

CS 20SI Notes

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1 References and License

In this document we are recording notes on reading material in **[cs20siIntroSlides]**.

Please see the references section for detailed citation information.

2 Starting TensorBoard

Starting TensorBoard is relatively easy, though the initial documentation may seem rather daunting.

We found all that is necessary is that one create a TensorFlow session, then pass the location of a logging directory to TensorFlow's session file writer. Hence, one must run the following

```
file_writer = tf.summary.FileWriter('/tmp/tensorboard')
```

If one already has TensorBoard installed on one's system then simply starting TensorBoard (with the, "tensorboard," command) will start a server. The server startup message will include a URL that one can open in a browser. If one has already run a graph in a tensorflow session object, TensorBoard will render that graph. We found the documentation in [**tensorBoardIntro**] to be useful in determining how to use TensorBoard to render a simple graph.