TensorFlow   API r1.4

Module: tf.contrib.crf

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

Linear-chain CRF layer.

See the CRF (contrib) guide.

Classes

class `CrfDecodeBackwardRnnCell` : Computes backward decoding in a linear-chain CRF.

class `CrfDecodeForwardRnnCell` : Computes the forward decoding in a linear-chain CRF.

class `CrfForwardRnnCell` : Computes the alpha values in a linear-chain CRF.

Functions

`crf_binary_score(...)` : Computes the binary scores of tag sequences.

`crf_decode(...)` : Decode the highest scoring sequence of tags in TensorFlow.

`crf_log_likelihood(...)` : Computes the log-likelihood of tag sequences in a CRF.

`crf_log_norm(...)` : Computes the normalization for a CRF.

`crf_sequence_score(...)` : Computes the unnormalized score for a tag sequence.

`crf_unary_score(...)` : Computes the unary scores of tag sequences.

`viterbi_decode(...)` : Decode the highest scoring sequence of tags outside of TensorFlow.

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