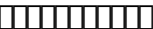

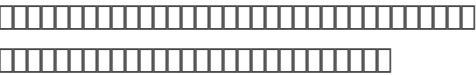




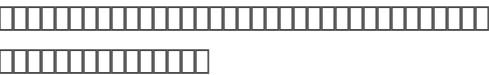
-  \_\_\_\_\_
- AI  \_\_\_\_\_



1. 1. DeepSeek-R1



TM



Python



1. 1.
- 2.
- 3.



- 1. Crowdin/Transifex
- 2.
- 3. AI

XLIFF

Weblate

## WEB

📄 [Downloading and uploading translations - Weblate latest documentation](#)

## CLI

📄 [WeblateOrg/wlc: Weblate command line client](#)

```
# https://docs.weblate.org/en/latest/wlc.html#getting-started
vim ~/.config/weblate

# e.g. weblate/website/zh_Hans
$PROJECT=weblate;$COMPONENT=website;$LANGUAGE=zh_Hans

# show translation progress
wlc [stats/show] $PROJECT/$COMPONENT/$LANGUAGE

# download translation file
wlc download $PROJECT/$COMPONENT/$LANGUAGE -c po -o $PROJECT-$COMPONENT_$LANGUAGE.po

# do some translations here

# upload translation file
wlc upload $PROJECT/$COMPONENT/$LANGUAGE -i $PROJECT-$COMPONENT_$LANGUAGE.po [--method
{translate/suggest/fuzzy}]
```

## Crowdin

## WEB

📄 [Offline Translation | Crowdin Docs](#)

📄 [XLIFF](#)

[The essential toolkit for localization engineers |](#)

[Translate Toolkit](#)

## CLI

📄 [crowdin/crowdin-cli: A command-line client for the Crowdin API](#)

📄 [XLIFF](#)

```
# https://crowdin.github.io/crowdin-cli/configuration
crowdin init

# or
export $CROWDIN_PERSONAL_TOKEN=[REDACTED];export $CROWDIN_PROJECT_ID=[REDACTED]

# show translation and proofreading progress
crowdin status -l zh-CN

# download translation file
crowdin download translations -l zh-CN

# do some translations here

# upload translation file
crowdin upload translations -l zh-CN
```

# Transifex

## WEB

📄 [Translate Offline | Transifex Help Center](#)

XXXXXXXXXXXXX XLIFF XXXXXXXXXXXXXXXX  
[localization engineers | Translate Toolkit](#)

[The essential toolkit for](#)

## CLI

📄 [transifex/cli: The Transifex command-line client](#)

XXXXXXXXXXXXX XLIFF XXXXXXXXXXXXXXXX

```
# https://github.com/transifex/cli?tab=readme-ov-file#usage
tx init && vim .tx/config

# or
export $TX_TOKEN=[REDACTED]

# show translation and proofreading progress
tx status [resource_id]

# download translation file
tx pull -l zh-CN
```

```
# do some translations here
```

```
# upload translation file
```

```
tx push -l zh-CN
```

# Translation Project

## ☐ Translators and the TP

## CLI

## ☐ Translation software and other projects

```
./sendpo.sh POFILE
```

# AI

## 

## GNU gettext PO

GNU gettext  Weblate  prompt

[ryanhex53/gpt-po: command tool for translate po files by using openai api](#)  
 gpt-po issue

[leolivier/auto-po-lyglot: The goal of this project is to use various LLMs to help translate po files using a first already translated file to provide context for short pieces of text otherwise very ambiguous.](#)  
 pypi

[pescheckit/python-gpt-po: This tool, powered by OpenAI's GPT-4, offers a sophisticated approach to translating .po and .mo files, seamlessly integrating the capabilities of ChatGPT and GPT-3.5 models. It's designed for both bulk and individual file translations, providing a versatile solution for different translation needs.](#)

## XLIFF

XLIFF  XML  pypi  Crowdin  
Transifex /  
 PO Files

## JSON

JS

[mololab/json-translator: jsontt  - AI JSON Translator with GPT + other FREE translation modules to translate your json/yaml files into other languages  Check Readme  Supports GPT / DeepL / Google / Bing / Libre / Argos](#)

## 

AI

