

# AirGesture

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Use gesture to play by AI

## Environment

- opencv-python
- pyAutogui
- requests
- flask
- hilens(Huawei only)

## Structure

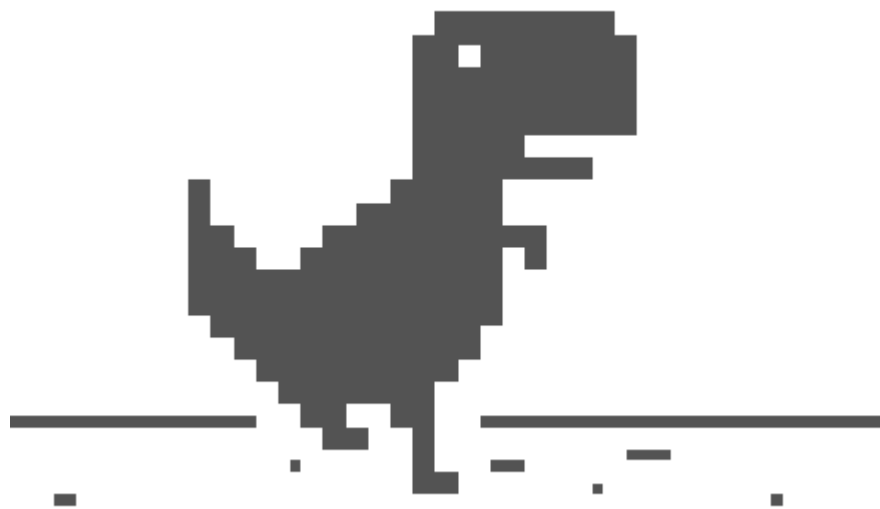
- main.py  
Main program run on Huawei Hilens Kits.
- server.py  
Get post message from Huawei Hilens Kits by flask.
- rgb2grey.py  
Convert RGB images to GREY images, but grey is only a single-channel image.
- getpicture.py  
Get dataset by self.(not finish)

## Run

- SSh Huawei Hilens kits, and deploy skill(`model.pd -> model.om && main.py`) on it.
- Run `server.py` on own computer to receive the post message from Huawei Hilens Kits.

## Test

- Paper && Rock  
[Video1](#)



- Dinosaur

[Video2](#)