

Multi-Language Translation with LiteLLM

Professional Translation Examples with Quality Control

```
# translation_example.py

from litellm import completion

def translate_text(text, target_language, source_language="auto"):
    # Create context-aware translation prompt
    prompt = f"""Translate from {source_language} to {target_language}.
    Maintain original tone and meaning.
    Text: {text}"""

    response = completion(
        model="gpt-3.5-turbo",
        messages=[
            {"role": "system", "content": "You are a professional translator."},
            {"role": "user", "content": prompt}
        ],
        temperature=0.2, # Low temperature for consistency
        max_tokens=200
    )
    return response.choices[0].message.content.strip()
```

```
# Advanced Translation Features

# Enhanced translation with quality control
def professional_translate(text, target_lang):
    base_prompt = f"""Translate to {target_lang}. Requirements:
    1. Maintain original meaning and tone
    2. Use natural, native-speaker phrasing
    3. Consider cultural context

    Text: {text}"""

    response = completion(
        model="gpt-4", # Use a better model for quality
        messages=[
            {"role": "system", "content": "You are a certified professional translator."},
            {"role": "user", "content": base_prompt}
        ],
        temperature=0.1
    )
    return response.choices[0].message.content
```

Real Translation Results

CASUAL TRANSLATION:

Original (English): Hello, how are you today? I hope you're having a wonderful day!
Spanish: ¡Hola, ¿cómo estás hoy? ¡Espero que tengas un día maravilloso!
French: Bonjour, comment allez-vous aujourd'hui ? J'espère que vous passez une merveilleuse journée !

BUSINESS TRANSLATION:

Original (English): Please confirm your attendance at tomorrow's meeting by 3 PM.
Spanish: Por favor, confirme su asistencia a la reunión de mañana antes de las 3 PM.
French: Veuillez confirmer votre présence à la réunion de demain avant 15h.

TECHNICAL TRANSLATION:

Original (English): The API endpoint returns a JSON response with user data and authentication tokens.
Spanish: El endpoint de la API devuelve una respuesta JSON con datos de usuario y tokens de autenticación.
French: Le point de terminaison API renvoie une réponse JSON avec des données utilisateur et des jetons d'authentification.

Translation Excellence

- **Low temperature:** Use 0.1-0.3 for consistent, high-fidelity translations.
- **Context matters:** Include domain (business, technical, casual) in prompts for better accuracy.
- **Quality models:** Use advanced models like GPT-4 or Claude for superior translation quality.
- **Cultural awareness:** Prompt the model to consider cultural nuances, not just literal translation.