

PROJECT GOAL

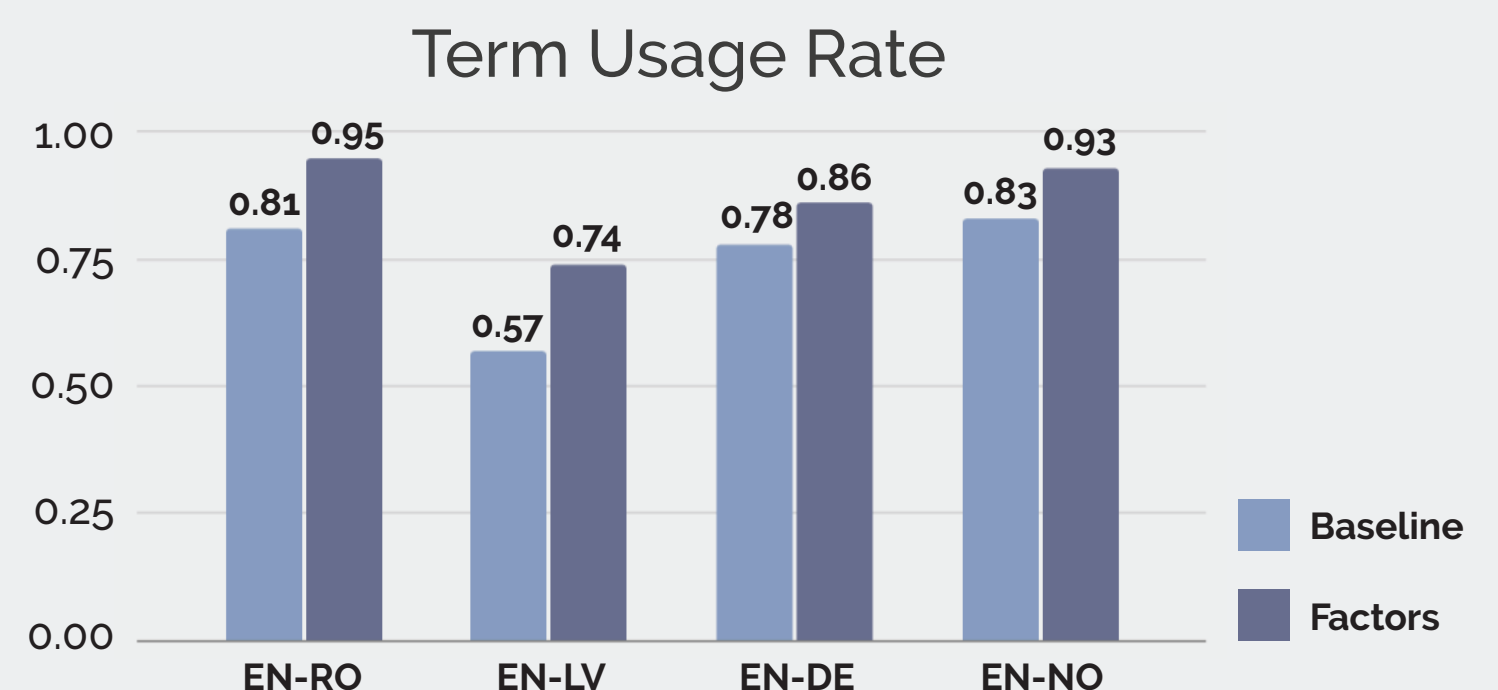
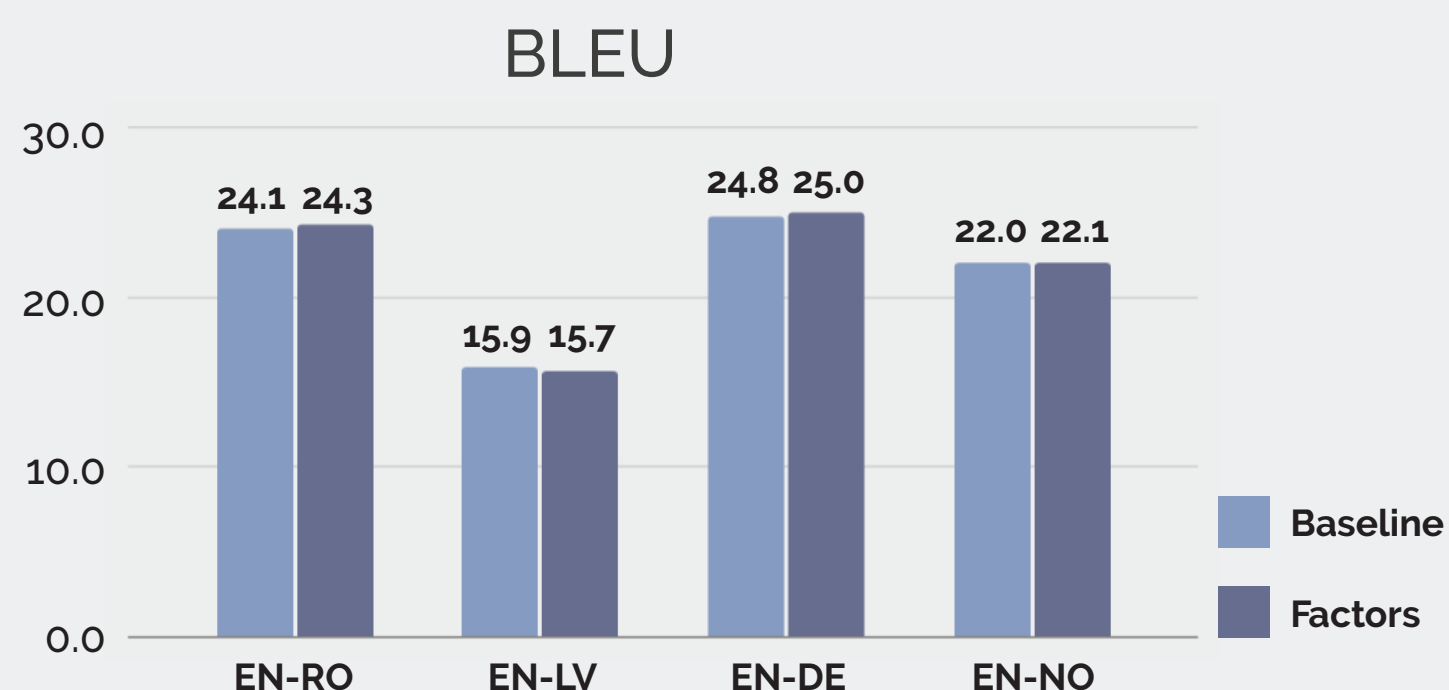
The Project aims at **improving** the pre-existing **neural machine translation toolkit Marian** to address the needs of CEF eTranslation and to broaden its user base

PROJECT OBJECTIVES

- Implement **factors for both source and target tokens** in Marian
- Add support for forced translation to Marian
- Add support for **on-the-fly domain adaptation** using large translation memories with a well-defined API
- Improve Marian's documentation for all levels of users
- **Improve inference on GPUs** based on 8-bit matrix multiplication with Tensor cores

PRELIMINARY RESULTS

We have published the first deliverable, which allows for source and/or target-side factors. The factors were tested for terminology translation from English into Romanian, Latvian, and Norwegian



HACKATON

In 2021 we plan to have an engagement program for Marian user and developer community to develop new and improve existing features in Marian

PARTNERS IN CONSORTIUM



<https://marian-project.eu/>



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