TEKLRN

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1. Working with RNNs
   - Introduction
   - Setup

2. Built-in RNN layers: a simple example
   - keras.layers.SimpleRNN
   - keras.layers.GRU
   - keras.layers.LSTM

3. Outputs and states of RNN

4. RNN layers and RNN cells

5. Cross-batch statefulness

6. RNN State Reuse

7. Bidirectional RNNs

8. Performance optimization and CuDNN kernels
   - Using CuDNN kernels when available
   - load the MNIST dataset:
   - create a model instance and train it.

9. RNNs with list/dict inputs, or nested inputs
   - Define a custom cell that supports nested input/output
   - Build a RNN model with nested input/output
   - Train the model with randomly generated data