TancarFlow

TensorFlow API r1.4

tf.contrib.tpu.cross_replica_sum

```
cross_replica_sum(
   input,
   name=None
)
```

Defined in tensorflow/contrib/tpu/ops/gen_tpu_ops.py.

An Op to sum inputs across replicated TPU instances. Each

instance supplies its own input, and the output of each is the sum of all the inputs.

Args:

- input: A Tensor. Must be one of the following types: float32. The local input to the sum.
- name: A name for the operation (optional).

Returns:

A Tensor . Has the same type as input . The sum of all the distributed inputs.

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