

1. Download GCC compiler into current folders [link](#)

- The file structure is shown as:
 - Projects
 - rknn-toolkit2
 - rknn_model_zoo
 - gcc-linaro-6.3.1-2017.05-x86_64_aarch64-linux-gnu

2. Add GCC compiler path to build-linux.sh

```
cd ~/rknn_model_zoo
nano build-linux.sh

# add this command to the header of build-linux.sh
GCC_COMPILER=Projects/gcc-linaro-6.3.1-2017.05-x86_64_aarch64-linux-
gnu/bin/aarch64-linux-gnu
```

3. Run build-linux.sh

```
bash ./build-linux.sh -t rk3588 -a aarch64 -d yolov5
# ./build-linux.sh -t <target> -a <arch> -d <build_demo_name> [-b
<build_type>] [-m]
```

4. Run yolov5 demo

```
cd ~/rknn_model_zoo/install/rk3588_linux_aarch64/rknn_yolov5_demo

# usage: ./rknn_yolov5_demo <model_path> <input_path>
./rknn_yolov5_demo model/yolov5s_relu.rknn model/bus.jpg
```

5. Result

