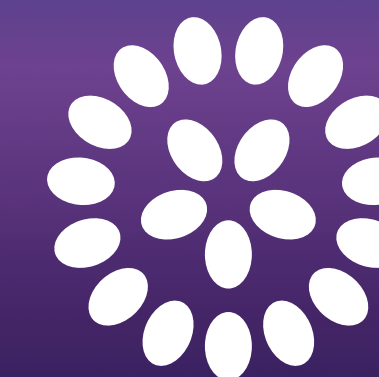


Opravidlo 2.0

Public Online Proofreading Service



OSCAR

Open Science Clusters' Action
for Research & Society

Opravidlo 2.0 aims to bring a beta-version online proofreading service, Opravidlo, into its operational phase. The project contributes to the evolution of Czech automatic proofreading by integrating AI with expert linguistic rules, making efforts to improve recall while maintaining precision. Opravidlo 2.0 will empower users from different linguistic backgrounds to communicate more effectively in Czech.



SSHOC
Social Sciences and Humanities

Challenge

Maintaining high precision in automatic proofreading while improving recall is a critical challenge. Current systems face limitations in covering all orthographic phenomena, leading to user dissatisfaction.

Solution

Opravidlo 2.0 plans to combine the current rule-based system with artificial intelligence (AI) approaches, enhancing both recall and precision. New neural network models will be developed and trained for different proofreader modules, which will refine error detection.

Scientific Impact

Opravidlo 2.0 will contribute to Open Science by publishing its grammar rules and anonymised corrected texts via the CLARIN infrastructure. This will enable linguistic analysis, teaching, and tool development across languages with similar orthography systems.

Partners

Masaryk University, Faculty of Informatics and Faculty of Arts

<https://bit.ly/OSCAR-fundedproject-OPRAVIDLO>