

tf.contrib.seq2seq.tile_batch

```
tile_batch(  
    t,  
    multiplier,  
    name=None  
)
```

Defined in [tensorflow/contrib/seq2seq/python/ops/beam_search_decoder.py](#).

Tile the batch dimension of a (possibly nested structure of) tensor(s) `t`.

For each tensor `t` in a (possibly nested structure) of tensors, this function takes a tensor `t` shaped `[batch_size, s0, s1, ...]` composed of minibatch entries `t[0], ..., t[batch_size - 1]` and tiles it to have a shape `[batch_size * multiplier, s0, s1, ...]` composed of minibatch entries `t[0], t[0], ..., t[1], t[1], ...` where each minibatch entry is repeated `multiplier` times.

Args:

- `t`: `Tensor` shaped `[batch_size, ...]`.
- `multiplier`: Python int.
- `name`: Name scope for any created operations.

Returns:

A (possibly nested structure of) `Tensor` shaped `[batch_size * multiplier, ...]`.

Raises:

- `ValueError`: if tensor(s) `t` do not have a statically known rank or the rank is < 1 .

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