

# Log

李浩东 3190104890 完整运行的调试输出记录

```
1 2021-01-12 11:22:38.250234: W
  tensorflow/stream_executor/platform/default/dso_loader.cc:60] Could not
  load dynamic library 'cuda64_110.dll'; dlerror: cuda64_110.dll not
  found
2 2021-01-12 11:22:38.258260: I
  tensorflow/stream_executor/cuda/cuda_stub.cc:29] Ignore above cuda
  dlerror if you do not have a GPU set up on your machine.
3 unzip done!
4 Name 0 Arnold_Schwarzenegger
5 Name 1 Gloria_Macapagal_Arroyo
6 Name 2 Jacques_Chirac
7 Name 3 Jean_Chretien
8 Name 4 Jennifer_Capriati
9 Name 5 John_Ashcroft
10 Name 6 Lleyton_Hewitt
11 Name 7 Luiz_Inacio_Lula_da_Silva
12 Name 8 Serena_Williams
13 Name 9 Vladimir_Putin
14 face information documentation done!
15 image data x_train, y_train, x_test, y_test done!
16 x_train reading image data, current position: 0
17 x_train reading image data, current position: 1
18 x_train reading image data, current position: 2
19 x_train reading image data, current position: 3
20 x_train reading image data, current position: 4
21 x_train reading image data, current position: 5
22 x_train reading image data, current position: 6
23 x_train reading image data, current position: 7
24 x_train reading image data, current position: 8
25 x_train reading image data, current position: 9
26 x_train reading image data, current position: 10
27 x_train reading image data, current position: 11
28 x_train reading image data, current position: 12
29 x_train reading image data, current position: 13
30 x_train reading image data, current position: 14
31 x_train reading image data, current position: 15
32 x_train reading image data, current position: 16
33 x_train reading image data, current position: 17
34 x_train reading image data, current position: 18
35 x_train reading image data, current position: 19
36 x_train reading image data, current position: 20
37 x_train reading image data, current position: 21
38 x_train reading image data, current position: 22
39 x_train reading image data, current position: 23
40 x_train reading image data, current position: 24
41 x_train reading image data, current position: 25
42 x_train reading image data, current position: 26
43 x_train reading image data, current position: 27
44 x_train reading image data, current position: 28
45 x_train reading image data, current position: 29
```

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]



```
336 x_train reading image data, current position: 320
337 x_train reading image data, current position: 321
338 x_train reading image data, current position: 322
339 x_train reading image data, current position: 323
340 x_train reading image data, current position: 324
341 x_train reading image data, current position: 325
342 x_train reading image data, current position: 326
343 x_train reading image data, current position: 327
344 x_train reading image data, current position: 328
345 x_train reading image data, current position: 329
346 x_train reading image data, current position: 330
347 x_train reading image data, current position: 331
348 x_train reading image data, current position: 332
349 x_train reading image data, current position: 333
350 x_train reading image data, current position: 334
351 x_train reading image data, current position: 335
352 x_train reading image data, current position: 336
353 x_train reading image data, current position: 337
354 x_train reading image data, current position: 338
355 x_train reading image data, current position: 339
356 x_train reading image data, current position: 340
357 x_train reading image data, current position: 341
358 x_train reading image data, current position: 342
359 x_train reading image data, current position: 343
360 x_train reading image data, current position: 344
361 x_train reading image data, current position: 345
362 x_train reading image data, current position: 346
363 x_train reading image data, current position: 347
364 x_train reading image data, current position: 348
365 x_train reading image data, current position: 349
366 x_train reading image data, current position: 350
367 x_train reading image data, current position: 351
368 x_train reading image data, current position: 352
369 x_train reading image data, current position: 353
370 x_train reading image data, current position: 354
371 x_train reading image data, current position: 355
372 x_train reading image data, current position: 356
373 x_train reading image data, current position: 357
374 x_train reading image data, current position: 358
375 x_train reading image data, current position: 359
376 x_train reading image data, current position: 360
377 x_train reading image data, current position: 361
378 x_train reading image data, current position: 362
379 x_train reading image data, current position: 363
380 x_train reading image data, current position: 364
381 x_train reading image data, current position: 365
382 x_train reading image data, current position: 366
383 x_train reading image data, current position: 367
384 x_train reading image data, current position: 368
385 x_train reading image data, current position: 369
386 x_train.shape is: (370, 250, 250)
387 x_test reading image data, current position: 0
388 x_test reading image data, current position: 1
389 x_test reading image data, current position: 2
390 x_test reading image data, current position: 3
391 x_test reading image data, current position: 4
392 x_test reading image data, current position: 5
393 x_test reading image data, current position: 6
```

[illegible]



```
452 x_test reading image data, current position: 65
453 x_test reading image data, current position: 66
454 x_test reading image data, current position: 67
455 x_test reading image data, current position: 68
456 x_test reading image data, current position: 69
457 x_test reading image data, current position: 70
458 x_test reading image data, current position: 71
459 x_test reading image data, current position: 72
460 x_test reading image data, current position: 73
461 x_test reading image data, current position: 74
462 x_test reading image data, current position: 75
463 x_test reading image data, current position: 76
464 x_test reading image data, current position: 77
465 x_test reading image data, current position: 78
466 x_test reading image data, current position: 79
467 x_test reading image data, current position: 80
468 x_test reading image data, current position: 81
469 x_test reading image data, current position: 82
470 x_test reading image data, current position: 83
471 x_test reading image data, current position: 84
472 x_test reading image data, current position: 85
473 x_test reading image data, current position: 86
474 x_test reading image data, current position: 87
475 x_test reading image data, current position: 88
476 x_test reading image data, current position: 89
477 x_test reading image data, current position: 90
478 x_test reading image data, current position: 91
479 x_test reading image data, current position: 92
480 x_test reading image data, current position: 93
481 x_test reading image data, current position: 94
482 x_test reading image data, current position: 95
483 x_test reading image data, current position: 96
484 x_test reading image data, current position: 97
485 x_test reading image data, current position: 98
486 x_test reading image data, current position: 99
487 x_test reading image data, current position: 100
488 x_test reading image data, current position: 101
489 x_test reading image data, current position: 102
490 x_test reading image data, current position: 103
491 x_test reading image data, current position: 104
492 x_test reading image data, current position: 105
493 x_test reading image data, current position: 106
494 x_test reading image data, current position: 107
495 image read done!
496 x_train.shape is: (370, 250, 250, 1)
497 2021-01-12 11:25:41.504503: I tensorflow/compiler/jit/xla_cpu_device.cc:41]
Not creating XLA devices, tf_xla_enable_xla_devices not set
498 2021-01-12 11:25:41.547522: W
tensorflow/stream_executor/platform/default/dso_loader.cc:60] Could not
load dynamic library 'nvcuda.dll'; dLError: nvcuda.dll not found
499 2021-01-12 11:25:41.557085: W
tensorflow/stream_executor/cuda/cuda_driver.cc:326] failed call to cuInit:
UNKNOWN ERROR (303)
500 2021-01-12 11:25:41.565817: I
tensorflow/stream_executor/cuda/cuda_diagnostics.cc:169] retrieving CUDA
diagnostic information for host: LHD
501 2021-01-12 11:25:41.566112: I
tensorflow/stream_executor/cuda/cuda_diagnostics.cc:176] hostname: LHD
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502 2021-01-12 11:25:41.601788: I
tensorflow/core/platform/cpu_feature_guard.cc:142] This TensorFlow binary
is optimized with oneAPI Deep Neural Network Library (oneDNN) to use the
following CPU instructions in performance-critical operations: AVX2
503 To enable them in other operations, rebuild TensorFlow with the appropriate
compiler flags.
504 2021-01-12 11:25:41.629735: I tensorflow/compiler/jit/xla_gpu_device.cc:99]
Not creating XLA devices, tf_xla_enable_xla_devices not set
505 F:\Python3.8\lib\site-
packages\tensorflow\python\keras\engine\training.py:1844: UserWarning:
`Model.fit_generator` is deprecated and will be removed in a future
version. Please use `Model.fit`, which supports generators.
506 warnings.warn("`Model.fit_generator` is deprecated and '
507 2021-01-12 11:25:43.795094: I
tensorflow/compiler/mlir/mlir_graph_optimization_pass.cc:116] None of the
MLIR optimization passes are enabled (registered 2)
508 Epoch 1/50
509 2021-01-12 11:25:45.727808: w
tensorflow/core/framework/cpu_allocator_impl.cc:80] Allocation of 991494144
exceeds 10% of free system memory.
510 2021-01-12 11:25:47.103902: w
tensorflow/core/framework/cpu_allocator_impl.cc:80] Allocation of 464027648
exceeds 10% of free system memory.
511 2021-01-12 11:25:53.941881: w
tensorflow/core/framework/cpu_allocator_impl.cc:80] Allocation of 464027648
exceeds 10% of free system memory.
512 2021-01-12 11:25:57.922458: w
tensorflow/core/framework/cpu_allocator_impl.cc:80] Allocation of 495747072
exceeds 10% of free system memory.
513 2021-01-12 11:25:57.922816: w
tensorflow/core/framework/cpu_allocator_impl.cc:80] Allocation of 991494144
exceeds 10% of free system memory.
514 3/3 [=====] - 67s 22s/step - loss: 3.9685 -
accuracy: 0.0895 - val_loss: 2.4397 - val_accuracy: 0.0741
515 Epoch 2/50
516 3/3 [=====] - 37s 13s/step - loss: 2.4262 -
accuracy: 0.1042 - val_loss: 2.3443 - val_accuracy: 0.1111
517 Epoch 3/50
518 3/3 [=====] - 44s 17s/step - loss: 2.3436 -
accuracy: 0.1494 - val_loss: 2.3003 - val_accuracy: 0.1759
519 Epoch 4/50
520 3/3 [=====] - 40s 13s/step - loss: 2.3081 -
accuracy: 0.1119 - val_loss: 2.1837 - val_accuracy: 0.2407
521 Epoch 5/50
522 3/3 [=====] - 36s 13s/step - loss: 2.2545 -
accuracy: 0.1875 - val_loss: 2.1316 - val_accuracy: 0.3611
523 Epoch 6/50
524 3/3 [=====] - 36s 12s/step - loss: 2.2014 -
accuracy: 0.2168 - val_loss: 1.9995 - val_accuracy: 0.3333
525 Epoch 7/50
526 3/3 [=====] - 36s 12s/step - loss: 2.1276 -
accuracy: 0.1948 - val_loss: 1.9293 - val_accuracy: 0.3333
527 Epoch 8/50
528 3/3 [=====] - 36s 12s/step - loss: 2.0463 -
accuracy: 0.2437 - val_loss: 1.8508 - val_accuracy: 0.3148
529 Epoch 9/50
530 3/3 [=====] - 35s 12s/step - loss: 1.9928 -
accuracy: 0.2650 - val_loss: 1.7895 - val_accuracy: 0.3796
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531 Epoch 10/50
532 3/3 [=====] - 37s 13s/step - loss: 2.0066 -
    accuracy: 0.2413 - val_loss: 1.7698 - val_accuracy: 0.4444
533 Epoch 11/50
534 3/3 [=====] - 37s 13s/step - loss: 1.9482 -
    accuracy: 0.2970 - val_loss: 1.7200 - val_accuracy: 0.4259
535 Epoch 12/50
536 3/3 [=====] - 36s 12s/step - loss: 1.9218 -
    accuracy: 0.2857 - val_loss: 1.6615 - val_accuracy: 0.4352
537 Epoch 13/50
538 3/3 [=====] - 36s 12s/step - loss: 1.8474 -
    accuracy: 0.3528 - val_loss: 1.6287 - val_accuracy: 0.4352
539 Epoch 14/50
540 3/3 [=====] - 36s 12s/step - loss: 1.8177 -
    accuracy: 0.3267 - val_loss: 1.5764 - val_accuracy: 0.4537
541 Epoch 15/50
542 3/3 [=====] - 36s 12s/step - loss: 1.7453 -
    accuracy: 0.3773 - val_loss: 1.5005 - val_accuracy: 0.5093
543 Epoch 16/50
544 3/3 [=====] - 36s 12s/step - loss: 1.7847 -
    accuracy: 0.3659 - val_loss: 1.7204 - val_accuracy: 0.3889
545 Epoch 17/50
546 3/3 [=====] - 36s 12s/step - loss: 1.7091 -
    accuracy: 0.4327 - val_loss: 1.4365 - val_accuracy: 0.4537
547 Epoch 18/50
548 3/3 [=====] - 36s 13s/step - loss: 1.7207 -
    accuracy: 0.4075 - val_loss: 1.5732 - val_accuracy: 0.4444
549 Epoch 19/50
550 3/3 [=====] - 36s 12s/step - loss: 1.7284 -
    accuracy: 0.3627 - val_loss: 1.4387 - val_accuracy: 0.4815
551 Epoch 20/50
552 3/3 [=====] - 36s 13s/step - loss: 1.7106 -
    accuracy: 0.4020 - val_loss: 1.4505 - val_accuracy: 0.4722
553 Epoch 21/50
554 3/3 [=====] - 36s 12s/step - loss: 1.5497 -
    accuracy: 0.4645 - val_loss: 1.3334 - val_accuracy: 0.5185
555 Epoch 22/50
556 3/3 [=====] - 36s 12s/step - loss: 1.5157 -
    accuracy: 0.4753 - val_loss: 1.3766 - val_accuracy: 0.5278
557 Epoch 23/50
558 3/3 [=====] - 36s 12s/step - loss: 1.5653 -
    accuracy: 0.4377 - val_loss: 1.3326 - val_accuracy: 0.5000
559 Epoch 24/50
560 3/3 [=====] - 36s 12s/step - loss: 1.5540 -
    accuracy: 0.4757 - val_loss: 1.3013 - val_accuracy: 0.5185
561 Epoch 25/50
562 3/3 [=====] - 36s 12s/step - loss: 1.3913 -
    accuracy: 0.4545 - val_loss: 1.4265 - val_accuracy: 0.4815
563 Epoch 26/50
564 3/3 [=====] - 36s 12s/step - loss: 1.3534 -
    accuracy: 0.5233 - val_loss: 1.3394 - val_accuracy: 0.5185
565 Epoch 27/50
566 3/3 [=====] - 36s 12s/step - loss: 1.3613 -
    accuracy: 0.5189 - val_loss: 1.4063 - val_accuracy: 0.5185
567 Epoch 28/50
568 3/3 [=====] - 36s 13s/step - loss: 1.5028 -
    accuracy: 0.4746 - val_loss: 1.5025 - val_accuracy: 0.5093
569 Epoch 29/50
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570 3/3 [=====] - 36s 12s/step - loss: 1.2596 -  
    accuracy: 0.5430 - val_loss: 1.1758 - val_accuracy: 0.6019  
571 Epoch 30/50  
572 3/3 [=====] - 36s 12s/step - loss: 1.3063 -  
    accuracy: 0.5499 - val_loss: 1.3817 - val_accuracy: 0.5556  
573 Epoch 31/50  
574 3/3 [=====] - 36s 13s/step - loss: 1.1991 -  
    accuracy: 0.5792 - val_loss: 1.1501 - val_accuracy: 0.6204  
575 Epoch 32/50  
576 3/3 [=====] - 36s 12s/step - loss: 1.2184 -  
    accuracy: 0.5593 - val_loss: 1.2369 - val_accuracy: 0.5556  
577 Epoch 33/50  
578 3/3 [=====] - 36s 13s/step - loss: 1.1921 -  
    accuracy: 0.5895 - val_loss: 1.2480 - val_accuracy: 0.5926  
579 Epoch 34/50  
580 3/3 [=====] - 36s 13s/step - loss: 1.2150 -  
    accuracy: 0.5662 - val_loss: 1.2170 - val_accuracy: 0.5926  
581 Epoch 35/50  
582 3/3 [=====] - 38s 12s/step - loss: 1.1829 -  
    accuracy: 0.5671 - val_loss: 1.1749 - val_accuracy: 0.6296  
583 Epoch 36/50  
584 3/3 [=====] - 36s 12s/step - loss: 1.0860 -  
    accuracy: 0.6304 - val_loss: 1.2431 - val_accuracy: 0.6111  
585 Epoch 37/50  
586 3/3 [=====] - 36s 12s/step - loss: 1.1135 -  
    accuracy: 0.6102 - val_loss: 1.3239 - val_accuracy: 0.5370  
587 Epoch 38/50  
588 3/3 [=====] - 36s 13s/step - loss: 1.0346 -  
    accuracy: 0.6213 - val_loss: 1.1729 - val_accuracy: 0.6296  
589 Epoch 39/50  
590 3/3 [=====] - 36s 12s/step - loss: 1.0501 -  
    accuracy: 0.6212 - val_loss: 1.2579 - val_accuracy: 0.5833  
591 Epoch 40/50  
592 3/3 [=====] - 36s 12s/step - loss: 0.9953 -  
    accuracy: 0.6653 - val_loss: 1.1223 - val_accuracy: 0.5833  
593 Epoch 41/50  
594 3/3 [=====] - 36s 13s/step - loss: 0.9066 -  
    accuracy: 0.6659 - val_loss: 1.2650 - val_accuracy: 0.5741  
595 Epoch 42/50  
596 3/3 [=====] - 36s 13s/step - loss: 0.9148 -  
    accuracy: 0.6963 - val_loss: 1.3194 - val_accuracy: 0.5648  
597 Epoch 43/50  
598 3/3 [=====] - 39s 14s/step - loss: 0.8587 -  
    accuracy: 0.6921 - val_loss: 1.3269 - val_accuracy: 0.5370  
599 Epoch 44/50  
600 3/3 [=====] - 37s 12s/step - loss: 0.8585 -  
    accuracy: 0.6719 - val_loss: 1.1421 - val_accuracy: 0.6204  
601 Epoch 45/50  
602 3/3 [=====] - 36s 13s/step - loss: 0.8352 -  
    accuracy: 0.6953 - val_loss: 1.4668 - val_accuracy: 0.5370  
603 Epoch 46/50  
604 3/3 [=====] - 36s 12s/step - loss: 0.8018 -  
    accuracy: 0.7467 - val_loss: 1.2125 - val_accuracy: 0.5833  
605 Epoch 47/50  
606 3/3 [=====] - 36s 13s/step - loss: 0.8301 -  
    accuracy: 0.7185 - val_loss: 1.1108 - val_accuracy: 0.6389  
607 Epoch 48/50
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608 3/3 [=====] - 36s 13s/step - loss: 0.8352 -
    accuracy: 0.7129 - val_loss: 1.2419 - val_accuracy: 0.5741
609 Epoch 49/50
610 3/3 [=====] - 36s 13s/step - loss: 0.8504 -
    accuracy: 0.6949 - val_loss: 1.2088 - val_accuracy: 0.5556
611 Epoch 50/50
612 3/3 [=====] - 37s 13s/step - loss: 0.7513 -
    accuracy: 0.7483 - val_loss: 1.1850 - val_accuracy: 0.5741
613 4/4 [=====] - 2s 529ms/step - loss: 1.1850 -
    accuracy: 0.5741
614 acc 0.5740740895271301
615 Saved trained model at ./modelsave\model50_0.5740740895271301.h5
616 train model done!
617
618 Process finished with exit code 0
619

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