

# Workshop Notes

## Preparation / Prerequisites

- Download ...
- Install ...
- Print ...

## Introduction

- The work of the EOLab Team → Current state of development
- Image Classification
- Object detection
- Mini drones with OD

Main Achievements → Own talks

- Tello SNAP Backend (Javascript backend, communication software interface, Wifi, client, binding to IP address), URL, eolab.de github
  - One drone has a default IP, it is in “station” mode (the drone is AP, AP mode), 192.168.10.1
  - Tello AP mode (client to Wifi), necessary for more than one drone in network and/or interaction with Jetson
- Tello SNAP! category (collection of SNAP! Javascript blocks), websocket interaction with the interface talking to the drone
- [https://wiki.eolab.de/doku.php?id=drones:mini\\_drones:snap\\_tello](https://wiki.eolab.de/doku.php?id=drones:mini_drones:snap_tello)

## Hands On

- Connect SNAP to the server in Nvidia Jetson
- Image classification game
- Object Detection ??

## Reflection

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<https://student-wiki.eolab.de/> - HSRW EOLab Students Wiki

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<https://student-wiki.eolab.de/doku.php?id=snapcon2022:presentation-notes&rev=1659368779>

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