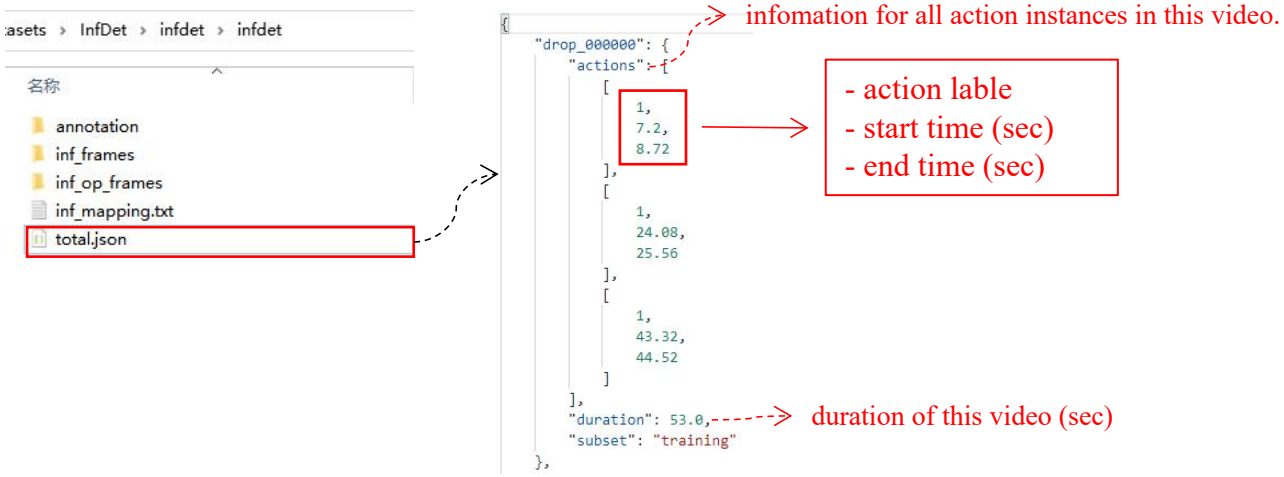
Step1: Generate the ****.json*** file using the following format (The file ***total.json*** is attached) . We only use this file for training. Files below folder ***annotations*** are used for *evaluation using THUMOS14_evalkit*.



Step2: Prepare your data, i. e., image frames and optical flow frames.

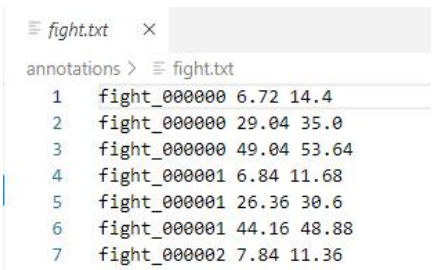
Example:

```
|
|--frames/
|    |--class_1/
|        |--00000.jpg
|        |--00001.jpg
|        ...
|--flow_frames/
|    |--class_1/
|        |--00000.jpg
|        |--00001.jpg
|        ...
```

Step3: Modify the corresponding code in ***train.py***:

model_file: path to save the trained model
rgb_model_file: pretrained weight of I3D (RGB).
flow_model_file: pretrained weight of I3D (Optical flow)
rgb_root: path of rgb frames
flow_root: path of optical flow frames
split_file: generated file in **Step1**

Please check other variables if needed.



Step4: Run training procedure following README of github. Before evaluation using *THUMOS14_evalkit*, you need to:

- Generate the annotations like fight.txt, which contains records with format 'file_name-start_time-end_time'.
- Define the 'inf_mapping.txt' for your dataset. It contains 'label-name-label' pairs like '1 drop 1'. The start number is 1.