“fixed-length distributed sentence representations” – what is **distributed**?

“The decoder is auto-regressive” – what is **auto-regressive**?

Can cast current framework into seq2seq, see tensorflow seq2seq tutorials

Not a lot of hyperparameter search

Combine all data files/source files together

Dropout – can try other methods ALSO

Save optimizer state also

Note – tf.logging does not print time (do it yourself)

**Evaluation tasks:**

1. Done using *SentEval* repo
2. Tasks:
   1. Text classification:
      1. MR
      2. CR
      3. SST
      4. TREC
      5. SUBJ
      6. MPQA
      7. Evaluation metric – classification accuracy
   2. Paraphrase identification:
      1. MRPC
      2. Metric – accuracy, F1
   3. Entailment and semantic relatedness:
      1. SICK relatedness (SICK-R)
         1. Evaluation metric – Pearson correlation
      2. Entailment labels, SICK-E
         1. Evaluation metric – Classification accuracy
   4. Semantic textual similarity:
      1. Measure relatedness of sentences using only cosine similarity
      2. STS benchmark tasks (STS12, STS13, STS14, STS15, STS16, STSB)
      3. Evaluation – Pearson correlation
3. A
4. A
5. A
6. A