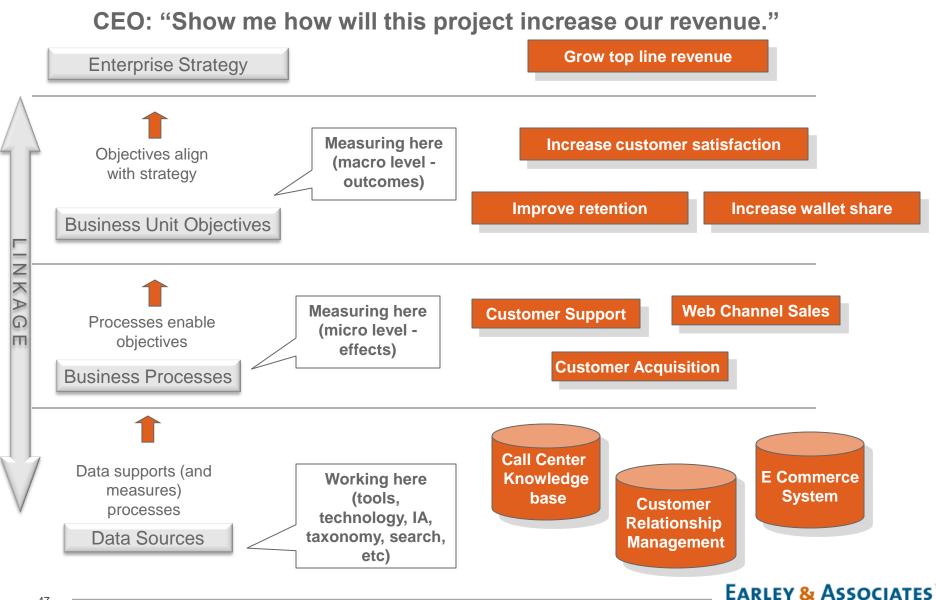
What is the difference between a data architect, a taxonomist and an information architect?

- Data architects are concerned with *structured* data and technical aspects of applications and database design
- Taxonomists are concerned with *unstructured* content semantics and the meaning of terms
- Information architects consider how structured data elements, unstructured content meaning and user intent combine to form the user experience

An integrated approach is required in order to leverage the strengths of each of these areas. Focusing on one without understanding the impact on the others will be suboptimal

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Alignment | Enterprise Strategy with Enterprise Information Architecture



Another Poll

What do you see as the benefits of enterprise information architecture to your organization? (select all that apply)

- □ Improved search and findability
- Better business intelligence
- □ More effective application inter-operability
- Greater innovation and agility



The Role of Enterprise Information Architecture in Content Engineering

June 5, 2013

Agenda

- The Marketing Imperative
 - 1 to 1 relationships
 - Greater accountability
 - The technology landscape
- The Content Challenge
 - Why now
- Content Engineering
 - The geeky underbelly of Enterprise IA
- An Example from the Trenches



About Kanban

- Kanban is a boutique technology consultancy focused on the integration and optimization of content-centric and marketing technologies.
- Founded in 2006
- HQ in NYC
- Serving
 - Consumer electronics
 - Manufacturing
 - Telecom
 - Higher education
 - Retail
 - Media & publishing





Philip Wisniewski, EVP, Client Development

- Nearly 20 years of content-centric technology experience working with Marketing, IT, LoB, Customer Service and KM specialists and stakeholders.
- Involved with award-winning projects across a diverse set of disciplines:
 - Global intranets
 - eCommerce
 - Web content management
 - Enterprise document management
 - Customer service applications
 - Content marketing
 - Marketing technology optimization/integration
- At Kanban, Philip applies a mix of strategy, client development, and service delivery, to identify and foster value-based client relationships and deliver business impact through content-centric technology initiatives.





Marketing



"Lifelong, one-to-one relationships in real time with every person in the world." Marc Pritchard: global marketing and brand building officer, P&G

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Massive media fragmentation dilutes the value of each touch point.



Content is the new marketing currency.











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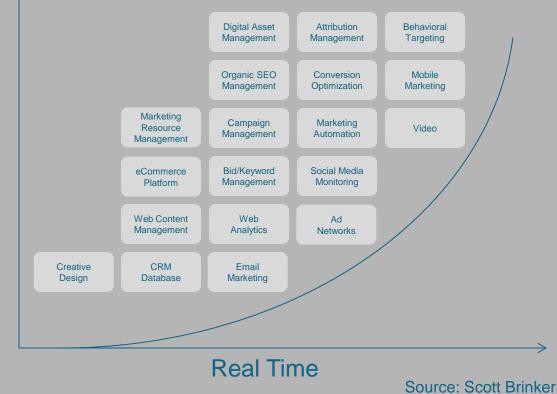
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Number of Decisions

31% of marketing organization now have a marketing technologists on staff. Source: Gartner 2012

BORE



Visionaries Content = Currency Lack key skills

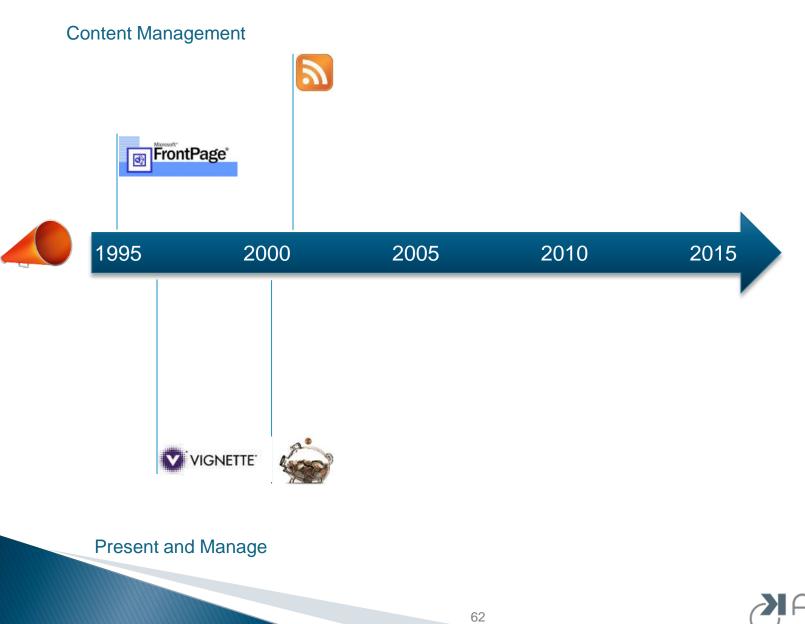
They need you!



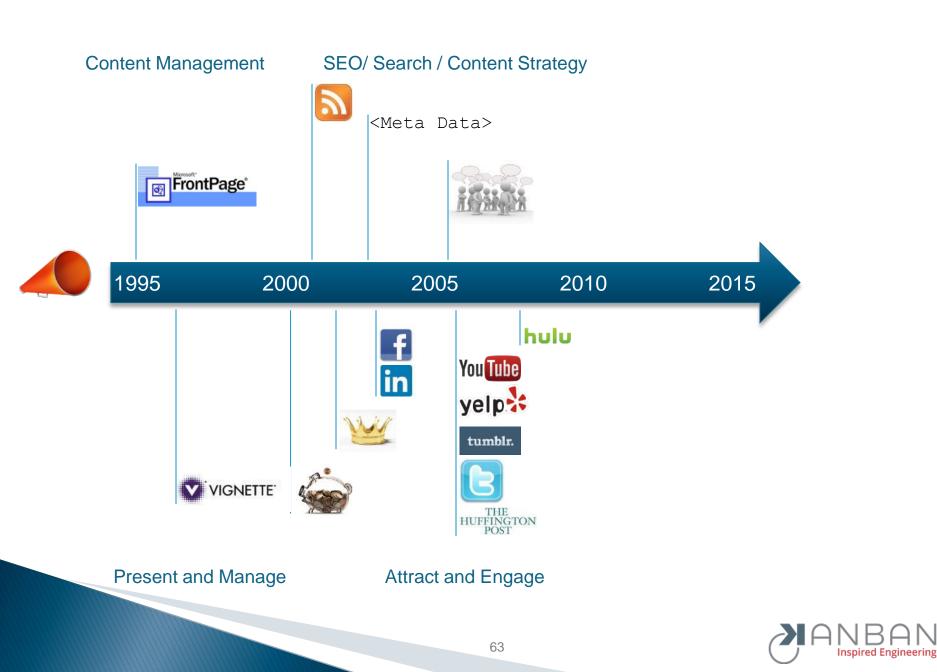


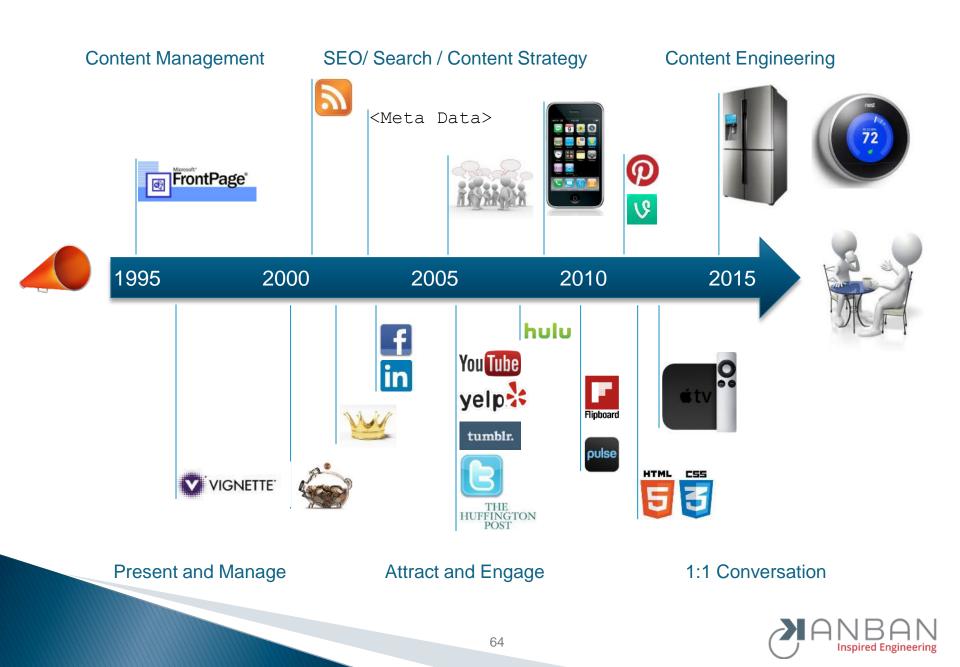




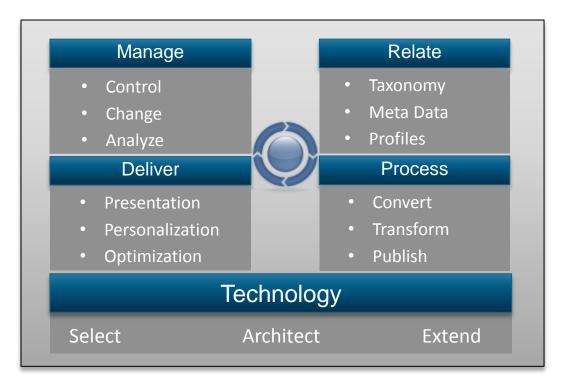


Inspired Engineering





What is content engineering?



Content Engineering requires a consistent view of data across applications, devices, systems, processes, and people



An Example from the Trenches





The Challenge

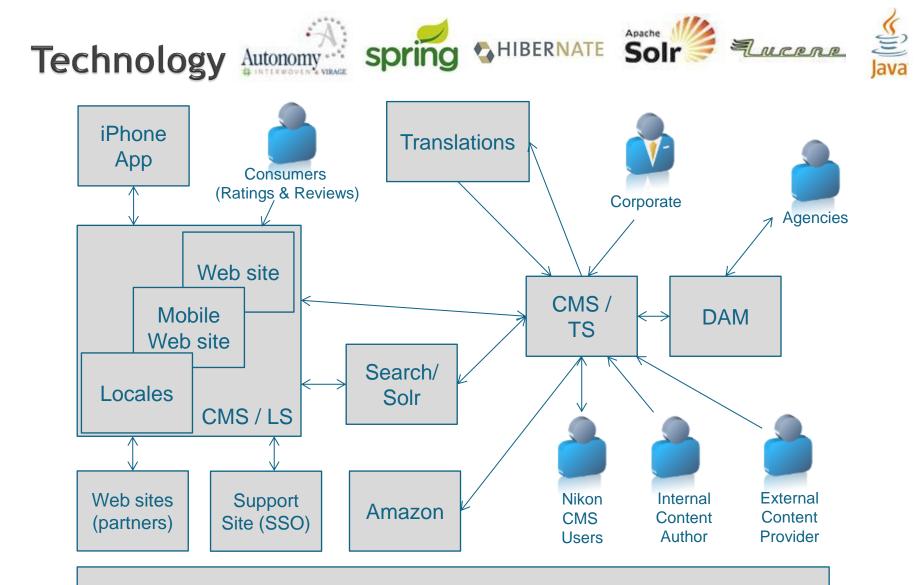




Complicating Factors

- External content sources and partners
- Multiple content outlets and platforms
- Legacy CMS & DAM
- Content had to be findable
- Experience had to be visually driven
- Required common vocabularies, consistent cross system metadata and an integration framework to allow multiple systems to communicate with one another

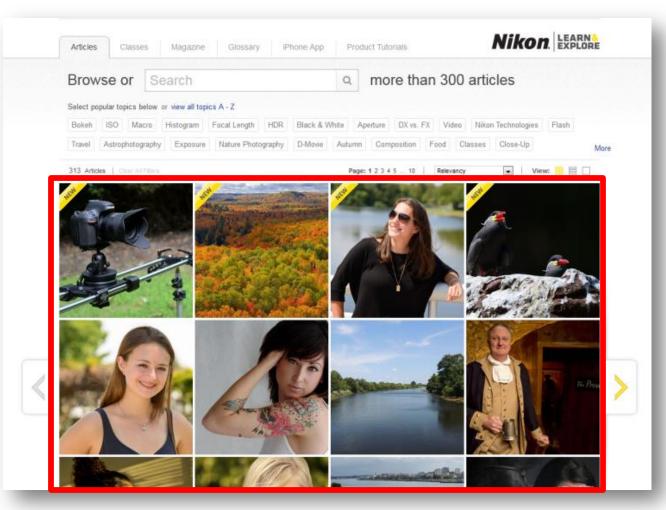




Common Information Framework



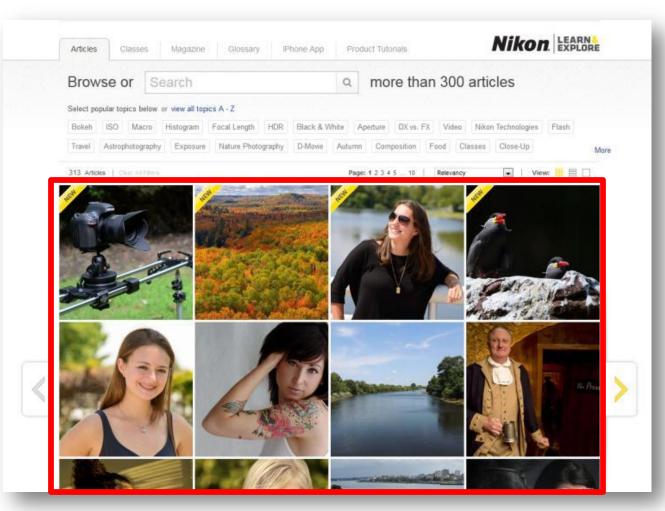
The Solution - Rich Experience



"We really wanted to do something different with the experience of interacting and exploring deep, branded content..." David Dentry Sr. General Manager Customer Experience Nikon Inc.



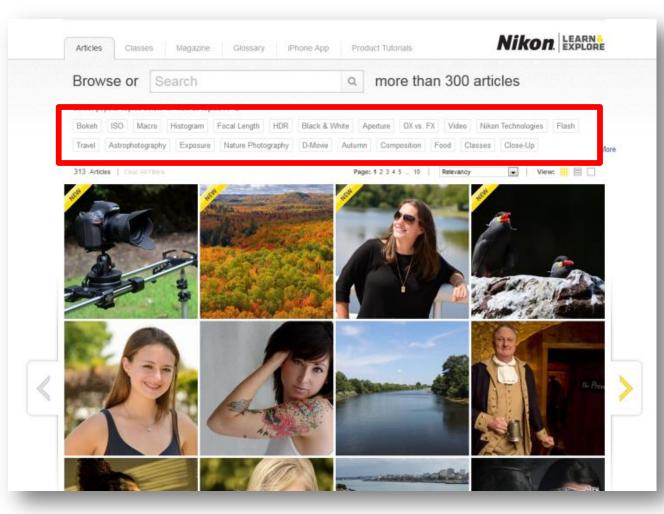
The Solution - Specialized Delivery



- Specialized file cache mechanism speeds page rendering
- Custom deployment process speed performance when syndicating content across servers
- Use of HTML 5 History API to generate SEOoptimized content
- This also allows search engines to serve up prefiltered results based on the search engine query.



The Solution - Navigation and Filtering



- SEO and business derived queries
- Multi-language syntax-aware query processing
- "MLT" queries within Apache Solr processed content relationships
- Right-sized presentation of results with truncating techniques



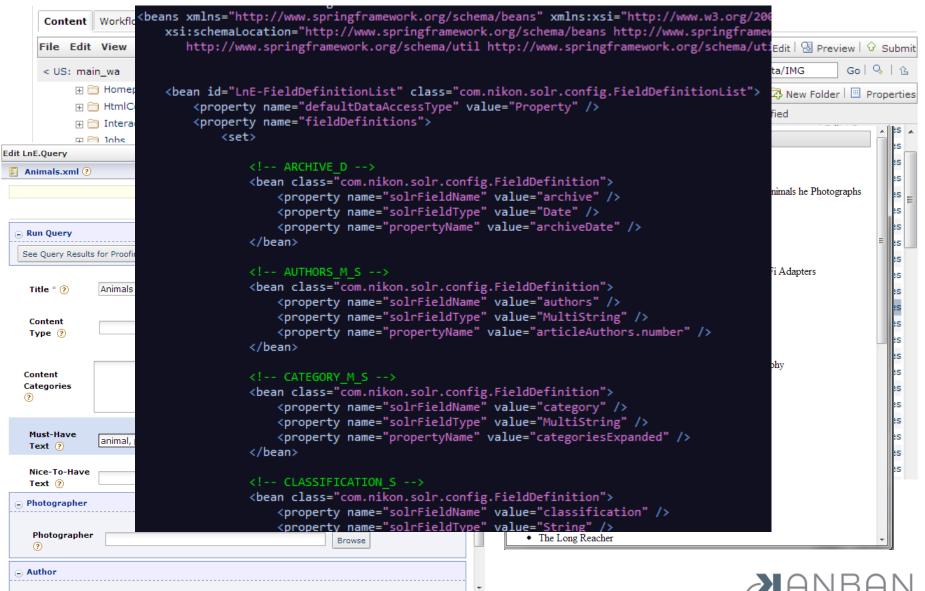
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		Studio\n\n\nJody Dole is a Nikon Legend Behind the Lens. Sticks. Stones. Shells. Bor	to the second
Title * 🕐	Animals	a client hires him to photograph. All end up in Jody Dole s viewfinder. His commercial	es de la companya de
		commercials. Jody s personal work, which is often used in self-promotion material, ste	
		that launched his career. An art school graduate working in advertising and film produ	
Content		rented a barn in Amagansett, Long Island, and photographed every day for nearly eight	es de la companya de
Type 🕐		hand-painted backgrounds and used ScotchChrome 1000, a grainy film that he pushed four	mber" />
		the 1989 edition of Graphis Annual. American Photography Annual gave him ten pages. Ar	ts in the second s
		distiller s vodka and said, \"Why don t you experiment and see what you can come up wi	
		like to repeat himself. He s constantly experimenting, not only with new subjects but	bhy
Content		manipulation. For instance, Jody was into digital photography before there were digita	is is
Categories		to apply imagination and make changes. When Nikon introduced its first digital SLR, th	
(?)		of my career, \" Jody says, \"has been a client saying, Here, take this bowling ball a	e de la companya de l
0		way of picturing them, that made them appealing.\" It s this challenge to his skill ar	ts is a second se
		City, where he had a home and a studio for 19 years, to a town on the coast of Connect	
		harbor, the boats There s a certain level of purity in New England design that I m	
Must-Have	animal,	or fixing a shutter, there s a certain art to the way people do things here. " His red	ed" />
Text 🕐	animai,	the boat. But Jody s curiosity led him to read about boats, study boats and learn about	
		work right away, " Jody says. Then boat manufacturers started seeing his photos on the	en e
Nice-To-Have		a manufacturer.\"\nUltimately, the subject doesn t matter. \"I never limit myself-I m	25
		do here. \"Maybe the subject has a fascinating design or a great shape, great color or the subject s beauty is at first entirely in the eye of the beholder, imagined in a pl	
Text 🕐		tumbleweedin a studioagainst a white seamless background? \"That s a story, that	
Photographer		great to photograph, but not out here. I wanted to get it back to New York. \"I called	
Photographer		it over. I was a little embarrassed, but I brought it in, and the guy there laughed,	15
		high north desert past Flagstaff, and we picked up other stuff I thought I could use f	
Dhataaaal		time, and I brought out these bones, rocks and clumps of dirt and grass that I wanted	
Photographer		time, and I brought out these bones, rocks and clumps of dirt and grass that I wanted — tumbleweed to New York. \" To see more of Jody s work visit his website. Jody Dole ha	-
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The Solution - Article Layout



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A three-stop HDR bracket with a one-stop differential. I set aperture priority and let the shutter speed handle the change for the bracket to get a great range of tones, from the white of the boats to the deep colors of the sunsel. D800, AF-S NIKKOR 70-200mm t/2.8G ED VR II.

Single Column Layout with Image Carousel



D7000, AF-S DX Micro-NIKKOR 40mm fi2.8G lens, Manual exposure, 1/125 second at 95, Auto ISO (1000), AF-C, Matrix meter

Two Column Layout with Pull Quote

- Editorial-inspired content authoring of diverse content types (despite legacy system limitations)
- Authoring focused on content componentization, reuse and tagging.
- Embedded watermark for digital rights management
- Multiple layout combinations allow for creativity without sacrificing usability or brand experience



Flexibility and Control

Body Row - 8

17

"

Establishing, medium distance and close-up still-image storytelling from our Workshop columnist, Michael Clark. If Michael had been shooting video instead of stills, would he have kept shooting as he circled around and moved in?



changes, our response changes—and we made it change simply with light. We're talking about color psychology and the way humans respond to light; the warmer the light, the warmer the feeling."



© Moose Paterson D3X, PC-E NKKOR 24mm 93.6D ED, 1/10 second, 922, ISO 100, apr Matrix meterics Then comes the challenge: to take that initial reaction and turn it into an image that grabs the attention of others. How we deal with light will deter-

Moose believes that when people really begin to think about light and how to use it in their images, their photography changes, and the emotional reaction people have to their photography changes, too.

Even the way they expose their images will change. Many people base their exposures on the histogram—the graph of the tones in a photograph—but to Moose's way of thinking there's something more important than the histogram's judgment of a "correct" exposure. "People primarily have an emotional reaction to a photograph," he says, "and to me exposure equals emotion. I expose based on the emotional response [mf feeling as I take the photograph; It's that emotion I want to deliver to the viewer."



 Rich Text
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 Image
 Video

 Video
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 Audio
 Quote

 Bullet Box
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or those of us more likely shooting outdoors, there's this example: "I'm otographing a bison in the snow. If I want him to look as cold as he was hen I took the photo, I'll change the camera's white balance to the ider side—B1 or B2 [B for a blue tone to the light]. If I want him to look warm and fuzzy, I'll set the white balance to A3 or even A4 [A for an amber tone to the light].

Full HD 1080p video at 50/60i and 24/25/30

- · Built-in two-shot HDR capability.
- 3.2-inch ultra-high-resolution 1,229K-dot LCD monitor.
- Exposure compensation in +/-5 EV in increments of 1/3 or 1/2 EV.
- · Exposure bracketing in 1/3, 1/2, 2/3, 1, 2, or 3 EV stops.
- · Shutter speeds of 1/8000 second to 30 seconds in 1/3 or 1/2 EV, plus bulb.
- · Scene modes include candlelight, child, close-up, dusk/dawn, landscape, night landscape, night portrait, pet portrait, sports and sunset.
- · Picture controls include monochrome, vivid, neutral, portrait, plus customizable settings.
- · Dust-reduction image sensor cleaning system.
- Durable magnesium alloy body with moisture and dust resistance.

I expose based on the emotional response I'm feeling as I take the photograph; it's that emotion I want to deliver to the viewer



Lessons Learned

Without a core information architecture, a solution like this would not be possible.

Technology integration and how content is managed, related, processed and delivered through these systems and tools is critical.

Controlled vocabularies and meta-data models will keep both authors and audiences happier.

Extreme flexibility is not always your friend – controls must be in place to prevent maintain efficiency and effectiveness.



Thank you!







Wrap up and Questions

www.earley.com

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Please fill out the survey that should be in your inbox.

Let us know what topics you are interested in and how we can improve the series. Email your suggestions to <u>sharon@earley.com</u>

To learn more about Earley & Associates' services contact Chris Kelly at chris.kelly@earley.com.

Thank You



www.earlev.com

Contact

Seth Earley

CEO

EARLEY & ASSOCIATES, Inc.

Cell: 781-820-8080 Email: <u>seth@earley.com</u> Web: <u>www.earley.com</u>

Follow me on twitter: @sethearley Connect with me on LinkedIn: www.linkedin.com/in/sethearley

Philip Wisniewski

EVP, Client Development

Kanban Solutions

Email: philip.wisniewski@kanbansolutions.com Web: www.kanbansolutions.com

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