i2b2 User Guide

Text Analyzer View

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Introduction

The Text Analyzer can be used to display raw text categorized in the observation_fact table with valTypeCd of ‘B’. Typically notes such as discharge summaries, LMR notes, radiology reports and pathology reports are categorized in this manner.

Text Analyzer Setup

Open the text analyzer view and bring it into focus.

The following tool bar buttons are used to set various modes of the text analyzer plug-in.

- Sets the text wrap feature
  When the button is depressed it wraps the text in the document.

- Refreshes the text and removes all highlighting

- Sets mode to highlight NLP results
  - This mode is disabled in release 1.5

- Sets mode to highlight terms
  - Default setting

- At least one of the modes to highlight either NLP results or terms must be set.

Viewing notes and highlighting terms of interest

View a note

The following steps outline how to view a note in the text analyzer view.

1. Run a query that results in a note of interest in a timeline.
2. Double-click on the tick mark associated with the note.
3. If the note is encrypted a dialog box will ask you to enter the key to use for decryption. By default, all reports in the demo database are encrypted: enter a key of ‘i2b2demodatakey1’.
   In the observation_fact table encrypted notes will contain the value of ‘X’ in the valueFlagCd column.
By default, all reports in the demo database are encrypted. The key to access these reports is: “i2b2demodatakey1”

4. The content of the report will display in the Text analyzer.

Highlight term(s)

To highlight terms in a note simply drag the term(s) of interest from the Navigate Term view into the NLP Terms panel of the Text Analyzer view.

If more than one term is selected, all selected terms will be highlighted together.

Delete a term

Right click on a term in the NLP Terms panel and select delete to remove it from consideration.

Display of NLP Terms

The name of each term will be automatically highlighted upon activation of a note in the Text Analyzer the drop of a term in the NLP Terms panel. You will also see a list of associated terms (synonyms) in the box adjacent to the terms panel. If nothing is highlighted it means that none of the terms were found in the document.

Free-form word search

To search for a word in the text, enter the word of interest in the search box and click on the Search button. The word of interest will be highlighted if it exists.

Clear Highlights

To remove all highlighting from the text simply click on the refresh button located on the toolbar.