Ground Truth Preparation

Folder: annotation\_preparation

* + Two types of annotation files have been used
    - elbit\_action\_instances\_train.pkl/ elbit\_action\_instances\_validation.pkl
    - elbit\_video\_annots\_train.pkl/elbit\_video\_annots\_validation.pkl
  + elbit\_action\_instances\_train.pkl/ elbit\_action\_instances\_validation.pkl
    - List of dictionaries
    - Each Dictionary Structure
      * Say the dictionary variable, instance\_dictionary = {}

Instance\_dictionary = {

‘annotation\_path’: “./annotations/'vlc-record-2019-08-20-06h37m17s-rtsp\_10.248.32.69\_RTP-Multicast\_pMediaProfile1-\_gt.txt'’

‘video\_path’: “./video\_frames/vlc-record-2019-08-20-06h37m17s-rtsp\_10.248.32.69\_RTP-Multicast\_pMediaProfile1-.avi”

‘action\_name’: ’walking’

‘instance\_id’: ’walking1’

‘start\_frame’: 712

‘end\_frame’: 1500,

‘frame\_bbox’:{

instance\_id:{

frame\_no: [xmin, ymin, xmax, ymax]

}

}

}

* + elbit\_video\_annots\_train.pkl/elbit\_video\_annots\_validation.pkl
    - Dictionary for each video.
    - For each video, each frame information is saved
    - The whole Dictionary structure:
      * Say the dictionary variable, video\_frame\_dictionary = {}

Video\_frame\_dictionary = {

video\_path:{

frame\_no:{

instance\_id: [xmin, ymin, xmax, ymax]

}

}

}