Bibliography for Boston KMForum, Managing Unstructured vs. Structured Information

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Europe's semantic web projects start to mesh. 3p. eMediaWire 05/23/2004
http://www.emediawire.com/releases/2004/5/emw128102.htm
"Europe, USA, Australia and Japan attended the 1st European Semantic Web Symposium (ESWS 2004) on 10-12 May in Heraklion, Crete (http://www.esws2004.org) Among the observations by participants: Dr. John Davies, the SEKT project director said: "The World Wide Web today is full of unstructured text. That.s fine for people, but useless for computers."

Bassett, Gib. *Searching Without Boundaries: The BI and Enterprise Search Paradox*. 2p. DM Review 09/24/2004.
http://www.dmreview.com/editorial/newsletter_article.cfm?nl=dmdirect&articleId=1010525&issue=20076

Merrill Lynch estimates that more than 85 percent of all business information exists in unstructured data, which is unaccounted for in the typical decision support systems used by knowledge workers.

Fallows, James. *At I.B.M., That Google Thing Is So Yesterday*. 2p. NY Times 12/26/2004
http://www.nytimes.com/2004/12/26/business/yourmoney/26techno.html?oref=login&th
"Two weeks before our meeting, I.B.M. released OmniFind, the first program to take advantage of its new strategy for solving search problems. This approach, which it calls unstructured information management architecture, or UIMA, will, according to I.B.M., lead to a third generation in the ability to retrieve computerized data."

Gingrande, Arthur. *Processing Unstructured Forms on the Fly* 2p. KMWorld 02/01/2003.
http://www.kmworld.com/publications/magazine/index.cfm?action=readarticle&Article_ID=1433&Publication_ID=84
Candidates for early adoption are: invoices, medical claims, explanations of forms, and transportation documents (e.g. shipping)

Grimes, Seth. *The Word on Text Mining; Text analytics provide concept discovery, automated classification, and innovative displays for volumes of unstructured documents*. 3p. Intelligent Enterprise 12/10/2003.
http://www.intelligententerprise.com/031210/619decision1_1.shtml

Lamont, Judith. *Search Plus: Far-reaching and Versatile in the Enterprise* 3p. KMWorld, v. 12, i.7 07/01/2003.
http://www.kmworld.com/publications/magazine/index.cfm?action=readarticle&article_id=1560&publication_id=1
The push to increase interoperability of search across multiple data respositories is finding universal support for use of XML tagging as a unifying data formating solution. Composite application solutions are becoming popular with distributed searching high on the list. Susan Feldman of IDC predicts the merger of content infrastructures into technologies that support structured and unstructured content, search, format conversion, security and categorization, and text mining. Enabling technologies will be XML, WSDL, UDDI, and SOAP.

McComb, Dave. ***The Enterprise Ontology***. SemanticArts 01/01/2003
http://www.semanticarts.com/DesktopModules/ViewArticle.aspx?ArticleID=957&mid=3455
> *Two other related and excellent articles: The Return on Investment for Architecture*
> http://www.semanticarts.com/DesktopModules/ViewArticle.aspx?ArticleID=954&mid=3455
> *The CIO's Guide to Semantics*
> *http://www.semanticarts.com/DesktopModules/ViewArticle.aspx?ArticleID=936&mid=3455* "

Pyle, Dorian. ***Making the Case*** 2p. <u>DB2 Magazine</u> 12/01/2003
http://www.db2mag.com/story/showArticle.jhtml?articleID=15300105

> Article focus: The Data-Based Knowledge Value Chain. "Data mining, in a business environment, is a business practice. That is to say, data mining practitioners who follow a set of established practices execute a business process. The data mining business process drives value up the data-based knowledge value chain (see Figure 1).
>
> In a data-based knowledge value chain, data (an unsummarized record of selected events) is first identified or created. Information is data that is summarized and structured for a specific purpose. This structured information identifies specific events that happened within certain specified contexts. Knowledge, a framework structured from information, specifies that for a given event within a context, one or several optional actions are possible; each option leads with some degree of confidence to particular outcomes. Execution occurs when managers actually select an option and execute it to affect outcomes in the world."