

LexEVS 6.4 Search Algorithm Implementation Details

Document Information

Author: Craig Stancl, Scott Bauer, Cory Endle
Email: Stancl.craig@mayo.edu, bauer.scott@mayo.edu, endle.cory@mayo.edu
Team: LexEVS
Contract: S13-500 MOD4
Client: NCI CBIIT
National Institutes of Health
US Department of Health and Human Services

Contents of this Page

- [Algorithm Implementation Details](#)

The **purpose of this document** is to collect, analyze, and define high-level needs for and designed features of the National Cancer Institute Center for Biomedical Informatics and Information Technology (NCI CBIIT) **LexEVS Release 6.4**.

The focus is on the functionalities proposed by the stakeholders and target users to make a better product.

Algorithm Implementation Details

The following documents specify the functionality and implementation of each search algorithm.

Note: All searches described below are case in-sensitive.

- [Contains Search](#)
- [Double Metaphone Search](#)
- [Leading and Trailing Wild Card Search](#)
- [Literal Contains Search](#)
- [Literal Substring Search](#)
- [Non Leading Wild Card Literal Substring Search](#)
- [Regular Expression Search](#)
- [Spelling Error Tolerant Substring Search](#)
- [Starts With Search](#)
- [Stemmed Lucene Search](#)
- [Substring Search](#)
- [Weighted Double Metaphone Search](#)