

Module: `tf.contrib.seq2seq`[Contents](#)[Functions](#)

Defined in `tensorflow/contrib/legacy_seq2seq/__init__.py`.

Deprecated library for creating sequence-to-sequence models in TensorFlow.

## Functions

`attention_decoder(...)` : RNN decoder with attention for the sequence-to-sequence model.

`basic_rnn_seq2seq(...)` : Basic RNN sequence-to-sequence model.

`embedding_attention_decoder(...)` : RNN decoder with embedding and attention and a pure-decoding option.

`embedding_attention_seq2seq(...)` : Embedding sequence-to-sequence model with attention.

`embedding_rnn_decoder(...)` : RNN decoder with embedding and a pure-decoding option.

`embedding_rnn_seq2seq(...)` : Embedding RNN sequence-to-sequence model.

`embedding_tied_rnn_seq2seq(...)` : Embedding RNN sequence-to-sequence model with tied (shared) parameters.

`model_with_buckets(...)` : Create a sequence-to-sequence model with support for bucketing.

`one2many_rnn_seq2seq(...)` : One-to-many RNN sequence-to-sequence model (multi-task).

`rnn_decoder(...)` : RNN decoder for the sequence-to-sequence model.

`sequence_loss(...)` : Weighted cross-entropy loss for a sequence of logits, batch-collapsed.

`sequence_loss_by_example(...)` : Weighted cross-entropy loss for a sequence of logits (per example).

`tied_rnn_seq2seq(...)` : RNN sequence-to-sequence model with tied encoder and decoder parameters.

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