

GECko

Software project, work update 3

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Table of Contents

Progress

Where We Are At

Action Plan

Table of Contents

Progress

Where We Are At

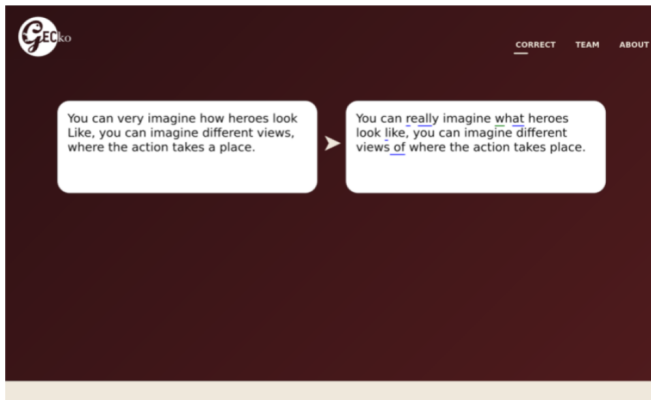
Action Plan

Back-end

- GECToR model callable
- Model is loaded once when connecting to the server
→ faster than launching at each request
- Using tokenizer / untokenizer

Front-end I

- Delta function (highlighting differences between the two texts)
- New layout



Front-end II

- Added a loading indicator
- Removed the browser's native spellcheck

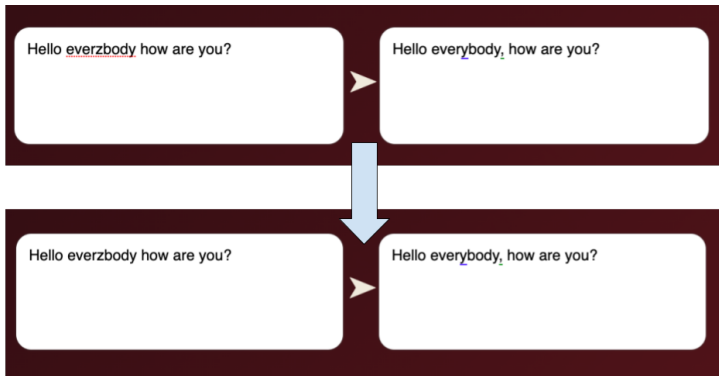


Figure: Browser's spellcheck enabled (top) and disabled (bottom)

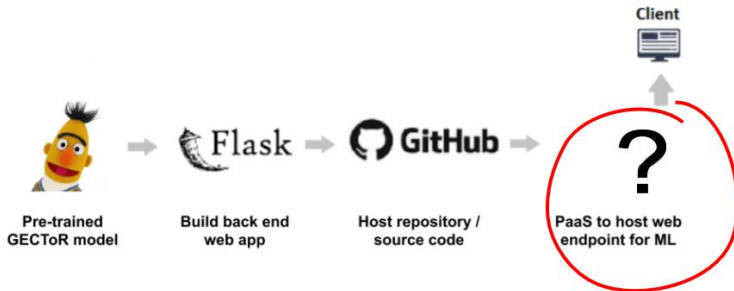
Table of Contents

Progress

Where We Are At

Action Plan

Project Workflow



**TIME FOR A LIVE
DEMO!**

Table of Contents

Progress

Where We Are At

Action Plan

Problems Investigation

- Technical concern
- Deployment
- Combine GECToR and our future model
- Lighter way of using GECToR model?
- Enhance delta function

Milestones



Target (reminder)

Discourse error corrector:

- Co-reference resolution
- English Wikipedia corpus (shuffled at sentence level)
- Adding new sentence-level tags
- Adapting model

Exploration of other GEC systems:

- GingerIT
- ERRANT

Thanks for listening!
Questions?