

Project Overview

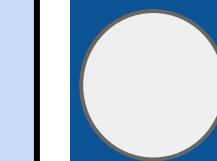
Introduction and Purpose

Here we introduce **SHIRASE**, a **hybrid lexical-semantic article search engine**. SHIRASE (Semantic-lexical Hybrid Information Retrieval And Search Engine) is designed to act as a utility that can utilize the versatility and specificity of a semantic search to access the breadth of data available on the conventional lexical web, thereby **combining the best of both world**. This allows **SHIRASE** to provide a far more **fine-grained and nuanced search experience than conventional search engines**.

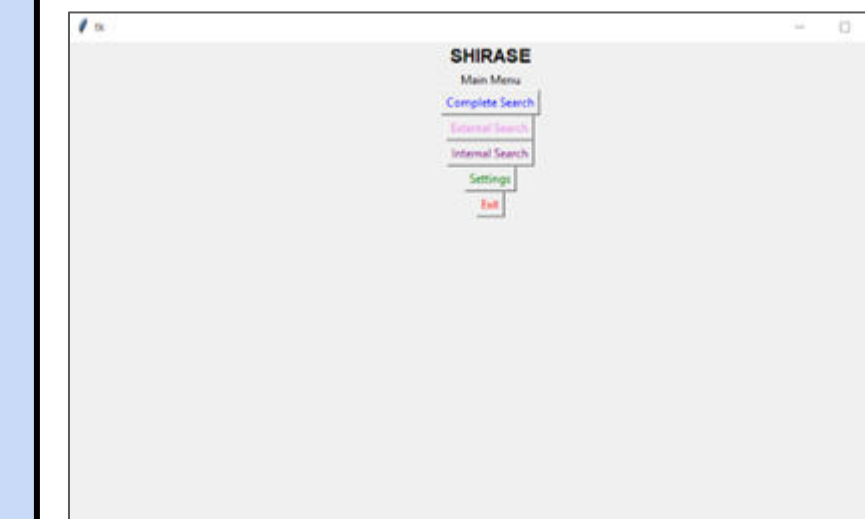
Standard search engines (Google, Bing, DuckDuckGo) are all at their core lexically based. This means

Generation and Analysis of Semantic Metadata Records Based on the Targeted Retrieval of Open-Web Resources for an Automated Article Search Engine Agent

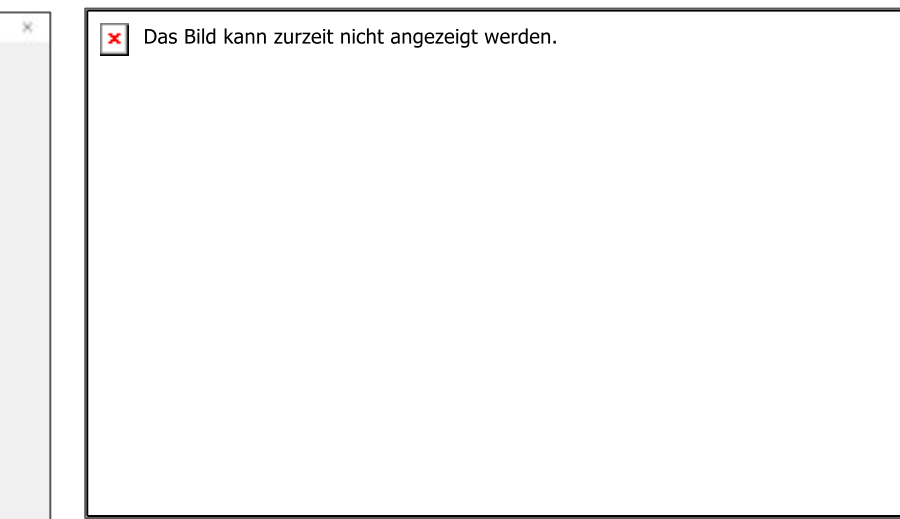
Results and Conclusions



GUI



Title Screen: There are various search options available to users to choose.



SPARQL Options: Can choose whether or not to use SPARQL builder form.