tf.contrib.crf.crf_log_likelihood

```
crf_log_likelihood(
    inputs,
    tag_indices,
    sequence_lengths,
    transition_params=None
)
```

Defined in `tensorflow/contrib/crf/python/ops/crf.py`.

See the guide: CRF (contrib)

Computes the log-likelihood of tag sequences in a CRF.

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 log-likelihood.
- `sequence_lengths`: A [batch_size] vector of true sequence lengths.
- `transition_params`: A [num_tags, num_tags] transition matrix, if available.

Returns:

- `log_likelihood`: A scalar containing the log-likelihood of the given sequence of tag indices.
- `transition_params`: A [num_tags, num_tags] transition matrix. This is either provided by the caller or created in this function.

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