

tf.contrib.graph_editor.reroute_ts

```
reroute_ts(  
    ts0,  
    ts1,  
    can_modify=None,  
    cannot_modify=None  
)
```

Defined in [tensorflow/contrib/graph_editor/reroute.py](#).

See the guide: [Graph Editor \(contrib\)](#) > [Module: reroute](#)

For each tensor's pair, replace the end of t1 by the end of t0.

B0 B1 B0 B1 || => | / A0 A1 A0 A1

The end of the tensors in ts1 are left dangling.

Args:

- `ts0`: an object convertible to a list of `tf.Tensor`.
- `ts1`: an object convertible to a list of `tf.Tensor`.
- `can_modify`: iterable of operations which can be modified. Any operation outside `within_ops` will be left untouched by this function.
- `cannot_modify`: iterable of operations which cannot be modified. Any operation within `cannot_modify` will be left untouched by this function.

Returns:

The number of individual modifications made by the function.

Raises:

- `TypeError`: if `ts0` or `ts1` cannot be converted to a list of `tf.Tensor`.
- `TypeError`: if `can_modify` or `cannot_modify` is not `None` and cannot be converted to a list of `tf.Operation`.

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