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import logging

from telegram import Update

from telegram.ext import Updater, CommandHandler, MessageHandler, Filters, CallbackContext

from transformers import pipeline


# Enable logging
logging.basicConfig(
    format='%(asctime)s - %(name)s - %(levelname)s - %(message)s',
    level=logging.INFO
)

logger = logging.getLogger(__name__)

# Load the emotion detection pipeline
emotion_classifier = pipeline(
    "text-classification",
    model="bhadresh-savani/distilbert-base-uncased-emotion"
)

# Define the /start command handler
def start(update: Update, context: CallbackContext) -> None:
    update.message.reply_text(
        "Hi! Send me a message and I'll tell you what emotion I detect in it."
    )

# Define the message handler
def detect_emotion(update: Update, context: CallbackContext) -> None:
    text = update.message.text
    result = emotion_classifier(text)[0]
    label = result['label']
    score = result['score']
    response = f"Emotion: {label} (confidence: {score:.2f})"

    update.message.reply_text(response)
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update.message.reply_text(response)

# Define the main function

def main():

    # Replace 'YOUR_TELEGRAM_BOT_TOKEN' with your actual bot token
    updater = Updater("YOUR_TELEGRAM_BOT_TOKEN", use_context=True)

    dp = updater.dispatcher
    dp.add_handler(CommandHandler("start", start))
    dp.add_handler(MessageHandler(Filters.text & ~Filters.command, detect_emotion))

    updater.start_polling()
    updater.idle()

if __name__ == '__main__':
    main()
```