Institute of Formal and Applied Linguistics (ÚFAL) Projects

Jan Hajič
Projects in 2019

• LINDAT
  – Research Infrastructure (JH, MSMT), not research in itself
    • Combines membership in EU CLARIN and DARIAH networks
      – DARIAH: Digital humanities and arts
    • 11 institutions in the Czech combined network
    • UK, MU, Academy of Sciences, National and Moravian Libraries, NG, NFA
  – New people
    • Maarten Janssen [janssen@ufal.mff.cuni.cz](mailto:janssen@ufal.mff.cuni.cz) (Spain), TEITOK adaptation
    • ?Wolfgang Sauer (Germany) – repository development
  – Universal Dependencies project: under LINDAT
  – Center for Visual History Malach: under LINDAT (& Herzl Center)
Projects in 2019

- ELG European Language Grid, EU H2020 Call 29a
  - „Marketplace“ for mainly commercial use of Language Technologies
  - Partners: DFKI, UK, Sheffiled, ELRA, commercial partners
  - Pilot projects: organized by us (2M EUR), L. Kačena, J. Hamrlová
  - Some UFAL tools provided – UDPipe, maybe MT (M. Straka)
    - UDPipe integrated in the first round, shown at META-FORUM in Brussels (Oct. 2019)

- SSHOC, Infrastructural project
  - Part of CLARIN ERIC participation
  - UFAL/LINDAT provides basic language tools for IR, MT for Social Surveys
    - D. Variš, J. Arnold

- Both projects 2019-2021 (SSHOC until mid-2022)
Continuing Projects

• VIADAT
  – Virtual assistant for Oral History collections
  – NFA, Inst. for Contemporary History (Academy of Sciences)
  – 0.75 FTE free for finishing the software

• Oral History Archives for 20th century history
  – Coordinated by Pilsen university (UWB)
  – Cooperation with ÚSTR (Institute for the study of totalitarian regimes)
Shared Tasks

• CoNLL Shared Task on dependency parsing
  – Run in 2017 and 2018 (D. Zeman et al.)
    • 2018: M. Straka wins EPE (extrinsic evaluation) with UDPipe 2

• CoNLL Shared Task on Meaning Representation Parsing (MRP)
  – Run in 2019 (maybe again 2020, Cz added)
  – Stephan Oepen & colleagues
To be submitted (H2020)

- Call 48/49, Deadline Nov 13, 2019
- HumaineAI
  - Coordinated by DFKI (Paul Lukowicz)
  - NLP small part (maybe with VUT Brno)
- Security, NLP, Speech, … (Ondrej Bojar)
  - Czech Technical University (M. Pechoucek)
- AI4EU
  - Unclear participation
- Human Language Project
  - Not submitted (?)
- FET Proactive
  - Interaction – Ondrej Dusek