

tf.contrib.crf.crf_sequence_score

```
crf_sequence_score(  
    inputs,  
    tag_indices,  
    sequence_lengths,  
    transition_params  
)
```

Defined in [tensorflow/contrib/crf/python/ops/crf.py](#).

See the guide: [CRF \(contrib\)](#)

Computes the unnormalized score for a tag sequence.

Args:

- `inputs`: A [batch_size, max_seq_len, num_tags] tensor of unary potentials to use as input to the CRF layer.
- `tag_indices`: A [batch_size, max_seq_len] matrix of tag indices for which we compute the unnormalized score.
- `sequence_lengths`: A [batch_size] vector of true sequence lengths.
- `transition_params`: A [num_tags, num_tags] transition matrix.

Returns:

- `sequence_scores`: A [batch_size] vector of unnormalized sequence scores.

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