

# Developing the Multilingual Annotation Tool

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#### Background

- The FN-Br WebTool is being developed since 2014 with the purposes of
  - allowing web-based remote annotation
  - supporting annotation in multiple languages
  - providing a flexible environment for language modeling, integrating lexicon and construction
  - enriching FrameNet with other kinds of semantic or ontological structure
  - building an annotation chain

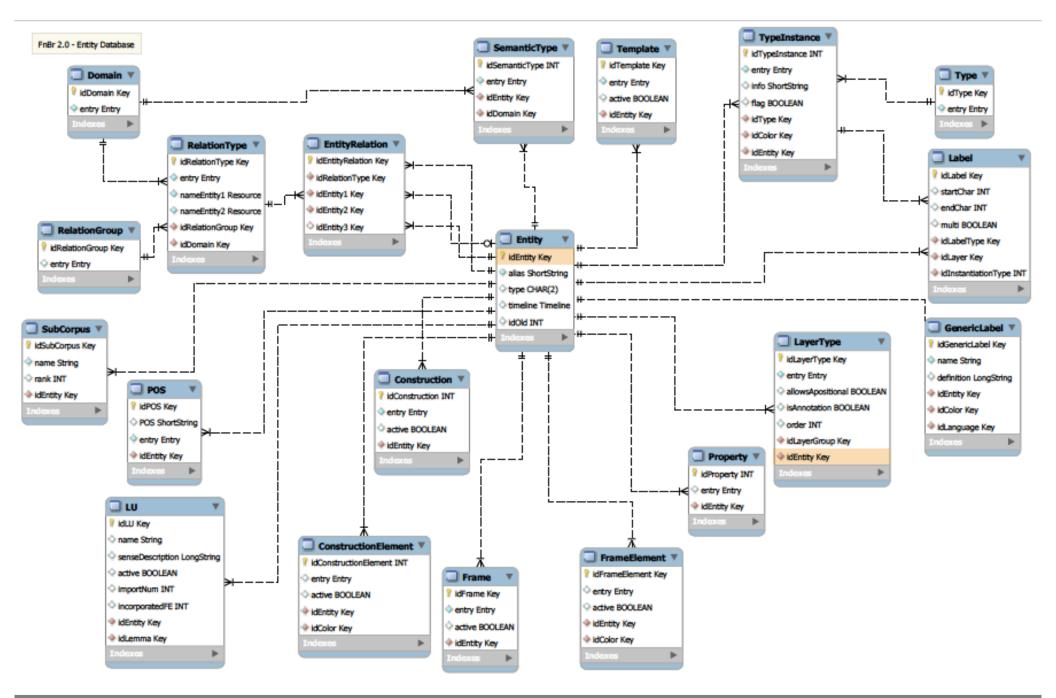


#### Key Features

- Entities and Relations
  - Entities: model objects
    - Frames, FEs, Constructions, CEs, LUs, Sem Types, Corpora, Annotation Sets, Lexemes, Word forms...
  - Relations: links between entities
    - Any kinds of entities
      - Frame to Frame
      - Frame to Frame Element
      - Construction to Frame
      - LU to LU
      - Construction Element to LU

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## Multilingual FN Challenges

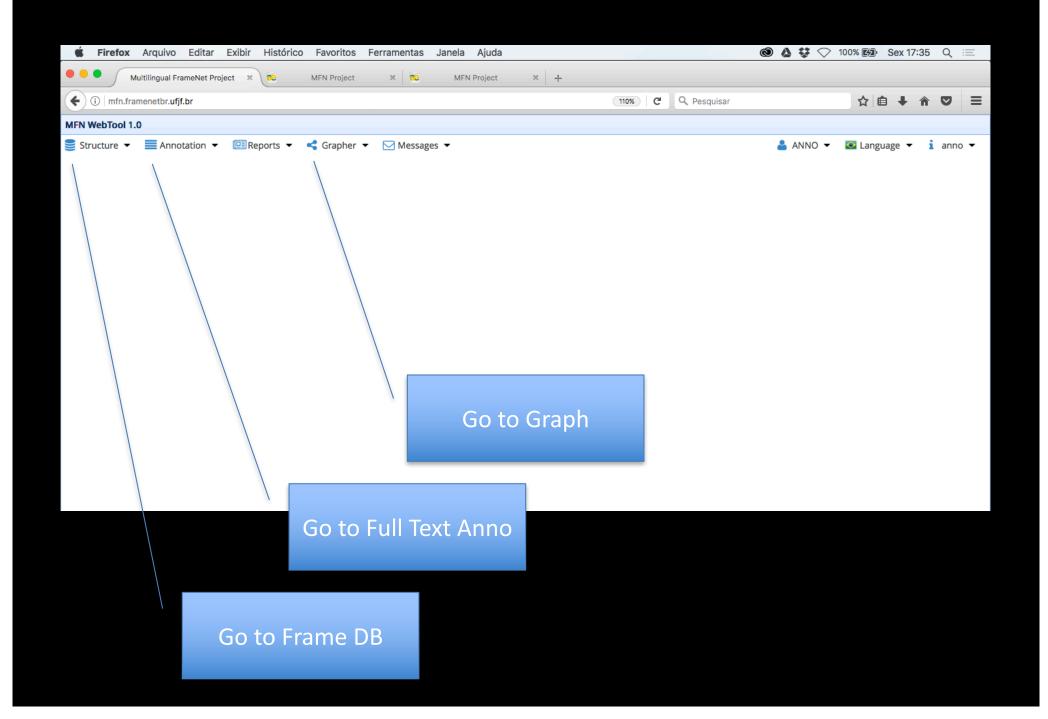
- Support diverse languages
  - Right to left
  - Ideograms
  - Non-Latin alphabets
- Allow customization of the annotation structure
  - New layers
  - New labels

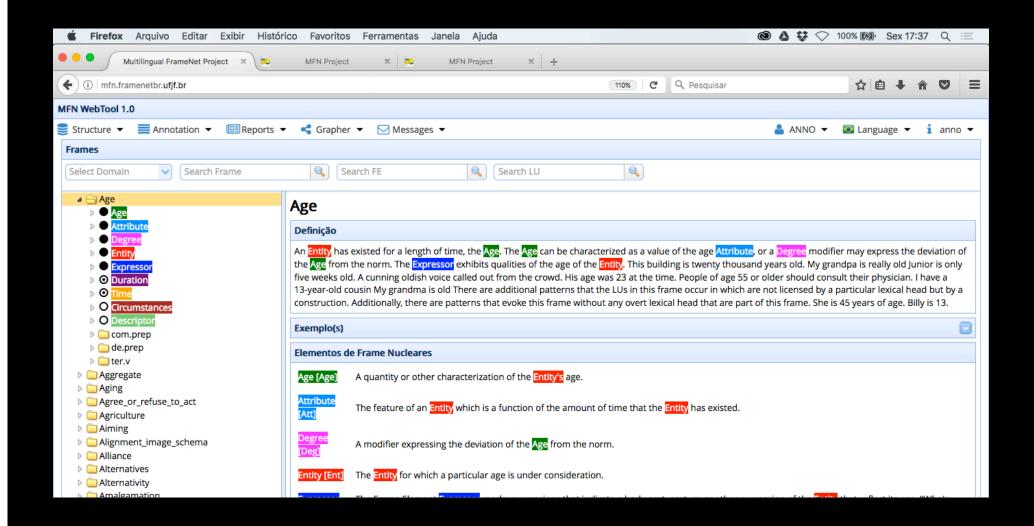


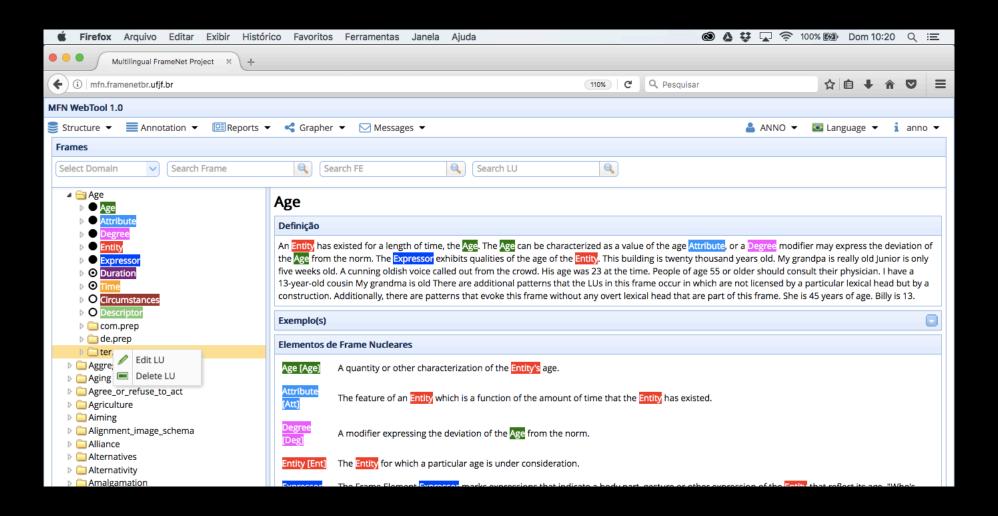
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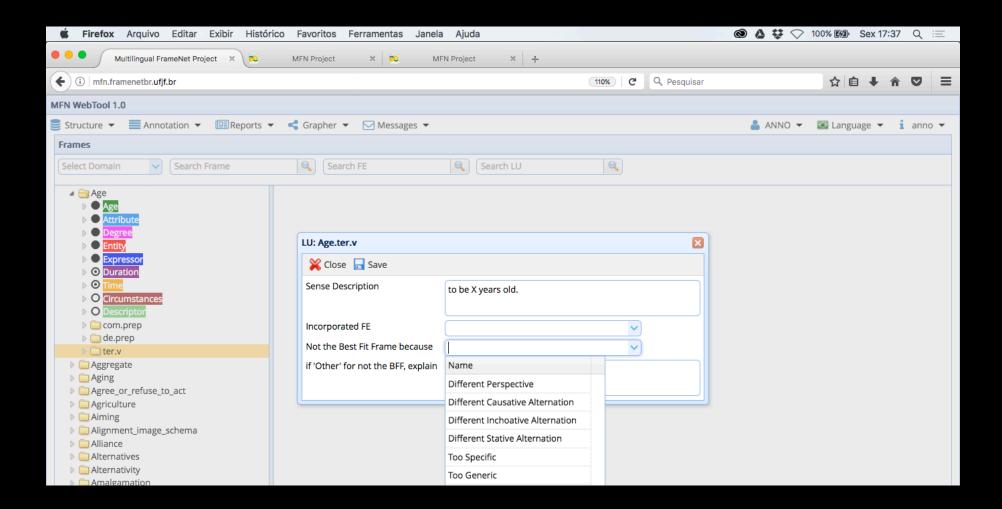
- Reduce the need for tech support by providing an user-friendly interface for admins
  - Ex.: Missing word forms
- Change interface features from Br-PT to En
  - Ongoing

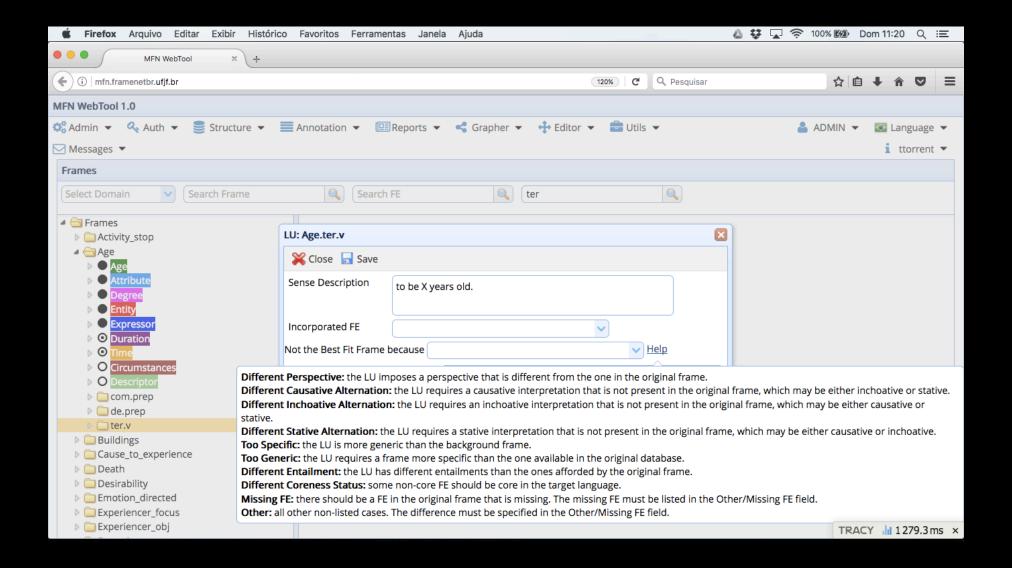


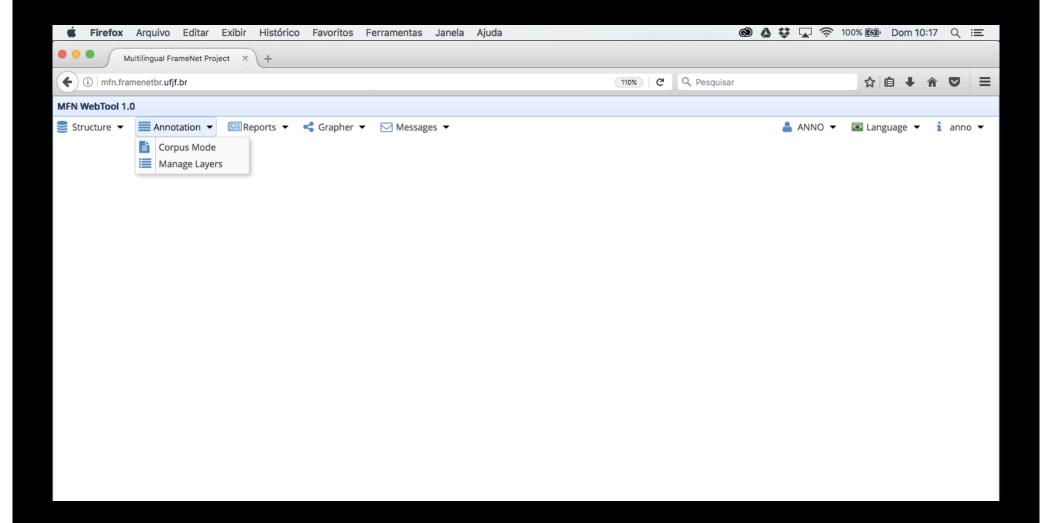


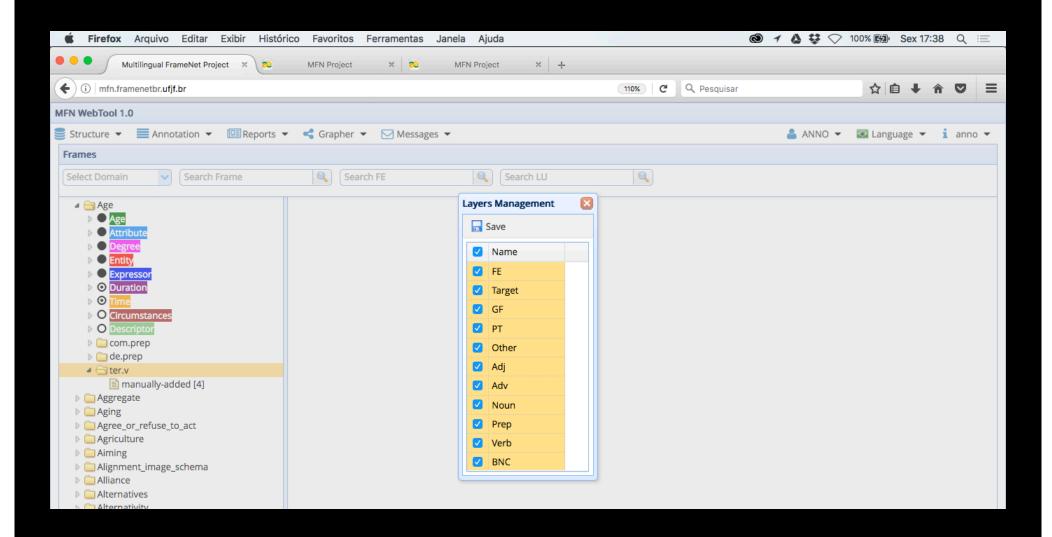


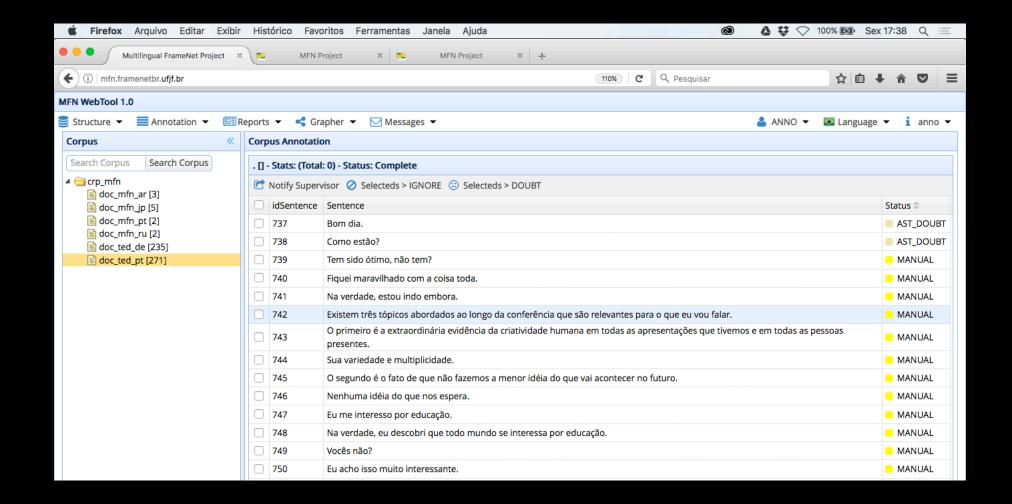


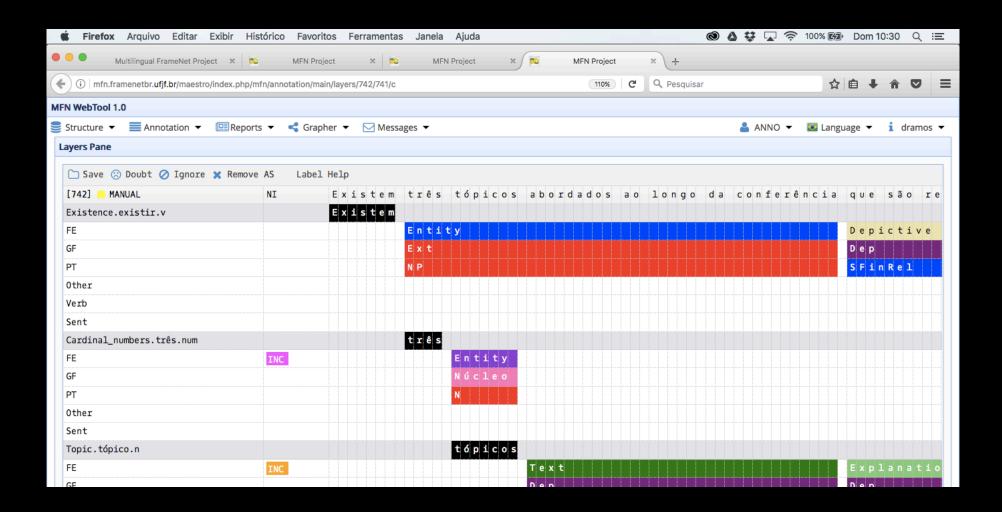








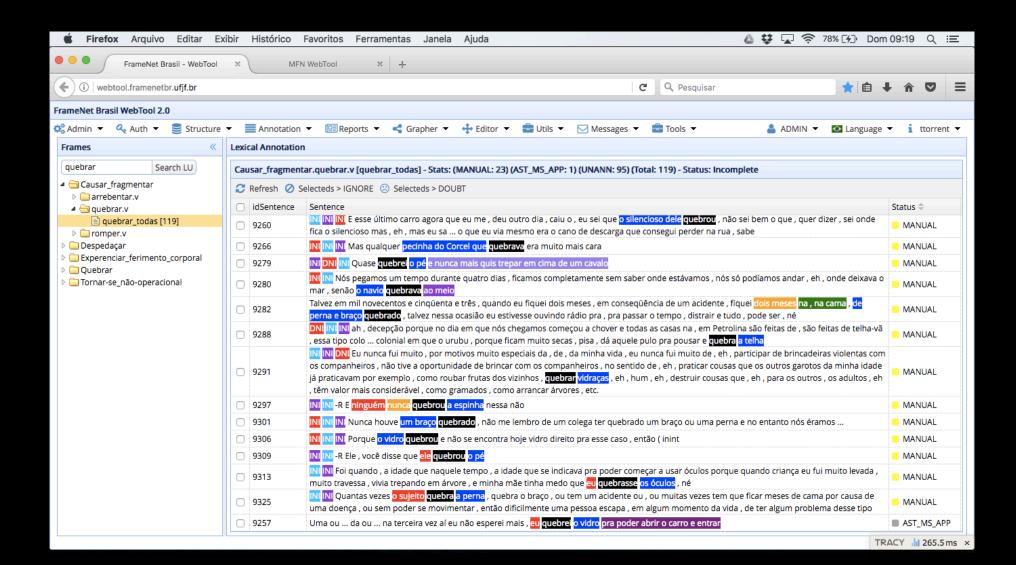


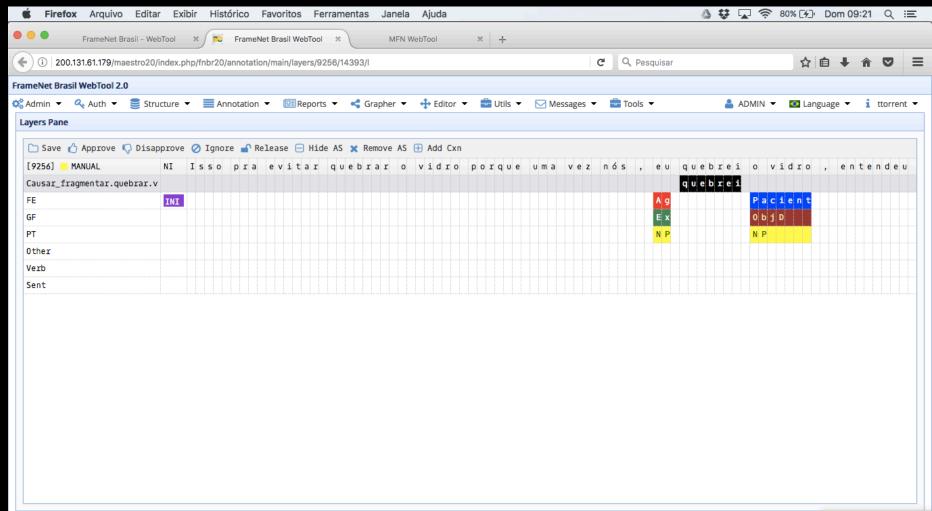


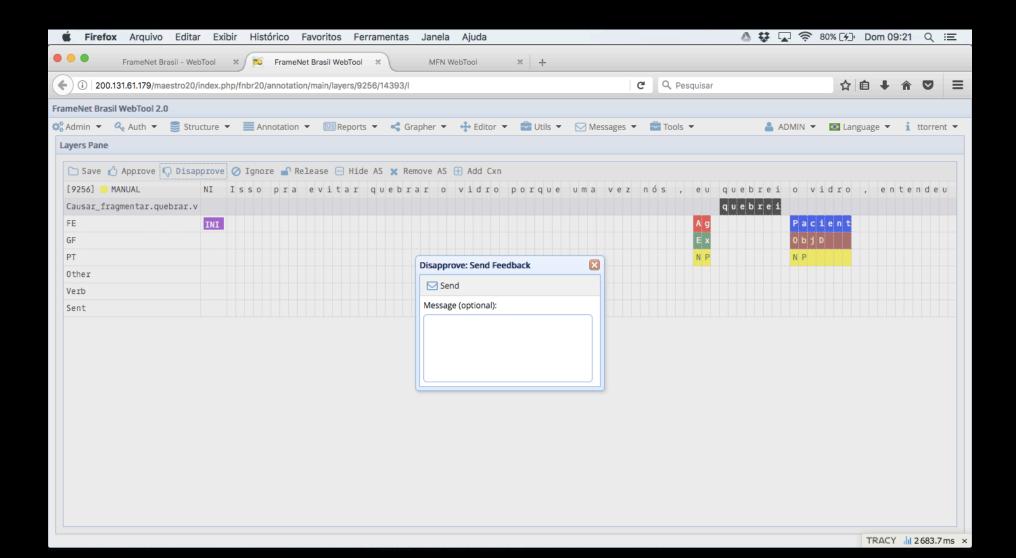
#### To Do List

- Report system for MLFN Shared Anno tasks
  - Extract possible general distinctions between the languages involved (BFF)
  - Analyze FN 1.7 Coverage and Suitability
- Implement annotation flow
- Improve messaging system
- Add tutorials









#### Future Possibilities

- Expand joint annotation tasks
  - More texts
  - LU-based
- Include alignment links between framenets
  - Either one to one or one to many
- Add Constructions
- Add Metaphor





# Thank you!

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