

# tf.SparseTensorValue

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## Class `SparseTensorValue`

Defined in `tensorflow/python/framework/sparse_tensor.py`.

See the guide: [Sparse Tensors > Sparse Tensor Representation](#)

`SparseTensorValue(indices, values, dense_shape)`

## Properties

### `dense_shape`

Alias for field number 2

### `indices`

Alias for field number 0

### `values`

Alias for field number 1

## Methods

### `__new__`

```
@staticmethod
__new__(
    _cls,
    indices,
    values,
    dense_shape
)
```

Create new instance of `SparseTensorValue(indices, values, dense_shape)`

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