

# Update Instructions - Translation Fix

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## Quick Start (For Users)

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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)

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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?

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See `TRANSLATION_FIX_SUMMARY.md` for detailed technical information.

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**Updated:** 2026-01-12