

Practical 1

Roget's Thesaurus OnLine

<http://ella.slis.indiana.edu/~jold/Roget2000>

Brief Overview

- *QuickQuery* – senses of a topic word
- *Text Queries*
 - Ranked Output
 - Indexed Output
 - Interactive (Roget Hierarchy (1911))
- *Link Queries* – (Start at the top and work down)
- *Graphical Queries* =>

Graphical Queries

- Hypertree

G. Salton (1968) on automatic thesaurus generation:

when words of unequal frequency are included in a thesaurus or represented on an association map... a hierarchical arrangement results almost inevitably, since frequent words can be made into categories, and words of lesser frequency into subcategories (p. 57).

supports the hypothesis that the thesaurus hierarchy, at least from the Category level down, may emerge naturally

Salton, G. (1968). *Automatic information organization and retrieval*. New York: McGraw-Hill.

Graphical Queries

- Generating FCA (ConExp) files of Semantic Neighbourhoods
- *(How to use ConExp?)*

Generating Contexts

Conexp Word X Sense

Cut and paste the text output by the query into a text-only editor (or select *Paste Special* and choose "Unformatted Text"), then save the file as ***word.cxt*** e.g. test.cxt

This will return a **Conexp**-format file of the semantic neighbourhood of the input word. ([example](#))

<input type="submit" value="Submit"/>	<input type="text" value="test"/>
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This will return a **Conexp**-format file of the restricted semantic neighbourhood of the input word. ([example](#))

<input type="submit" value="Submit"/>	<input type="text" value="test"/>
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Graphical Queries

- Generating FCA (ConExp) files of Semantic Neighbourhoods
- *How to use ConExp?*