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D:\Anaconda\python.exe "D:/PyCharm 2022.2.3/plugins/python/helpers/pydev/pydevconsole.py" --mode=client --host=127.0.0.1 --port=4094

import sys; print('Python %s on %s' % (sys.version, sys.platform))
sys.path.extend(['E:\\Study\\Code\\PycharmProjects\\MachineVision'])

Python 3.8.8 (default, Apr 13 2021, 15:08:03) [MSC v.1916 64 bit (AMD64)]
Type 'copyright', 'credits' or 'license' for more information
IPython 7.22.0 -- An enhanced Interactive Python. Type '?' for help.
PyDev console: using IPython 7.22.0

Python 3.8.8 (default, Apr 13 2021, 15:08:03) [MSC v.1916 64 bit (AMD64)] on win32
In [2]: runfile('E:\\Study\\Code\\PycharmProjects\\MachineVision\\ARID_v1-master\\ARID_v1-master\\train_arid11.py', wdir='E:\\Study\\Code\\PycharmProjects\\MachineVision\\ARID_v1-master\\ARID_v1-master')
2022-10-24 00:47:09: Using pytorch 1.12.1 (['D:\\Anaconda\\lib\\site-packages\\torch'])
2022-10-24 00:47:09: Start training with args:
{
    "backend": "nccl",
    "batch_size": 2,
    "clip_length": 16,
    "dataset": "ARID",
    "debug_mode": true,
    "dist_url": "tcp://192.168.0.11:23456",
    "end_epoch": 50,
    "fine_tune": true,
    "gpus": "0,1,2,3,4,5,6,7",
    "is_dark": false,
    "log_file": "./exps/logs/ARID_v1-master_at-MyPC.log",
    "lr_base": 0.01,
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    "lr_factor": 0.1,
    "lr_steps": [
        20000,
        40000,
        80000
    ],
    "model_dir": "./exps/models/archive",
    "model_prefix": "./exps/models/archive\\ARID_v1-master",
    "network": "RESNET",
    "pretrained_2d": true,
    "pretrained_3d": null,
    "random_seed": 1,
    "resume_epoch": -1,
    "save_frequency": 1,
    "segments": 1,
    "task_name": "ARID_v1-master",
    "train_frame_interval": 2,
    "use_flow": false,
    "use_segments": false,
    "val_frame_interval": 2,
    "world_size": 1
}
2022-10-24 00:47:10: Target dataset: 'ARID', configs: {'num_classes': 11}
D:\Anaconda\lib\site-packages\torchvision\models\_utils.py:208: UserWarning: The parameter 'pretrained' is deprecated since 0.13 and will be removed in 0.15, please use 'weights' instead.
  warnings.warn(
D:\Anaconda\lib\site-packages\torchvision\models\_utils.py:223: UserWarning: Arguments other than a weight enum or `None` for 'weights' are deprecated since 0.13 and will be removed in 0.15. The current behavior is equivalent to passing `weights=None`.
  warnings.warn(msg)
2022-10-24 00:47:10: Initializer:: 'BasicStem' is uninitialized.
2022-10-24 00:47:10: Initializer:: 'AdaptiveAvgPool3d' is uninitialized.
2022-10-24 00:47:10: Initializer:: 'VideoResNet' is
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57 uninitialized.
58 2022-10-24 00:47:10: Network:: graph initialized,
   loading pretrained model: `E:\Study\Code\
   PycharmProjects\MachineVision\ARID_v1-master\ARID_v1-
   master\network\r3d_18-b3b3357e.pth'
59 2022-10-24 00:47:11: There are layers in current
   network not initialized by pretrained
60 2022-10-24 00:47:11: >> Failed to load: ['fc.weight
   ', 'fc.bias']
61 2022-10-24 00:47:11: loading network configs of:
   RESNET
62 2022-10-24 00:47:11: Preprocessing:: using default
   mean & std from Kinetics original.
63 2022-10-24 00:47:11: data:: {'mean': [0.43216, 0.
   394666, 0.37645], 'std': [0.22803, 0.22145, 0.216989
   ]}
64 2022-10-24 00:47:11: VideoIter:: clip_length = 16,
   interval = [train: 2, val: 2], seed = 101
65 2022-10-24 00:47:11: VideoIter:: >> `check_video' is
   off, `tolerant_corrupted_video' is automatically
   activated.
66 2022-10-24 00:47:11: VideoIter:: found 750 videos in
    `./dataset/ARID\raw\list_cvt\train.txt'
67 2022-10-24 00:47:11: VideoIter:: iterator initialized
    (phase: 'train', num: 750)
68 2022-10-24 00:47:11: VideoIter:: >> `check_video' is
   off, `tolerant_corrupted_video' is automatically
   activated.
69 2022-10-24 00:47:11: VideoIter:: found 320 videos in
    `./dataset/ARID\raw\list_cvt\validate.txt'
70 2022-10-24 00:47:11: VideoIter:: iterator initialized
    (phase: 'test', num: 320)
71 2022-10-24 00:47:11: Optimizer:: >> recuding the
   learning rate of 62 params: ['resnet.stem.0.weight
   ', 'resnet.stem.1.weight', 'resnet.stem.1.bias', '
   resnet.layer1.0.conv1.0.weight', 'resnet.layer1.0.
   conv1.1.weight', 'resnet.lay ... nv1.1.bias', 'resnet
   .layer4.1.conv2.0.weight', 'resnet.layer4.1.conv2.1.
   weight', 'resnet.layer4.1.conv2.1.bias', 'resnet.fc.
   weight', 'resnet.fc.bias']
72 2022-10-24 00:47:11: Iter 0: start with learning rate
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72 : 1.00000e-02 (next lr step: 10000)
73 2022-10-24 00:47:11: Start epoch 0:
74 2022-10-24 00:47:31: Epoch [0]   Batch [0]    Speed
      0.1 (+ 0) sample/sec  loss-ce = 2.66352, top1 = 0
   .00000, top5 = 0.50000
75 2022-10-24 00:48:57: Epoch [0]   Batch [50]   Speed
      1.2 (+ 0) sample/sec  loss-ce = 2.55802, top1 = 0
   .10000, top5 = 0.55000
76 2022-10-24 00:50:24: Epoch [0]   Batch [100]  Speed
      1.2 (+ 0) sample/sec  loss-ce = 2.44271, top1 = 0
   .12000, top5 = 0.59000
77 2022-10-24 00:51:50: Epoch [0]   Batch [150]  Speed
      1.2 (+ 0) sample/sec  loss-ce = 2.47506, top1 = 0
   .09000, top5 = 0.59000
78 2022-10-24 00:53:17: Epoch [0]   Batch [200]  Speed
      1.2 (+ 0) sample/sec  loss-ce = 2.46447, top1 = 0
   .17000, top5 = 0.61000
79 2022-10-24 00:54:43: Epoch [0]   Batch [250]  Speed
      1.2 (+ 0) sample/sec  loss-ce = 2.40331, top1 = 0
   .20000, top5 = 0.67000
80 2022-10-24 00:56:10: Epoch [0]   Batch [300]  Speed
      1.2 (+ 0) sample/sec  loss-ce = 2.62397, top1 = 0
   .17000, top5 = 0.65000
81 2022-10-24 00:57:37: Epoch [0]   Batch [350]  Speed
      1.2 (+ 0) sample/sec  loss-ce = 2.33862, top1 = 0
   .18000, top5 = 0.62000
82 2022-10-24 00:58:19: Epoch [0]   time cost: 667.95
   sec (0.19 h)
83 2022-10-24 00:58:21: Checkpoint (model & optimizer)
   saved to: ./exps/models/archive\ARID_v1-master_ep-
   0001.pth
84 2022-10-24 00:58:21: Start evaluating epoch 0:
85 2022-10-24 01:00:02: Epoch [0]   Batch [159]  Speed
      3.2 (+ 1) sample/sec  loss-ce = 4.44092, top1 = 0
   .12812, top5 = 0.67500
86 2022-10-24 01:00:02: Current best epoch found with
   top5 accuracy 0.67500 at epoch 1, saved
87 2022-10-24 01:00:02: Current best epoch found with
   top1 accuracy 0.12812 at epoch 1, saved
88 2022-10-24 01:00:02: Start epoch 1:
89 2022-10-24 01:00:19: Epoch [1]   Batch [0]    Speed
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 89    0.1 (+ 1) sample/sec  loss-ce = 2.85363, top1 = 0
    .00000, top5 = 0.50000
 90 2022-10-24 01:01:45: Epoch [1]   Batch [50]   Speed
       1.2 (+ 0) sample/sec  loss-ce = 2.30000, top1 = 0
    .13000, top5 = 0.74000
 91 2022-10-24 01:03:10: Epoch [1]   Batch [100]  Speed
       1.2 (+ 0) sample/sec  loss-ce = 2.36827, top1 = 0
    .17000, top5 = 0.65000
 92 2022-10-24 01:04:37: Epoch [1]   Batch [150]  Speed
       1.2 (+ 0) sample/sec  loss-ce = 2.04732, top1 = 0
    .26000, top5 = 0.79000
 93 2022-10-24 01:06:04: Epoch [1]   Batch [200]  Speed
       1.1 (+ 0) sample/sec  loss-ce = 1.95650, top1 = 0
    .30000, top5 = 0.80000
 94 2022-10-24 01:07:32: Epoch [1]   Batch [250]  Speed
       1.1 (+ 0) sample/sec  loss-ce = 1.92738, top1 = 0
    .36000, top5 = 0.79000
 95 2022-10-24 01:08:59: Epoch [1]   Batch [300]  Speed
       1.1 (+ 0) sample/sec  loss-ce = 1.87386, top1 = 0
    .43000, top5 = 0.79000
 96 2022-10-24 01:10:27: Epoch [1]   Batch [350]  Speed
       1.1 (+ 0) sample/sec  loss-ce = 1.98297, top1 = 0
    .32000, top5 = 0.80000
 97 2022-10-24 01:11:09: Epoch [1]   time cost: 666.45
    sec (0.19 h)
 98 2022-10-24 01:11:09: Checkpoint (model & optimizer)
    saved to: ./exps/models/archive\ARID_v1-master_ep-
    0002.pth
 99 2022-10-24 01:11:09: Start evaluating epoch 1:
100 2022-10-24 01:12:57: Epoch [1]   Batch [159]  Speed
       3.0 (+ 1) sample/sec  loss-ce = 3.07272, top1 = 0
    .25938, top5 = 0.85313
101 2022-10-24 01:12:57: Current best epoch found with
    top5 accuracy 0.85313 at epoch 2, saved
102 2022-10-24 01:12:57: Current best epoch found with
    top1 accuracy 0.25938 at epoch 2, saved
103 2022-10-24 01:12:57: Start epoch 2:
104 2022-10-24 01:13:15: Epoch [2]   Batch [0]    Speed
       0.1 (+ 1) sample/sec  loss-ce = 2.12349, top1 = 0
    .50000, top5 = 0.50000
105
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