

tf.contrib.nccl.reduce_sum

```
reduce_sum(  
    tensors,  
    dst_device  
)
```

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

Returns a tensor with the reduce sum across `tensors`.

The computation is done with a reduce operation, so only one tensor is returned.

Args:

- `tensors`: The input tensors across which to sum; must be assigned to GPU devices.
- `dst_device`: The device of the returned tensor.

Returns:

A tensor containing the sum of the input tensors, with the device of the tensor being `dst_device`.

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