Alexandria Persing

Information Retrieval System

Experiments

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| What Changed from base / Hypothesis | Average Precision | Average Recall | Worst Precision | Worst Recall | Best Precision | Best Recall |
| Start/Base  standard values: COMPARE\_VALUE = .9;  BRANCH\_WEIGHT\_VALUE = 2.7; (inverse, higher means less value) | .091 | .095 | 0 | 0 | 1 | 1 |
| Word Stemming | .067 | .085 | 0 | 0 | 1 | 1 |
| Multiple Word Search | .055 | .076 | 0 | 0 | 1 | 1 |
| Word Stemming + Multiple Word Search | .043 | .073 | 0 | 0 | 1 | 1 |
| Change tree ontology |  |  |  |  |  |  |
| Duplicate words in content tree |  |  |  |  |  |  |
|  |  |  |  |  |  |  |