

“Quick User Guide” | Translator-Language- Dictionary-App | (By: VictoriaRaven)

PART 1 — INTRODUCTION & SYSTEM REQUIREMENTS

1. Overview

The Translator-Language-Dictionary-App is a Python-based desktop translator that supports multiple languages using:

- Offline dictionary text files
- Optional online translation (MyMemory API)
- SQLite-powered translation history
- Tkinter GUI

No internet is required for standard translation. Online mode is only used if offline data is missing.

2. Features

- Offline & online translation
- Multi-language dictionary search
- Sorting, filtering, pagination
- Translation and history logging
- Export tools: JSON, PDF, Excel (.xlsx)
- Email integration (Outlook or mailto)
- Admin tools for managing dictionary & history
- UTF-8 support for accented, Ukrainian, Russian, Polish, and more

3. Supported Languages

English, French, Spanish, Portuguese, Italian, German, Dutch, Polish, Ukrainian, Russian

4. System Requirements

Software Requirements

- Python 3.9+
- Pip
- Tkinter
- Internet (optional)

OS Compatibility

- Windows 10/11
- macOS
- Linux / Ubuntu

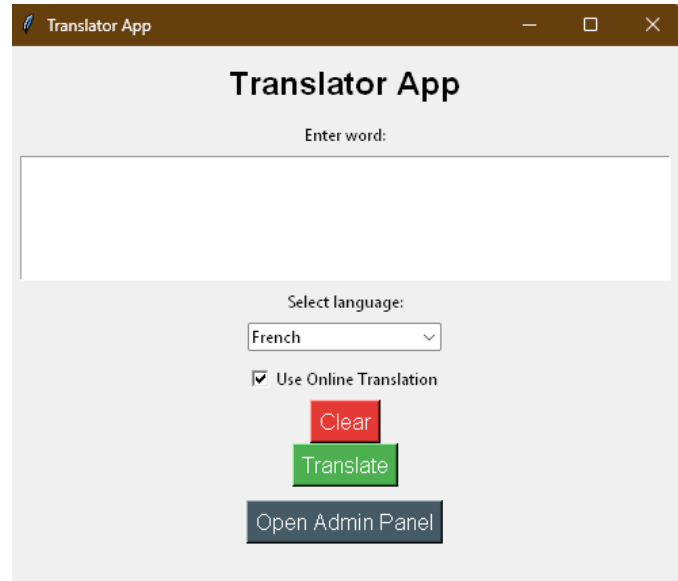


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PART 2 — INSTALLATION & SETUP

1. Downloading the Application

Option A — Download ZIP

1. Open GitHub repository.
2. Click Code → Download ZIP.
3. Extract ZIP.
4. Open in IDE or terminal.

Option B — Clone via Git

git clone
<https://github.com/VictoriaRaven/Translator-Language-Dictionary-App.git>

2. Setting Up Python Environment

Create Virtual Environment

Windows:

```
python -m venv venv  
venv\Scripts\activate
```

macOS/Linux:

```
python3 -m venv venv  
source venv/bin/activate
```

Install Dependencies

```
pip install -r requirements.txt  
pip install -r requirements-dev.txt
```

3. Running the Application

```
python main.py
```

PART 3 — USING THE GUI

1. Translator Tab

Steps:

1. Select From Language and To Language.
2. Type a word.
3. Click Translate.
4. View offline/online result + timestamp.
 - Spelling Auto-Correction
 - Misspelled words are auto-corrected.

2. Dictionary Tab

Tools:

- Search
- Sort
- Pagination
- Load dictionary



3. History Tab

- Filtering
- Sorting
- Pagination
- Export JSON, PDF, Excel



4. Admin Panel

Admin Functions:

- Clear history
- Reload dictionary
- Export dictionary
- Manage database



PART 4 — EXPORTING, TROUBLESHOOTING & TIPS

1. Export Tools

JSON Export
PDF Export (DejaVuSans.ttf required)
Excel Export (UTF-8)
Email Export

2. Troubleshooting

App won't start: install requirements, check Python version, Tkinter.
PDF fail: ensure DejaVuSans.ttf exists.
Online translation fail: check internet or API limits.
Excel unreadable: import using UTF-8.

3. Best Practices

- Use offline/online mode when possible
- Export history regularly

4. Getting Help

Open GitHub Issue or contact project author VictoriaRaven.