

# site(s) update Brazil IBM Research and FGV/EMAp

Alexandre Rademaker

July 19, 2021

# Team

- ▶ Alexandre Rademaker, IBM Research and FGV/EMAp
- ▶ Leonel Figueiredo de Alencar (UFC, PostDzaoc EMap/FGV)
- ▶ four undergrad students (3 at FGV, 1 intern at IBM)

One intern from IBM South Africa and two IBM developers working with TE using DELPH-IN technologies.

# Projects IBM

English Resource Grammar applications, semantic representations and Neuro-Symbolic

- ▶ Text Entailment and contribution with QA applications
  - ▶ MRS vs AMR
  - ▶ MRS vs EESP (Extended Shallow Semantic Parsing, ESSP)
- ▶ <https://github.com/own-pt/delphin-rdf>
- ▶ <https://github.com/own-pt/wql>
- ▶ WordNet glosstag and MRS representation
- ▶ <https://github.com/LR-POR/delphin-docker>
- ▶ Contributions to  
<https://github.com/System-T/UniversalPropositions>  
and <https://github.com/propbank/propbank-release>

# Project at FGV

Portuguese grammar, language resources for Portuguese

- ▶ Brazilian Historical-Biographical Dictionary (information extraction and applications, latter corpus construction under UD) and the Language Resources for Portuguese
- ▶ <https://github.com/LR-POR/PorGram>
- ▶ <https://github.com/LR-POR/MorphoBr>