

## bot.py

```
import os
import tempfile
import pdfplumber
from googletrans import Translator
from reportlab.lib.pagesizes import A4
from reportlab.pdfgen import canvas
from telegram.ext import Updater, MessageHandler, Filters
```

```
translator = Translator()
```

```
def extract_text_from_pdf(path):
    text = ""
    with pdfplumber.open(path) as pdf:
        for page in pdf.pages:
            text += page.extract_text() + "\n"
    return text
```

```
def translate_text(text, dest='ar'):
    try:
        translated = translator.translate(text, dest=dest)
        return translated.text
    except Exception as e:
        return "Translation error:\n" + str(e)
```

```
def create_pdf(text, output_path):
    c = canvas.Canvas(output_path, pagesize=A4)
    width, height = A4
    y = height - 40
    for line in text.split('\n'):
        if y < 40:
            c.showPage()
            y = height - 40
        c.drawString(40, y, line)
        y -= 15
    c.save()
```

```
def handle_pdf(update, context):
    file = update.message.document
```

```
if file.mime_type != "application/pdf":
    )(update.message.reply_text
    return
```

```
with tempfile.NamedTemporaryFile(suffix=".pdf") as tf:
    path = file.get_file().download(custom_path=tf.name)
    )(update.message.reply_text
```

```
text = extract_text_from_pdf(path)
translated = translate_text(text)
```

```
out_file = "translated.pdf"
create_pdf(translated, out_file)
```

```
update.message.reply_document(open(out_file, "rb"))
```

```
TOKEN = os.environ.get("BOT_TOKEN")
updater = Updater(TOKEN, use_context=True)
dp = updater.dispatcher
dp.add_handler(MessageHandler(Filters.document.mime_type("application
/pdf"), handle_pdf))
```

```
updater.start_polling()
updater.idle()
```