

ITI's Enterprise Search Center Working Taxonomy
ESCenter: Topic Center Definitions & Scope Notes at Beta Launch (5/2006)

Draft: 5/14/06

ESCenter Categories	Working Definition	Keywords & Descriptors	Notes
Classification & Taxonomies	<p>Systems, methods, and solutions for providing context to unstructured information collections so that search can be made more precise.</p> <p>Services and systems that support the building of taxonomies.</p> <p>Solutions that apply taxonomies automatically to a collection of information in order to support search, discovery, and retrieval.</p>	<p>Classification; Taxonomy; Taxonomies; Taxonomy building</p>	<p>For categorization, see, Tagging & Metadata, and Entity Extraction and other Automated Processes</p> <p>See also "Tagging and Metadata."</p>

Content Management & Search Technology	<p>CM systems/solutions/methods that include search as a feature/functionality.</p> <p>Search features and modules that enhance existing systems or platforms, including other search platforms</p> <p>Search technologies designed to handle specific content types</p> <p>Search technology to support searching multiple content types simultaneously</p> <p>Also includes search technology, in general</p>	<p>Content Management; CM Solutions with integrated search; CM systems for Web content; Search integration; Search & Retrieval Platform; Case Studies: CM & search in practice; e-mail search; graphics search; Federated search; Enterprise Search; Search tool; Site Search; Desktop Search;</p>	<p>See also: Systems and Information Architecture</p>
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Entity Extraction & Other Automatic Processes	<p>Means, methods, providers of tools for automatically extracting data from structured or unstructured content collections.</p> <p>Methods, tools, and solutions for automatically analyzing and structuring content collections for better search.</p> <p>Automatic means of filtering or extracting particular content elements for display.</p> <p>Tools for automatically filtering results.</p> <p>Other topics covered include: text- and data-mining.</p>	<p>Text mining; Entity extraction; Key entities; Automatic indexing; Automatic tagging; Automatic classification; Phrase extraction; Overlap identification; Overlap detection; Cross tabulation Filtering (unstructured content collections); Data extraction; Data mining; Creating structure from unstructured; RDB Tables (extraction to rational database] Text import Extraction runs Fact extraction (see also Taxonomy) Categorization; Automatic categorization; Analytics (see analytics); OCR (Optical Character Recognition); Spidering</p> <p>(Not “automatic” content delivery as a result of a search).</p>	See also: Faceted Navigation and Search

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Faceted Navigation & Search	<p>Methods, tools and solutions for creating or facilitating search by using bits and pieces of information (facets) that together will provide the result.</p> <p>Methods, tools and solutions that allow or support the assignment of multiple classifications (facets) to an object in order to allow searching and browsing by facet.</p> <p>Category also includes: Products that include faceted search and navigation capabilities.</p>	Facet-level ; Facet-boosting; Facet creation; Facet launching; Dynamic categorization; Search by facet;	

Project and System Management	<p>Issues, tools, techniques, methods and solutions for helping IT managers manage processes and projects related to search.</p> <p>Applications and systems that include features or functionalities for improving search system performance in IT shops.</p> <p>Also includes: Key management issues, such as security, digital rights management, reporting, diagnostics; and Key management challenges, such as e-mail management, dealing with multiple languages or languages other than English; graphic and other media objects; etc.</p> <p>Vendors that provide solutions that address key management issues and challenges.</p> <p>Also includes articles that are written from an IT manager's point of view (discussing management issues)</p>	Examples of successful implementations; Case Studies on IA; DRM (Digital Rights Management); ROI (Return on Investment); Problem resolution; Causes and solutions; Reporting capabilities; System performance issue identification; Service management software; Operational diagnostics; Specific types of content management, e.g., e-mail; Security monitoring; Security systems; Regulatory compliance;	
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Results Display & Visualization	<p>Methods, tools, techniques and solutions for rendering the display of search results.</p> <p>Examples of systems or solutions that perform various types of results displays.</p> <p>Result displays that include visualization or other techniques to group, arrange, rank, or present answers in the form of document references and/or data displays that together attempt to answer the user's question.</p> <p>Also includes: Other visualization techniques that apply to CM and search applications.</p>	<p>Results Visualization; Results in graphic or tabular form. (charts); Disambiguation of search results prior to display; KWIC-term highlighting (highlighting keywords in context in answer sets, but not KWIC indexing); Filtering (of answers prior to display, but not filtering for taxonomy building); Results ranking; Results clustering; Results categorization; User-defined answer displays;</p>	
Search Analytics	<p>Systems, solutions, applications and methods that support the generation of metrics to help manage or improve search results.</p> <p>Systems, solutions, applications that support measurement of the search algorithms, metadata, taxonomy, and functions to determine which tools are returning accurate results.</p> <p>Other applications or solutions that supply metrics or analytics to support decision-making in building effective search systems.</p>	<p>Analysis (unstructured data); Content analysis; Metrics for analytics; Search analytics; Usage analytics; Text analytics; Web analytics; Sentiment analysis; Speech analytics; Online analytical processing; Inline analytics</p>	

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Systems & Information Architecture	<p>Systems that perform one or more of the functions required to support information storage, search & discovery, and use.</p> <p>Methods, means and techniques for constructing systems in such a way that they are useable by operators.</p> <p>Methods, means, or methods to make search and navigation more usable to end-users.</p> <p>News and views about “Information Architecture” as a professional discipline (community of practice that promotes good design for usability).</p> <p>News about applications that include usability features, functionalities, or capabilities or that emphasize usability benefits.</p>	<p>Architectural pattern; HTML; User Interface; Web Services (layer); UIMA (Unstructured Information Management Architecture); Middle ware; Standards (WC3, Z-3950) Standards-compliant applications; SOAP;</p> <p>Applications that connect to other applications.</p> <p>Use of search/user studies</p> <p>Full systems that provide a variety of features/functionali ties in other subject categories.</p>	

Tagging & Metadata	<p>Methods, applications, systems and means of applying metadata tags to items in a repository of structured or unstructured information in order to facilitate their retrieval from a search.</p> <p>General articles about metadata, “data that is used to describe other data.”</p> <p>Systems or solutions that feature metadata capture or search capabilities and features.</p> <p>Tagging systems including user tagging.</p>	<p>Tagging; Metadata; Meta-tags; Systems that search the metadata associated with unstructured collections); User tagging; Management of metadata; Metadata schema, look-up tables, indexes, view and column definitions and data terms.</p>	See also Taxonomies
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Tools for Discovery	85 Formerly: Alternative Discovery Techniques & Emerging Technologies	Describes methods, applications and techniques for helping users discover information without searching for it themselves. Also includes methods, means, or solutions for deriving a search query or otherwise displaying results from the context of something the user is doing or has done. Category also includes: content collections that include a search and discovery component—usually related to a particular type of content type (patents, document collections, financial data, scientific information, etc.)	RSS; Syndication; Bots and intelligent agents; Other techniques that automatically deliver search results to the user's workspace. Self-contained content collections with search features built-in. Automatic delivery of search results; Contextual Search;	

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