

## tf.convert\_to\_tensor\_or\_indexed\_slices

```
convert_to_tensor_or_indexed_slices(  
    value,  
    dtype=None,  
    name=None  
)
```

Defined in [tensorflow/python/framework/ops.py](#).

See the guide: [Building Graphs > Utility functions](#)

Converts the given object to a **Tensor** or an **IndexedSlices**.

If **value** is an **IndexedSlices** or **SparseTensor** it is returned unmodified. Otherwise, it is converted to a **Tensor** using **convert\_to\_tensor()**.

## Args:

- **value**: An **IndexedSlices**, **SparseTensor**, or an object that can be consumed by **convert\_to\_tensor()**.
- **dtype**: (Optional.) The required **DType** of the returned **Tensor** or **IndexedSlices**.
- **name**: (Optional.) A name to use if a new **Tensor** is created.

## Returns:

An **Tensor**, **IndexedSlices**, or **SparseTensor** based on **value**.

## Raises:

- **ValueError**: If **dtype** does not match the element type of **value**.

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