



Save and Restore TensorFlow Models

Training a model can take hours. But once you close your TensorFlow session, you lose all the trained weights and biases. If you were to reuse the model in the future, you would have to train it all over again!

Fortunately, TensorFlow gives you the ability to save your progress using a class called `tf.train.Saver`. This class provides the functionality to save any `tf.Variable` to your file system.

Saving Variables

Let's start with a simple example of saving `weights` and `bias` Tensors. For the first example you'll just save two variables. Later examples will save all the weights in a practical model.

```
import tensorflow as tf

# The file path to save the data
save_file = './model.ckpt'
```