

Export trained deeplab model to frozen inference graph

After model training finishes, you could export it to a frozen TensorFlow inference graph proto. Your trained model checkpoint usually includes the following files:

- model.ckpt-`{CHECKPOINT_NUMBER}`.data-00000-of-00001,
- model.ckpt-`{CHECKPOINT_NUMBER}`.index
- model.ckpt-`{CHECKPOINT_NUMBER}`.meta

After you have identified a candidate checkpoint to export, you can run the following commandline to export to a frozen graph:

```
# From tensorflow/models/research/  
# Assume all checkpoint files share the same path prefix `${CHECKPOINT_PATH}`.  
python deeplab/export_model.py \  
    --checkpoint_path={CHECKPOINT_PATH} \  
    --export_path={OUTPUT_DIR}/frozen_inference_graph.pb
```

Please also add other model specific flags as you use for training, such as `model_variant`, `add_image_level_feature`, etc.