Using TensorFlow backend.		_env/bin/python3 -u /tmp/pycharm_proj	•
W A R N I		s o r f l o w s/tensorflow/python/keras/initializers.py:	From
		with distribution=normal is deprecated	_
future version.	tensornow.pythom.ops.mit_ops/ w	with distribution-normal is deprecated	and will be removed in a
Instructions for updating:			
`normal` is a deprecated alias	for `truncated_normal`		
-			
Layer (type)	Output Shape Param #		
input_1 (InputLayer)	(None, 288, 480, 4) 0		
conv2d (Conv2D)	(None, 288, 480, 64) 2368	input_1[0][0]	
conv2d_1 (Conv2D)	(None, 288, 480, 64) 36928		
max_pooling2d (MaxPooling2D)	(None, 144, 240, 64) 0		
conv2d_2 (Conv2D)	(None, 144, 240, 128 73856		
conv2d_3 (Conv2D)	(None, 144, 240, 128 147584		
max_pooling2d_1 (MaxPooling2)	D) (None, 72, 120, 128) 0		
	(None, 72, 120, 256) 295168	max_pooling2d_1[0][0]	

conv2d_5 (Conv2D)	(None, 72, 120, 256) 590080	conv2d_4[0][0]
max_pooling2d_2 (MaxPooling2D) (None, 36, 60, 256) 0	
	(None, 36, 60, 512) 1180160	max_pooling2d_2[0][0]
conv2d_7 (Conv2D)	(None, 36, 60, 512) 2359808	
dropout (Dropout)	(None, 36, 60, 512) 0	
max_pooling2d_3 (MaxPooling2D		dropout[0][0]
conv2d_8 (Conv2D)	(None, 18, 30, 1024) 4719616	max_pooling2d_3[0][0]
conv2d_9 (Conv2D)	(None, 18, 30, 1024) 9438208	
dropout_1 (Dropout)	(None, 18, 30, 1024) 0	conv2d_9[0][0]
up_sampling2d (UpSampling2D)	(None, 36, 60, 1024) 0	dropout_1[0][0]
conv2d_10 (Conv2D)	(None, 36, 60, 512) 2097664	
concatenate (Concatenate)	(None, 36, 60, 1024) 0	dropout[0][0] conv2d_10[0][0]

conv2d_11 (Conv2D)	(None, 36, 60, 512) 4719104	concatenate[0][0]
conv2d_12 (Conv2D)	(None, 36, 60, 512) 2359808	
up_sampling2d_1 (UpSampling2D) (None, 72, 120, 512) 0	
conv2d_13 (Conv2D)	(None, 72, 120, 256) 524544	
concatenate_1 (Concatenate)	(None, 72, 120, 512) 0	conv2d_5[0][0] conv2d_13[0][0]
conv2d_14 (Conv2D)	(None, 72, 120, 256) 1179904	concatenate_1[0][0]
conv2d_15 (Conv2D)	(None, 72, 120, 256) 590080	
up_sampling2d_2 (UpSampling2D) (None, 144, 240, 256 0	
conv2d_16 (Conv2D)	(None, 144, 240, 128 131200	
concatenate_2 (Concatenate)	(None, 144, 240, 256 0	
conv2d_17 (Conv2D)	(None, 144, 240, 128 295040	
conv2d_18 (Conv2D)	(None, 144, 240, 128 147584	

up_sampling2d_3 (UpSampling2D)) (None, 288, 480, 128 0	conv2d_18[0][0]
conv2d_19 (Conv2D)	(None, 288, 480, 64) 32832	up_sampling2d_3[0][0]
concatenate_3 (Concatenate)	(None, 288, 480, 128 0	conv2d_1[0][0] conv2d_19[0][0]
conv2d_20 (Conv2D)	(None, 288, 480, 64) 73792	concatenate_3[0][0]
conv2d_21 (Conv2D)	(None, 288, 480, 64) 36928	conv2d_20[0][0]
conv2d_22 (Conv2D)	(None, 288, 480, 2) 1154	conv2d_21[0][0]
conv2d_23 (Conv2D)	(None, 288, 480, 1) 3	conv2d_22[0][0]
Total params: 31,033,413		

Total params: 31,033,413 Trainable params: 31,033,413 Non-trainable params: 0

Train on 1760 samples, validate on 442 samples

Epoch 1/50

2020-07-02 16:54:25.544110: I tensorflow/core/platform/cpu_feature_guard.cc:141] Your CPU supports instructions that this TensorFlow binary was not compiled to use: SSE4.1 SSE4.2 AVX AVX2 FMA

2020-07-02 16:54:25.813584: I tensorflow/core/common_runtime/gpu/gpu_device.cc:1405] Found device 0 with properties:

name: Tesla P100-PCIE-16GB major: 6 minor: 0 memoryClockRate(GHz): 1.3285

pciBusID: 0000:0c:00.0

totalMemory: 15.90GiB freeMemory: 15.39GiB

2020-07-02 16:54:25.813646: I tensorflow/core/common_runtime/gpu/gpu_device.cc:1484] Adding visible gpu devices: 0

2020-07-02 16:54:26.403645: I tensorflow/core/common_runtime/gpu/gpu_device.cc:965] Device interconnect StreamExecutor with strength 1 edge matrix:

2020-07-02 16:54:26.403706: I tensorflow/core/common_runtime/gpu/gpu_device.cc:971]

2020-07-02 16:54:26.403721: I tensorflow/core/common_runtime/gpu/gpu_device.cc:984] 0: N

2020-07-02 16:54:26.404001: I tensorflow/core/common_runtime/gpu/gpu_device.cc:1097] Created TensorFlow device (/job:localhost/replica:0/task:0/device:GPU:0 with 14915 MB memory) -> physical GPU (device: 0, name: Tesla P100-PCIE-16GB, pci bus id: 0000:0c:00.0, compute capability: 6.0)

2020-07-02 16:54:35.560310: W tensorflow/core/common_runtime/bfc_allocator.cc:219] Allocator (GPU_0_bfc) ran out of memory trying to allocate 3.56GiB. The caller indicates that this is not a failure, but may mean that there could be performance gains if more memory were available.

2020-07-02 16:54:35.812366: W tensorflow/core/common_runtime/bfc_allocator.cc:219] Allocator (GPU_0_bfc) ran out of memory trying to allocate 3.56GiB. The caller indicates that this is not a failure, but may mean that there could be performance gains if more memory were available.

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Epoch 2/50
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Epoch 3/50
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Epoch 4/50
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Epoch 5/50
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Epoch 6/50
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Epoch 14/50
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Epoch 49/50
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Epoch 50/50
1760/1760 [====================================

Process finished with exit code 0