# insghtFace-gender-age mxnet 静态版使用说明文档 insightFace-gender-age symbol instrutions

### 1 标签格式 .lst

index + \t + gender + \t + age + \t + img\_name + \n

Code: train.lst val.lst

## 2 Rec idx 生成

采用 mxnet-tools-im2rec.py

#### command:

```
Python im2rec.py lst_root_path image_root_path --pack-label
```

All lst file in lst\_root\_path; all images in image\_root\_path.[default]

All lst file in lst\_root\_path; all images in image\_root\_path(Recursive directory), and img\_name = abs\_path + img\_name

#### 3 args

```
idef parse args():
parser = argparse.ArgumentParser(description='Train face network')
#_general
parser_add_argument('--data_dir', default=''./model/model', help='directory to save model.')
parser_add_argument('--prefrained', default='./model/model', help='directory to save model.')
parser_add_argument('--prefrained', default='./model/model', help='directory to save model.')
parser_add_argument('--gety', type=int, default=2, help='gety-ineckpoint_saving_option. 0: discard_saving_l: save_when_necessary_2: always_save')
parser_add_argument('--loss_type', type=int, default=2000, help='do_verification_testing_and_model_saving_every_verbose_batches')
parser_add_argument('--werbose', type=int, default=2000, help='max_training_poot_size_')
parser_add_argument('--end_epoot', type=int, default=0, help='network input_config')
parser_add_argument('--image_size', default='112,112', help='specify_input_image_height_and_width')
parser_add_argument('--version_input', typ==int, default=1, help='network input_config')
parser_add_argument('--version_output', type=str, default='iQaP', help='network embedding_output_config')
parser_add_argument('--wersion_output', type=float, default=1.0, help='state_learning_rate_'
parser_add_argument('--ln', type=float, default=0.0), help='state_learning_rate_'
parser_add_argument('--ln', type=float, default=0.0), help='state_learning_rate_'
parser_add_argument('--ln', type=float, default=0.0, help='state_learning_rate_'
parser_add_argument('--lob_mom', type=float, default=0.0, help='state_learning_rate_'
parser_add_argument('--pe_batch_size', type=int, default=0.0, help='state_learning_rate_'
parser_add_argument('--pe_batch_size', type=int, default=0.0, help='state_learning_rate_'
parser_add_argument('--color', type=float, default=0.0, help='state_learning_rate_'
parser_add_argument('--color', type=float, default=0.0, help='state_learning_rate_'
parser_add_argument('--rand_mirror', type=int, default=0.0,
```

Data\_dir: rec idx lst root\_path

## 4 注意 Bug

## 5 总结

使用 symbol 的 insghtface-gender-age,需要先生成 lst,再生成 rec idx,然后按照 步骤 3-4 修改,直接训练即可!!!