Augment PASCAL VOC 2012 with ImageNet Images

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Motivation

- PASCAL images may not be good for training
  - Occlusion
  - Truncation
  - Biased viewpoint distribution
  - Biased subcategory distribution
- Selecting images for ImageNet
  - Clean images for training
  - More images for different viewpoints
  - More images for different subcategories
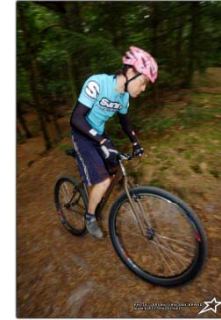
Aeroplane

airliner

fighter

propeller

others

Bicycle

mountain

race

tandem

others

Boat

cabin

cargo

cruise

rowing

sailing

others
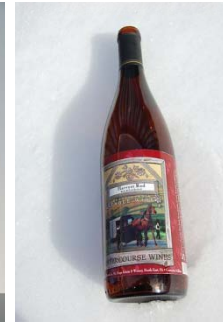
Bottle

beer

wine

ketchup

others

pop

water

Bus

double

long

school

others

Car

hatchback SUV

mini truck

minivan wagon

race others

sedan

Chair

folding

lounge

straight

swivel

others

Diningtable

ellipse

rectangle

round

square

others

Motorbike

cruiser

scooter

sport

trail

others

sofa

one

two

three

more

others

Train

bullet

steam

body
others

tvmonitor

tv

hdtv

CRT monitor

LCD monitor

others