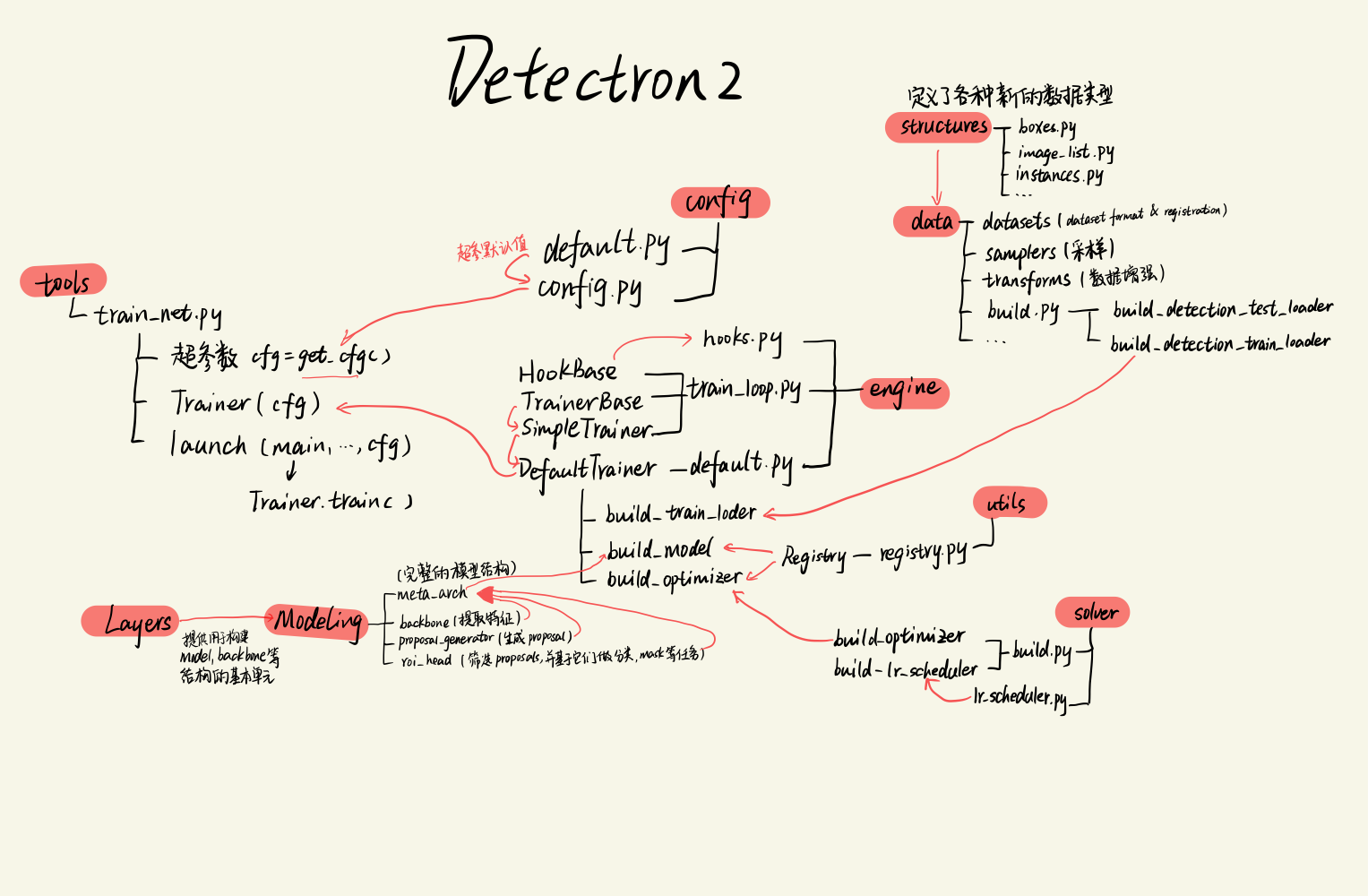
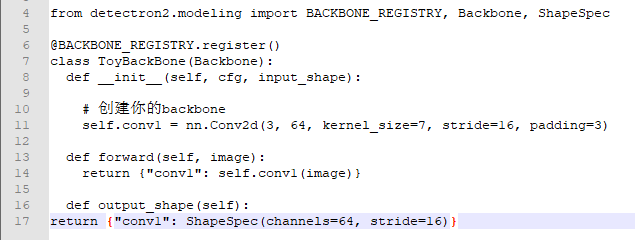
**Detectron2**

**一、网络结构**

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**二、添加新的主干网络**



**然后,可以在配置对象中使用cfg.MODEL.BACKBONE.NAME ='ToyBackBone'。build\_model(cfg)将调用你的ToyBackBone。**<https://www.eda365.com/article-146056-1.html>



1. **VoVNet2**

|  |  |  |
| --- | --- | --- |
| **Layer name** | **Output size** | **19-layer** |
| Stem-conv1  Stem-conv2  Stem-conv3 | H,W/ 2  —  H,W/ 4 | Conv 3\*64 k =3, s = 2, p = 1  Conv 64\*64 k =3, s= 1, p = 1  Conv 64\*128 k = 3, s=2, p = 1 |
|  | | |
| Stage2 | H,W/ 4 | Conv 128\*128, k=3,s=1,p =1  Conv 128\*128, k=3,s=1,p =1  Conv 128\*128, k=3,s=1,p =1 |
| Concat  eSE | Conv 512\*256,k=1,s=1,p =0  Avg\_pool + fc + Hsigmiod |
|  | | |
| Stage3 | H,W/8 | **MaxPool k =3,s=2,p =0**  Conv 256\*160, k=3,s=1,p =1  Conv 160\*160, k=3,s=1,p =1  Conv 160\*160, k=3,s=1,p =1 |
| Concat  eSE | Conv 736\*512,k=1,s=1,p =0  Avg\_pool + fc + Hsigmiod |
| Stage4 | H,W/16 | **MaxPool k =3,s=2,p =0**  Conv 512\*192, k=3,s=1,p =1  Conv 192\*192, k=3,s=1,p =1  Conv 192\*192, k=3,s=1,p =1 |
| Concat  eSE | Conv 1088\*768,k=1,s=1,p =0  Avg\_pool + fc + Hsigmiod |
| Maxpool  Stage5 | H,W/32 | **MaxPool k =3,s=2,p =0**  Conv 768\*224, k=3,s=1,p =1  Conv 224\*224, k=3,s=1,p =1  Conv 224\*224, k=3,s=1,p =1 |

