

## tf.contrib.nccl.broadcast

```
broadcast(  
    src_tensor,  
    dst_devices  
)
```

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

Returns a list of tensors on `dst_devices`, each with value `tensor`.

The computation is done with a broadcast nccl operation, so if only some of the returned tensors and `src_tensor` are evaluated then the computation will hang.

## Args:

- `src_tensor`: The tensor to send; must be assigned to a GPU device.
- `dst_devices`: The GPU devices to receive the sent tensor.

## Returns:

An **Operation** to send the `src_tensor`, and a list of tensors, each with the value of `src_tensor`, where the device of tensor `i` is `dst_devices[i]`.

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