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Browser Integration for Rendering Text Edits

Stanford researchers have developed a new grammar checking tool with an emphasis on improving translation. The technology is a browser integration and Google Docs plugin for querying and rendering edits provided by an endpoint that suggests edits to text. The technology includes frontend and backend pieces in addition to text processing logic.
The browser integration can display edits inline and can handle a variety of text inputs and websites
Based on publicly available data, the research team believes that this invention is the first to query and display edits within the browser across a variety of websites and provide a solution for in-browser and Google Docs integration.

Stage of Research

- Prototype completed
- Continued work to refine frontend to support additional sites

Applications

- Browser integration for grammar checking and translation inline
- Google Docs plugin

Advantages

- First known browser integration than can display edits inline and can handle a variety of text inputs and websites
- No publicly available solution for in-browser and Google Docs integrations
- Compatable with adapted tensor flow code

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