

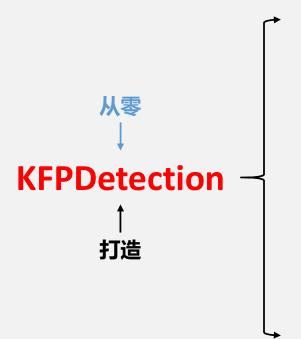
手把手帶你Coding

从零实现一个目标检测平台





KFPDetection目录

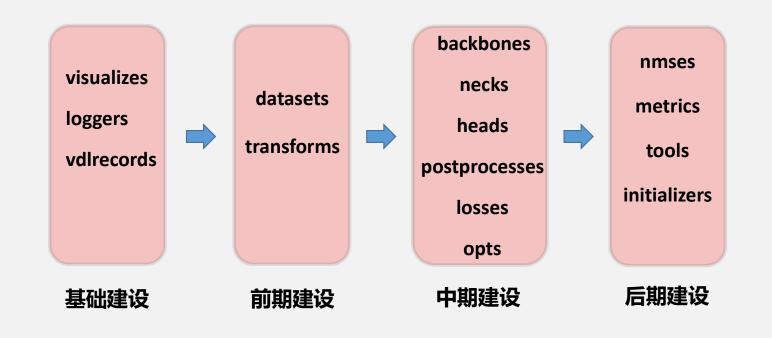


- architectures
- backbones
- datasets
- deploy
- heads
- initializers
- loggers
- losses
- metrics

- necks
- nmses
- opts
- postprocesses
- tests
- tools
- transforms
- vdlrecords
- visualizes

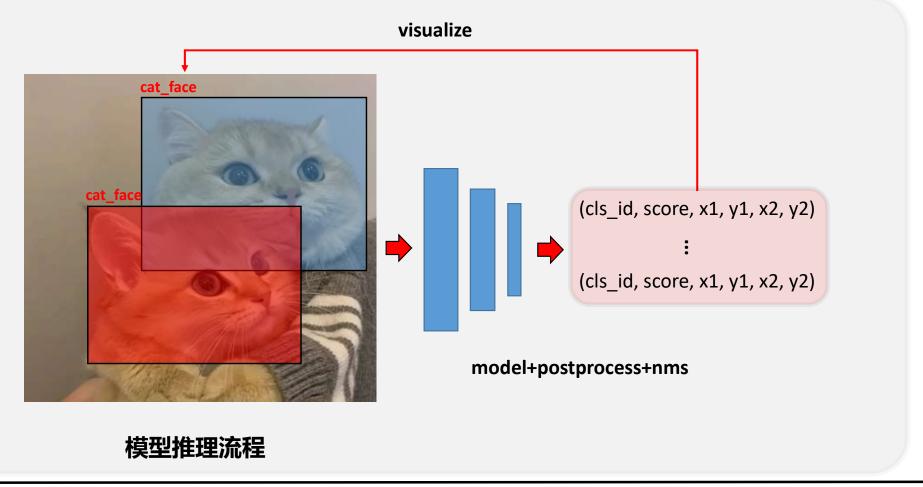


实现路线



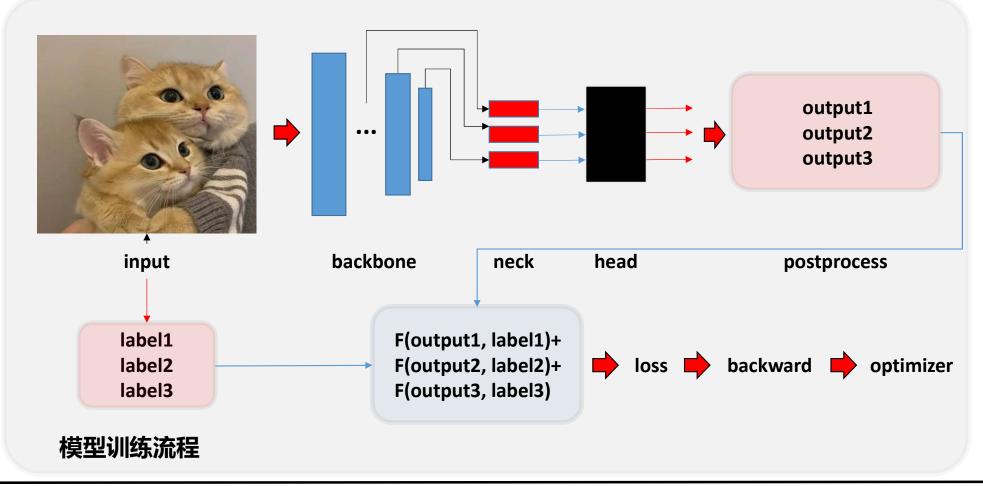


可视化推理效果依赖: visualizes



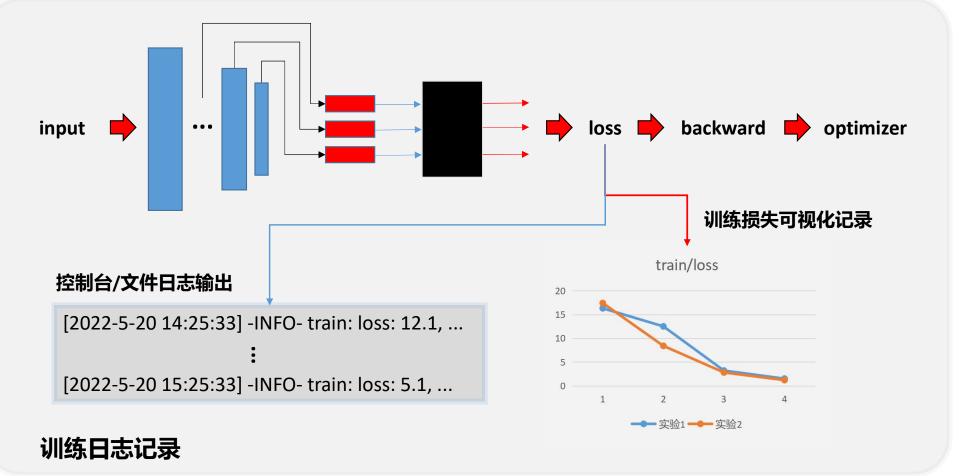


模型训练依赖: backbones, necks, heads, postprocess, losses, opts





日志信息记录依赖: loggers, vdlrecords



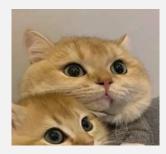


数据预处理依赖: transforms

origin



crop





resize





数据预处理/增强



brightness+gaussian



padding



数据集读取与加载依赖: datasets, transforms



COCO-Json VOC-xml



xml or json

解析xml/json 并编码图像数据 image_id: x

image: dtype-tensor

shape: (C, H, W)

shape: sequence

scale: (w_scale, h_scale)

bboxs: dtype-tensor

shape: (N, 4)

clases: dtype-tensor

shape: (N,)

scores: dtype-tensor

shape: (N,)

•••

数据集读取



教程更新说明

每周至少更新一节视频内容

免责声明

- ➤ 本教学实践内容参考了 PaddleDetection开源目标检 测套件项目
- ▶ 本教学仓库代码适用于 案例教学与学术研究,其 它用途不提供任何支持