C:\Users\kurekj\anaconda3\envs\Win\_Python3.9\_Tensor2.10\python.exe "E:\!DeepTechnology\!Customers\!2023\Seth Software EOSC-AI4Pheno\AI4PhenoEOSC\apple\Mask-RCNN-Apple\samples\apple\apple\_inference\_Jarek\_Bartek.py"

C:\Users\kurekj\anaconda3\envs\Win\_Python3.9\_Tensor2.10\lib\site-packages\numpy\\_distributor\_init.py:30: UserWarning: loaded more than 1 DLL from .libs:

C:\Users\kurekj\anaconda3\envs\Win\_Python3.9\_Tensor2.10\lib\site-packages\numpy\.libs\libopenblas64\_\_v0.3.21-gcc\_10\_3\_0.dll

C:\Users\kurekj\anaconda3\envs\Win\_Python3.9\_Tensor2.10\lib\site-packages\numpy\.libs\libopenblas64\_\_v0.3.23-gcc\_10\_3\_0.dll

warnings.warn("loaded more than 1 DLL from .libs:"

List physical GPU devices:

PhysicalDevice(name='/physical\_device:GPU:0', device\_type='GPU')

Images: 15

Classes: ['BG', 'apple']

2023-07-08 15:38:41.994493: I tensorflow/core/platform/cpu\_feature\_guard.cc:193] This TensorFlow binary is optimized with oneAPI Deep Neural Network Library (oneDNN) to use the following CPU instructions in performance-critical operations: AVX AVX2

To enable them in other operations, rebuild TensorFlow with the appropriate compiler flags.

2023-07-08 15:38:42.616764: I tensorflow/core/common\_runtime/gpu/gpu\_device.cc:1616] Created device /job:localhost/replica:0/task:0/device:GPU:0 with 14107 MB memory: -> device: 0, name: Quadro RTX 5000, pci bus id: 0000:01:00.0, compute capability: 7.5

WARNING:tensorflow:From C:\Users\kurekj\anaconda3\envs\Win\_Python3.9\_Tensor2.10\lib\site-packages\tensorflow\python\util\deprecation.py:629: calling map\_fn\_v2 (from tensorflow.python.ops.map\_fn) with dtype is deprecated and will be removed in a future version.

Instructions for updating:

Use fn\_output\_signature instead

Loading weights: E:\!DeepTechnology\!Customers\!2023\Seth Software EOSC-AI4Pheno\AI4PhenoEOSC\apple\Mask-RCNN-Apple\model\_logs\apple20230708T1131\_0.9\mask\_rcnn\_apple\_0020.h5

Processing image\_id:0

Processing 1 images

image shape: (3072, 3072, 3) min: 0.00000 max: 255.00000 uint8

molded\_images shape: (1, 3072, 3072, 3) min: -123.70000 max: 151.10000 float64

image\_metas shape: (1, 14) min: 0.00000 max: 3072.00000 int32

anchors shape: (1, 2356992, 4) min: -0.11789 max: 1.09705 float32

2023-07-08 15:38:54.735757: I tensorflow/stream\_executor/cuda/cuda\_dnn.cc:384] Loaded cuDNN version 8100

overlaps=0.012065891845303893

filename\_kod = 20220710\_1204\_0700F136\_PIC\_84\_CAM\_2.xml.pi.jpg

mioumicro=0.9066741892322588, miouweighted=0.9173295942199959

Processing image\_id:1

Processing 1 images

image shape: (3072, 3072, 3) min: 0.00000 max: 255.00000 uint8

molded\_images shape: (1, 3072, 3072, 3) min: -123.70000 max: 151.10000 float64

image\_metas shape: (1, 14) min: 0.00000 max: 3072.00000 int32

anchors shape: (1, 2356992, 4) min: -0.11789 max: 1.09705 float32

overlaps=0.010997427138017617

filename\_kod = 20220712\_1202\_0700F136\_PIC\_86\_CAM\_2.xml.pi.jpg

mioumicro=0.8803368361404174, miouweighted=0.894134364693952

Processing image\_id:2

Processing 1 images

image shape: (3072, 3072, 3) min: 0.00000 max: 255.00000 uint8

molded\_images shape: (1, 3072, 3072, 3) min: -123.70000 max: 151.10000 float64

image\_metas shape: (1, 14) min: 0.00000 max: 3072.00000 int32

anchors shape: (1, 2356992, 4) min: -0.11789 max: 1.09705 float32

overlaps=0.0114085426335017

filename\_kod = 20220715\_1112\_0700F136\_PIC\_89\_CAM\_2.xml.pi.jpg

mioumicro=0.8825286712483214, miouweighted=0.8972546210954747

Processing image\_id:3

Processing 1 images

image shape: (3072, 3072, 3) min: 0.00000 max: 255.00000 uint8

molded\_images shape: (1, 3072, 3072, 3) min: -123.70000 max: 151.10000 float64

image\_metas shape: (1, 14) min: 0.00000 max: 3072.00000 int32

anchors shape: (1, 2356992, 4) min: -0.11789 max: 1.09705 float32

overlaps=0.0103394802591184

filename\_kod = 20220728\_1147\_0700F136\_PIC\_105\_CAM\_2.xml.pi.jpg

mioumicro=0.8553135304707238, miouweighted=0.8675297487148396

Processing image\_id:4

Processing 1 images

image shape: (3072, 3072, 3) min: 0.00000 max: 255.00000 uint8

molded\_images shape: (1, 3072, 3072, 3) min: -123.70000 max: 151.10000 float64

image\_metas shape: (1, 14) min: 0.00000 max: 3072.00000 int32

anchors shape: (1, 2356992, 4) min: -0.11789 max: 1.09705 float32

overlaps=0.024931722827697

filename\_kod = 20220805\_1147\_0700F133\_PIC\_96\_CAM\_2.xml.pi.jpg

mioumicro=0.8801615150176393, miouweighted=0.8874056871939593

Processing image\_id:5

Processing 1 images

image shape: (3072, 3072, 3) min: 0.00000 max: 255.00000 uint8

molded\_images shape: (1, 3072, 3072, 3) min: -123.70000 max: 151.10000 float64

image\_metas shape: (1, 14) min: 0.00000 max: 3072.00000 int32

anchors shape: (1, 2356992, 4) min: -0.11789 max: 1.09705 float32

overlaps=0.008811004959264592

filename\_kod = 20220831\_1307\_0700F136\_PIC\_137\_CAM\_2.xml.pi.jpg

mioumicro=0.7396073987081404, miouweighted=0.7609978228263051

Processing image\_id:6

Processing 1 images

image shape: (3072, 3072, 3) min: 0.00000 max: 255.00000 uint8

molded\_images shape: (1, 3072, 3072, 3) min: -123.70000 max: 151.10000 float64

image\_metas shape: (1, 14) min: 0.00000 max: 3072.00000 int32

anchors shape: (1, 2356992, 4) min: -0.11789 max: 1.09705 float32

overlaps=0.02147396254400741

filename\_kod = 20220902\_1202\_0700F133\_PIC\_121\_CAM\_2.xml.pi.jpg

mioumicro=0.8358896094895569, miouweighted=0.8478587358604125

Processing image\_id:7

Processing 1 images

image shape: (3072, 3072, 3) min: 0.00000 max: 255.00000 uint8

molded\_images shape: (1, 3072, 3072, 3) min: -123.70000 max: 151.10000 float64

image\_metas shape: (1, 14) min: 0.00000 max: 3072.00000 int32

anchors shape: (1, 2356992, 4) min: -0.11789 max: 1.09705 float32

overlaps=0.010149863176494037

filename\_kod = 20220906\_1257\_0700F136\_PIC\_144\_CAM\_2.xml.pi.jpg

mioumicro=0.7455670591634334, miouweighted=0.7637614745693675

Processing image\_id:8

Processing 1 images

image shape: (3072, 3072, 3) min: 0.00000 max: 255.00000 uint8

molded\_images shape: (1, 3072, 3072, 3) min: -123.70000 max: 151.10000 float64

image\_metas shape: (1, 14) min: 0.00000 max: 3072.00000 int32

anchors shape: (1, 2356992, 4) min: -0.11789 max: 1.09705 float32

overlaps=0.022444717267145534

filename\_kod = 20220907\_1142\_0700F133\_PIC\_127\_CAM\_2.xml.pi.jpg

mioumicro=0.8064396585882213, miouweighted=0.8166304837978977

Processing image\_id:9

Processing 1 images

image shape: (3072, 3072, 3) min: 0.00000 max: 255.00000 uint8

molded\_images shape: (1, 3072, 3072, 3) min: -123.70000 max: 151.10000 float64

image\_metas shape: (1, 14) min: 0.00000 max: 3072.00000 int32

anchors shape: (1, 2356992, 4) min: -0.11789 max: 1.09705 float32

overlaps=0.020539929325460424

filename\_kod = 20220912\_1236\_0700F133\_PIC\_131\_CAM\_2.xml.pi.jpg

mioumicro=0.776629986696714, miouweighted=0.7910733746928826

Processing image\_id:10

Processing 1 images

image shape: (3072, 3072, 3) min: 0.00000 max: 255.00000 uint8

molded\_images shape: (1, 3072, 3072, 3) min: -123.70000 max: 151.10000 float64

image\_metas shape: (1, 14) min: 0.00000 max: 3072.00000 int32

anchors shape: (1, 2356992, 4) min: -0.11789 max: 1.09705 float32

overlaps=0.023210260500394424

filename\_kod = 20220918\_1147\_0700F133\_PIC\_136\_CAM\_2.xml.pi.jpg

mioumicro=0.8033531165803879, miouweighted=0.8215082314224381

Processing image\_id:11

Processing 1 images

image shape: (3072, 3072, 3) min: 0.00000 max: 255.00000 uint8

molded\_images shape: (1, 3072, 3072, 3) min: -123.70000 max: 151.10000 float64

image\_metas shape: (1, 14) min: 0.00000 max: 3072.00000 int32

anchors shape: (1, 2356992, 4) min: -0.11789 max: 1.09705 float32

overlaps=0.008583129317875112

filename\_kod = 20220918\_1342\_0700F136\_PIC\_154\_CAM\_2.xml.pi.jpg

mioumicro=0.6848054205508869, miouweighted=0.7058458696888228

Processing image\_id:12

Processing 1 images

image shape: (3072, 3072, 3) min: 0.00000 max: 255.00000 uint8

molded\_images shape: (1, 3072, 3072, 3) min: -123.70000 max: 151.10000 float64

image\_metas shape: (1, 14) min: 0.00000 max: 3072.00000 int32

anchors shape: (1, 2356992, 4) min: -0.11789 max: 1.09705 float32

overlaps=0.008412601549601762

filename\_kod = 20220923\_1157\_0700F136\_PIC\_157\_CAM\_2.xml.pi.jpg

mioumicro=0.6866958715362261, miouweighted=0.7090354911682897

Processing image\_id:13

Processing 1 images

image shape: (3072, 3072, 3) min: 0.00000 max: 255.00000 uint8

molded\_images shape: (1, 3072, 3072, 3) min: -123.70000 max: 151.10000 float64

image\_metas shape: (1, 14) min: 0.00000 max: 3072.00000 int32

anchors shape: (1, 2356992, 4) min: -0.11789 max: 1.09705 float32

overlaps=0.00854976266389542

filename\_kod = 20220924\_1217\_0700F136\_PIC\_158\_CAM\_2.xml.pi.jpg

mioumicro=0.691250552082987, miouweighted=0.7109445002691914

Processing image\_id:14

Processing 1 images

image shape: (3072, 3072, 3) min: 0.00000 max: 255.00000 uint8

molded\_images shape: (1, 3072, 3072, 3) min: -123.70000 max: 151.10000 float64

image\_metas shape: (1, 14) min: 0.00000 max: 3072.00000 int32

anchors shape: (1, 2356992, 4) min: -0.11789 max: 1.09705 float32

overlaps=0.008525836803690885

filename\_kod = 20220925\_1217\_0700F136\_PIC\_159\_CAM\_2.xml.pi.jpg

mioumicro=0.7047118096092426, miouweighted=0.7205151013072143

Process finished with exit code 0