

tf.contrib.graph_editor.graph_replace

```
graph_replace(  
    target_ts,  
    replacement_ts,  
    dst_scope='',  
    src_scope='',  
    reuse_dst_scope=False  
)
```

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

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

Create a new graph which compute the targets from the replaced Tensors.

Args:

- `target_ts`: a single `tf.Tensor` or an iterable of `tf.Tensor`.
- `replacement_ts`: dictionary mapping from original tensors to replaced tensors
- `dst_scope`: the destination scope.
- `src_scope`: the source scope.
- `reuse_dst_scope`: if True the `dst_scope` is re-used if it already exists. Otherwise, the scope is given a unique name based on the one given by appending an underscore followed by a digit (default).

Returns:

A single `tf.Tensor` or a list of target `tf.Tensor`, depending on the type of the input argument `target_ts`. The returned tensors are recomputed using the tensors from `replacement_ts`.

Raises:

- `ValueError`: if the targets are not connected to `replacement_ts`.

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