

## tf.contrib.data.enumerate\_dataset

```
enumerate_dataset(start=0)
```

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

A transformation that enumerate the elements of a dataset.

It is Similar to python's `enumerate`. For example:

```
# NOTE: The following examples use `{ ... }` to represent the
# contents of a dataset.
a = { 1, 2, 3 }
b = { (7, 8), (9, 10) }

# The nested structure of the `datasets` argument determines the
# structure of elements in the resulting dataset.
a.apply(tf.contrib.data.enumerate(start=5)) == { (5, 1), (6, 2), (7, 3) }
b.apply(tf.contrib.data.enumerate()) == { (0, (7, 8)), (1, (9, 10)) }
```

## Args:

- `start`: A `tf.int64` scalar `tf.Tensor`, representing the start value for enumeration.

## Returns:

A `Dataset` transformation function, which can be passed to [tf.data.Dataset.apply](#).

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