How to view trained weights and biases (in human readable format) from a trained Tensorflow Model (.ckpt) file

I have trained a CNN and created a tensorflow model file (.ckpt).

I have to implement the forward propagation on a hardware using the trained model and for that I need the updated weights and biases (as I got after the training).

However, the .ckpt file has binary encoding.

How do I convert it to some human readable format so I can read the updated model parameters?

tensorflow   neural-network

Saad Qureshi
108   1   10

1 Answer

Use sess.run to evaluate whatever weight/bias in your model. The result is basically a numpy array, then use numpy.savetxt.

answered Jan 8 at 8:25

tnq177
199   1   2   10

But how do I load the model.cpkt file? –   Saad Qureshi   Jan 8 at 8:50

1   @SaadQureshi since there are already a bunch of answers for this question on SO, I suggest read them up, for example: stackoverflow.com/questions/33759623/… – tnq177 Jan 8 at 9:09