

ARTAXONOMY

Enhance Oracle
Secure Enterprise
Search results
with
AR.Taxonomy

The screenshot shows the Oracle Secure Enterprise Search interface. At the top, the Oracle logo is on the left, and a search bar contains the word 'burundi'. To the right of the search bar are buttons for 'Search', 'Advanced Search', and 'Browse'. Below the search bar, it says 'Results 1 - 5 of about 5 matches for burundi.' On the left side, there is a 'Filter Results By' sidebar with a tree view. The tree is expanded to show 'financial (56)', which includes sub-categories like 'asset types (17)', 'foreign exchange (15)', 'commodities (5)', 'agricultural commodities (5)', 'grains (5)', 'markets and exchanges (16)', 'financial intermediaries (3)', 'miscellaneous (37)', 'asset types (25)', 'foods (22)', 'and fibers (22)', 'financial intermediaries (13)', 'markets and exchanges (21)', 'regulations and regulating bodies (3)', 'tools (6)', 'and techniques (6)', 'uncategorized financial (3)', 'financial crimes (4)', 'analysis benchmarks (5)', and 'miscellaneous (40)'. At the bottom of the sidebar is a 'KeyOutputAreas (100)' link and a 'Remove filter' button. The main content area displays five search results, each with a title, a brief description, and a URL. The results are: 1. 'Press Release: IMF and World Bank Support Burundi's Completion Point under the Enhanced HIPC' with URL 'www.imf.org/external/np/sec/pr/2009/pr0918.htm - 15 Kb - Cached Links'. 2. 'Press Release: IMF Approves US\$75.6 Million PRGF Arrangement for Burundi' with URL 'www.imf.org/external/np/sec/pr/2008/pr08167.htm - 15 Kb - Cached Links'. 3. 'Press Release: Statement by an IMF Mission to Burundi' with URL 'www.imf.org/external/np/sec/pr/2008/pr08281.htm - 12 Kb - Cached Links'. 4. 'Public Information Notice: IMF Executive Board Concludes 2008 Article IV Consultation with Burundi' with URL 'www.imf.org/external/np/sec/pn/2008/pn0890.htm - 25 Kb - Cached Links'. 5. 'IMF Survey: Burundi's Debt Relief Savings to Go to Food, Health, Schools' with URL 'www.imf.org/external/pubs/ft/survey/so/2009/CAR020509A.htm - 16 Kb - Cached Links'. Below the results is a 'Similar Documents' link. At the bottom of the screenshot, there is another search bar with 'burundi' and a 'Search' button.

Advanced Classification for SES

AR.Taxonomy from Applied Relevance enhances the built-in clustering feature of Oracle Secure Enterprise Search to provide complete control over document categorization.

AR.Taxonomy is the result of over fifteen years of real-world experience using automated classification tools. The lesson we learned: humans are much more effective at categorizing documents than any computer algorithm. We just need the right tools to do the job.

Oracle Integration

Enterprise search is an intrinsic part of any organization's taxonomy project. AR.Taxonomy is integrated with **Oracle Secure Enterprise Search** and several other enterprise search platforms, with more on the way.

AR.Taxonomy enhances the built-in clustering capability of SES. Along with clustering by topics extracted from text, you can now add rule-based categories to your documents. This powerful feature gives you complete control of how documents are organized.

No Cluster Headaches

Oracle SES has an excellent function built-in called **clustering**. This feature helps users find what they are looking for by showing at a glance how many documents are categorized by a given topic.

AR.Taxonomy adds even more power by giving you control over how the categories are created. If your existing documents do not already contain categories — no problem! AR.Taxonomy adds categories to documents based on taxonomy rules - rules that you control.



The Categorization Machine

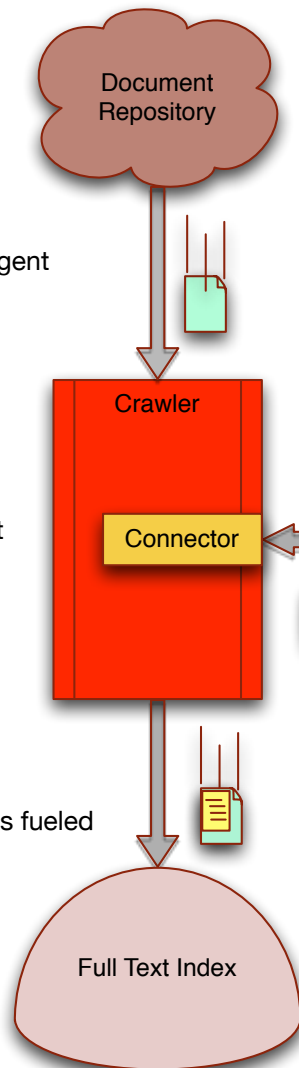
Mind Powered

If you already have a taxonomy, AR.Taxonomy can import it. If you need a new taxonomy, you can build your own from scratch, or you can tap into the power of professionally curated taxonomies from our partner **Wand, Inc.** You can use them as-is, or tweak them for your particular needs using our intelligent classification tools.

Automated classification gets better every year. However, computer scientists been five years away from true artificial intelligence for the past 60 years. We're 5 years away right now. In the mean time, we need power tools that can enhance what humans are good at and by harnessing what computers are good at.

Inference Engine

The AR.Taxonomy rules engine is fueled by the powerful Lucene search library. You can use proximity queries, wild cards, stemming, field restrictions and other advanced search techniques in your node rules. See them executed in real-time and tweak them to get the results you expect. No more guessing!



AR.Taxonomy Features

- Fast rules-based taxonomy engine
- Adds taxonomy metadata to any document
- Build a taxonomy for scratch, or import from a variety of sources.
- Support for the extensive Wand taxonomy library
- Completely deterministic categorization engine*

Enterprise Scalability

AR.Taxonomy can handle thousands of nodes and millions of documents. It uses the proven Lucene search library for speed and accuracy. AR.TxServer uses a Service Oriented Architecture (SOA) which is easy to call from any modern programming environment, including Oracle Document Services. It is easy to install and configure. It uses the standard Oracle SES service manager and indexing pipeline.

Import and Export

Import taxonomy data from a variety of formats, including RDF/SKOS, OWL, Autonomy IDOL, Verity .tax and .otl, CSV and XML. Export taxonomy data to SKOS and XML.

Since 1996, **Applied Relevance experts** have implemented some of the most complex enterprise search and taxonomy applications in the industry. Our solutions can be found in many Fortune 500 companies and public sector organizations:

- International Monetary Fund
- Avaya
- The United Nations
- Government of Canada
- Jane's Information Group
- Condé Nast
- The Coca Cola Company

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Enterprise Taxonomy Experts