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In [ ]: def translate_watson(text, apikey, url, final_language):

    """
    text: text to be translated
    apikey: authentication apikey
    url: language translator service url
    final_language: final language
    """

    # dependencies
    !pip install ibm_watson
    !pip install tqdm
    from ibm_watson import LanguageTranslatorV3
    from ibm_cloud_sdk_core.authenticators import IAMAuthenticator

    # API config
    authenticator = IAMAuthenticator(apikey)
    language_translator = LanguageTranslatorV3(
        version='2018-05-01',
        authenticator=authenticator
    )
    language_translator.set_service_url(url)

    # API call (identify language)
    language = language_translator.identify(
        text).get_result()

    lang_detected = language["languages"][0]["language"]
    model_id = lang_detected+"-"+final_language

    # if language detected is different from the desired language, translate (API call for translating)
    if lang_detected != final_language:
        translation = language_translator.translate(
            text=text,
            model_id=model_id).get_result()

    # return translated text and language detected
    return translation["translations"][0]["translation"], lang_detected

```