

OCR + Translation Demo

This demo combines optical character recognition (OCR) with language translation using the Google translate API. **Note:** this application does not require a video camera. Instead, an input image is supplied in the demos directory (`foreign_text.png`).

1. On the STEM-Kit, open a command terminal window and change directory to demos

```
pi@raspberrypi:~ $ cd demos
pi@raspberrypi:~/demos $
```

2. Execute the demo script as shown below. After the command prompt [`$`] type the following:

```
~/demos $ python module-5-demo-ocr-translation.py
```

3. The script will launch a window that shows the input image below.
4. Type any key on the keyboard to process the image.
5. After a few seconds a new window will be displayed with the detected text and the English translation for each text block.
6. To exit the program, select the any key on the keyboard.

Buongiorno
Dobroye utro
Buna dimineata
God morgen
Guten Morgen