

Sentence Analyzer

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About

This program is designed for syntactic analysis of sentences. Only English is supported. The algorithm has been developed and included to dynamic library for provide this goal. For demonstrate it there is a simple user interface which uses this library.

Goal

The program should be able to determine:

- Tenses (Present/Past/Future, Simple/Continuous/Perfect/Perfect Continuous)
- Direction (affirmative negative interrogative)
- Subject and Predicate

Rules and Constraints

- **Version 1:**
 - literary speech
 - present simple
 - simple sentence
 - full sentence (both subject and predicate are present)
 - active voice
 - long form
- **Version 2:**
 - literary speech
 - all tenses
 - simple and complex sentences
 - active and passive voices
 - long and short forms

User Interface

The application has one main form with the text area and managed buttons. The buttons are located on the right side also the information panel is presented here. The big text area is present from the left side.

You can clear this area with the button "Clear". You can use the clipboard.

For analyzing should press the button "Analyze". In a successful case the text would be formatted according to the following rules:

- All words that are included in the **Subject** became **orange**
- All words that are included in the **Predicate** became **green**