

prompsit's API AND CLI: PLANET-FRIENDLY, PRIVACY-FIRST, OPEN-SOURCE MACHINE TRANSLATION

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INTRODUCTION

While LLMs offer impressive linguistic nuance, traditional NMT remains the proven backbone for professional workflows.

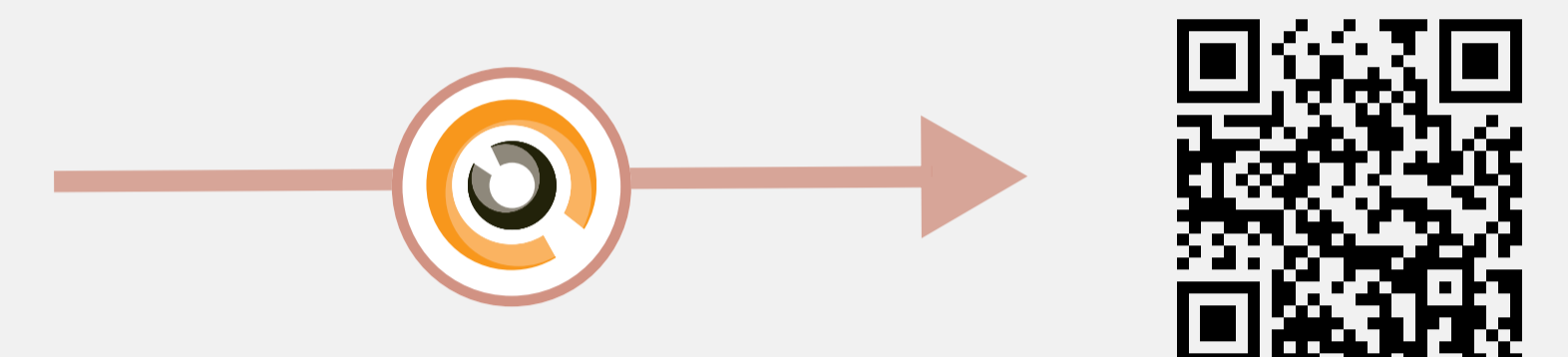
FASTER THAN LLMs

NMT is significantly faster — often outperforming LLMs by a large margin — and allows for a straightforward, character-based pricing model.

PROMPSIT CLI AND API

Open-source, planet-friendly machine translation services. A freemium model offers limited free access plus tiered pricing for advanced features like MT evaluation, quality estimation, corpus scoring, and multilingual dataset annotation.

EXPERIENCE ADVANCED TRANSLATION SERVICES FIRSTHAND —
SCAN THE QR AND TRY OUR CLI AND API FOR FREE.



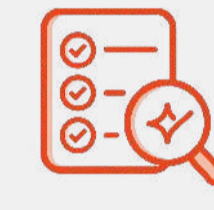
SERVICES AVAILABLE

TRANSLATION



- A growing set of high-performance NMT and RBMT systems.
- Specialized in low-resource languages.
- Supports regional variants for contextually accurate output.

EVALUATION



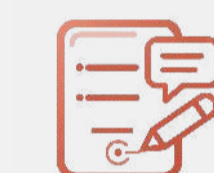
- Measures translation quality with industry-standard automated metrics.
- Audits engines through parallel-corpus analysis.
- Assesses model performance across translation outputs.

SCORING



- Scores parallel segments with BicleanerAI multilingual models.
- Identifies and filters low-quality or unlikely translations.
- Selects higher-quality parallel data for model fine-tuning.

ANNOTATION



- Deduplicates, labels, and fixes the encoding of multilingual datasets.
- Enriches documents with language identification and quality scores.
- Flags PII and adult content.

MICROSERVICE TECHNOLOGY PIPELINE

- **Architecture:** REST orchestrator layered via Python 3.13 and FastAPI coordinating 12 containerized isolated functional modules.
- **Pipeline Stream:** 8-stage execution flow dealing with tag extraction, 5-level query caching, and neural token alignment loops.
- **Extensibility:** Fully open-source npm-distributed CLI matching machine-readable skill bundles for immediate AI coding assistant integration.
- **Scriptable:** The CLI provides easier API access for human users but may also be used to easily script complex translation-related tasks.

COMPARATIVE PERFORMANCE EVALUATION BENCHMARKS (FLORES+)

Pair	Prompsit serves*	Prompsit API	NLLB-200	OpusMT	GoogleTranslate
		BLEU/chrF++	BLEU/chrF++	BLEU/chrF++	BLEU/chrF++
es→gl	Apertium	21.4 / 49.9	23.3 / 50.5	20.7 / 48.8	26.9 / 53.8
gl→es	Apertium	22.8 / 50.0	24.9 / 51.1	22.0 / 49.0	26.8 / 52.7
nn→nb	Apertium	41.6 / 65.1	36.2 / 61.3	25.1 / 53.9	—
nb→nn	Apertium	43.5 / 67.2	47.4 / 68.6	38.9 / 63.1	—
en→fr	Mozilla	50.7 / 70.0	49.1 / 68.4	47.6 / 67.7	50.0 / 69.3
fr→en	Mozilla	45.4 / 67.8	45.3 / 67.0	42.0 / 65.3	47.9 / 69.6
en→de	Mozilla	41.9 / 65.1	37.1 / 61.2	35.7 / 61.0	41.2 / 65.0
de→en	Mozilla	44.1 / 67.2	44.5 / 66.7	40.4 / 64.8	45.9 / 68.7
en→nl	Mozilla	27.6 / 56.0	26.2 / 54.1	25.0 / 53.8	28.7 / 57.0
nl→en	Mozilla	31.2 / 57.6	32.8 / 57.8	29.4 / 56.0	32.7 / 59.0

*Apertium pairs are RBMT-based and Mozilla pairs are NMT-based. Also serving AltLang (RBMT, for varieties such as en_US-en_GB) and OpusMT (NMT-based).

FEATURES



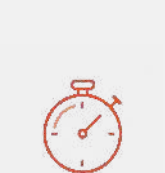
Energy efficiency



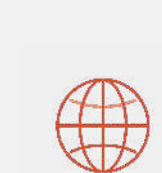
Transparency



Format support



Low latency



Language coverage

Quantized NMT engines

>30 formats, tag-aware

20 languages, >50 pairs