Back-End Server for DL

Deep Learning Engineer

Trained Weights

Update/Replace the weights on the DL server
eg.
darknet weights, config, classes

Transfer the server to the production environment and run it

Algorithm / Inference

Write your algorithm to do inference using the DL server mentioned

Draw the frame eg. Bounding Boxes, ID, data

Frame

Return data

DL Server

cv2.VideoWriter

ffserver

Stream out to ffmpeg?

Process Video?