

Update Instructions - Translation Fix

Quick Start (For Users)

If you already have transcribe_ro installed and want to update to the fixed version:

Step 1: Update Dependencies

```
# Navigate to your transcribe_ro directory
cd /path/to/transcribe_ro

# Update dependencies
pip install -r requirements.txt

# OR if using virtual environment:
.venv/bin/pip install -r requirements.txt
```

This will automatically:

- Remove the old `googletrans` library
- Install the new `deep-translator` library

Step 2: Test the Fix

```
# Quick test to verify translation works
python3 test_translation.py
```

You should see:

- ✓ Translation successful!
- ✓ All translation tests passed!

Step 3: Use as Normal

```
# Transcribe and translate your audio file
python transcribe_ro.py your_audio_file.m4a

# OR with virtual environment:
.venv/bin/python transcribe_ro.py your_audio_file.m4a
```

What's New?

You'll Now See Detailed Logging:

```

2026-01-12 13:28:21 - INFO - Loading Whisper model 'base' on cpu...
2026-01-12 13:28:21 - INFO - Model loaded successfully!
2026-01-12 13:28:21 - INFO - Transcribing: audio.m4a
2026-01-12 13:28:21 - INFO -  Transcription completed successfully!
2026-01-12 13:28:21 - INFO -  Detected language: en
2026-01-12 13:28:21 - INFO - =====
=====
2026-01-12 13:28:21 - INFO - Starting translation to Romanian...
2026-01-12 13:28:21 - INFO - =====
=====
2026-01-12 13:28:21 - INFO - Translation attempt 1/3...
2026-01-12 13:28:21 - INFO -  Translation successful! (150 -> 145 chars)
2026-01-12 13:28:21 - INFO - =====
=====
2026-01-12 13:28:21 - INFO -  Translation completed successfully!
2026-01-12 13:28:21 - INFO - =====
=====
2026-01-12 13:28:21 - INFO -  Output saved to: audio_transcription.txt

```

Benefits:

- ✓ See exactly what's happening
- ✓ Know when translation starts and completes
- ✓ See retry attempts if there are network issues
- ✓ Get immediate feedback on success/failure

Troubleshooting

“ModuleNotFoundError: No module named ‘deep_translator’”

Solution:

```

pip install deep-translator
# OR
.venv/bin/pip install deep-translator

```

Translation still not working?

Check:

1. Internet connection is active
2. Run the test: `python3 test_translation.py`
3. Check the logs for specific error messages

Getting rate limit errors?

Solution:

The new implementation automatically retries with exponential backoff. Just wait for it to retry (you'll see it in the logs).

Reverting (Not Recommended)

If you need to revert to the old version:

```
pip uninstall deep-translator
pip install googletrans==4.0.0rc1
```

However, this is **not recommended** as the old library is unreliable.

Questions?

See `TRANSLATION_FIX_SUMMARY.md` for detailed technical information.

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