



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 highlighter either NLP results or terms must be set.***

## Viewing notes and highlighting terms of interest

### View a note

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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)

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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

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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

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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

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