



## Parametric Selection

Parametric selection is a powerful way of viewing relationships within information sets such as document repositories or databases. By using “parameters” to categorize documents a person can quickly isolate information that shares important common characteristics. Verity implements this feature through a Parametric Index. Navigation through Parametric Indexes is done through interfaces with an intuitive drill down look. This allows speedy traversal of data using the in-memory Parametric Indexes. Experimentation and exploration of the data is facilitated in this manner.

Raritan Technologies has developed solutions to enhance Verity Parametric Index technology in two main areas:

- Tools for simplifying and facilitating the development of taxonomies
- A set of JSP tag libraries, which enables the rapid development of Parametric Index applications.

Tools for “taxonomy mining” allows for the extraction of taxonomies by scraping an entire web site. “Taxonomy mining” provides a quick way to quickly create a base taxonomy, which can then be augmented by subject matter experts.

Various XML/XSL tools facilitate the conversion of the vast wealth of taxonomy information extracted from the Internet into Verity compatible formats. This allows this information to be quickly inserted into a Parametric Index application using standard Verity tools such as Verity Intelligent Classifier, Profiler and Knowledge Tree Manager.

Using our set of JSP tag libraries a UI can be created for this Parametric Index in a very short time by writing HTML pages that are free of embedded Java. This also allows ease of maintenance and re-use.

## About Raritan Technologies:

**Raritan Technologies** is a full service consulting company specializing in search applications. We provide development, custom software and database solutions. We can provide custom solutions using industry standard software, whether you are a Fortune 500 company or a small independent organization.

The services we provide have many different titles - application development, web development, IT consulting, B2B development. Our specialty is the development of browser based user interfaces to very large and diverse document databases. We are experts in the **Verity** product line, including Federated Technology, Collection and Application Tuning and Development, Taxonomy Integration and Parametric Technology. We also work with document storage technology, including Documentum, Oracle and other relational databases.



Drug information arranged by Disease and Geographic Taxonomies.

Welcome to PharmaApp Demo - Microsoft Internet Explorer

Address: <http://192.168.1.25:9090/PharmaApp/PharmaApp.jsp?URL=&Query=+&GeoLocation=&Disease=Otorhinolaryngologic+Diseases%2F>

**Raritan Technologies**  
NEW CURRENTS IN SOFTWARE

Search for:  by Verity

**Browse**

Disease/Otorhinolaryngologic Diseases

- Ear Diseases/ (9)
- Hearing Disorders/ (6)
- Laryngeal Diseases (1)
- Otorhinolaryngologic Neoplasms/ (1)
- Pharyngeal Diseases/ (2)
- Pharyngeal Neoplasms (1)

Location/

- Geographic Locations/ (90)
- Africa/ (19), Americas/ (13),...

**Selection**

Show All

10 Matches Found --

Sort results by:	
1	<a href="http://www.who.int/pcs/emerg_site/edc/global_edc_TOC.htm">http://www.who.int/pcs/emerg_site/edc/global_edc_TOC.htm</a>
2	<a href="http://www.cdc.gov/nchstp/od/gap/countries/zambia.htm">http://www.cdc.gov/nchstp/od/gap/countries/zambia.htm</a>

Drill Down on Geographic Location and watch the results adjust as you navigate.

Welcome to PharmaApp Demo - Microsoft Internet Explorer

Address: <http://192.168.1.25:9090/PharmaApp/PharmaApp.jsp?URL=&Query=+&GeoLocation=Geographic+Locations%2F&Disease=Otorhinolaryn>

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Disease/Otorhinolaryngologic Diseases

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- Otorhinolaryngologic Neoplasms/ (1)
- Pharyngeal Diseases/ (2)
- Pharyngeal Neoplasms (1)

Location/Geographic Locations

- Africa/ (19)
- Africa South of the Sahara/ (17),...
- Americas/ (13)
- Caribbean Region/ (6),...
- Asia/ (20)
- Asia, Southeastern/ (5),...
- Atlantic Islands/ (1)
- Falkland Islands (1)
- Cities/ (4)
- District of Columbia (2)
- Europe/ (13)
- Europe, Eastern/ (5),...
- Historical Geographic Locations/ (10)
- Ancient Lands/ (1),...
- Indian Ocean Islands/ (1)
- Comoros (1)
- Oceans and Seas (1)
- Pacific Islands/ (8)
- Melanesia/ (2),...

**ction**

Show All

10 Matches Found --

Sort results by:	
1	<a href="http://www.who.int/pcs/emerg_site/edc/global_edc_TOC.htm">http://www.who.int/pcs/emerg_site/edc/global_edc_TOC.htm</a>