

tf.sets.set_size

Contents

Aliases:

Aliases:

- `tf.contrib.metrics.set_size`
- `tf.sets.set_size`

```
set_size(  
    a,  
    validate_indices=True  
)
```

Defined in `tensorflow/python/ops/sets_impl.py`.

See the guide: [Metrics \(contrib\) > Set Ops](#)

Compute number of unique elements along last dimension of `a`.

Args:

- `a`: `SparseTensor`, with indices sorted in row-major order.
- `validate_indices`: Whether to validate the order and range of sparse indices in `a`.

Returns:

`int32 Tensor` of set sizes. For `a` ranked `n`, this is a `Tensor` with rank `n-1`, and the same 1st `n-1` dimensions as `a`. Each value is the number of unique elements in the corresponding `[0...n-1]` dimension of `a`.

Raises:

- `TypeError`: If `a` is an invalid types.

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