

## tf.contrib.graph\_editor.connect

```
connect(  
    sg0,  
    sg1,  
    disconnect_first=False  
)
```

Defined in [tensorflow/contrib/graph\\_editor/edit.py](#).

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

Connect the outputs of sg0 to the inputs of sg1.

## Args:

- **sg0** : the first subgraph to have its outputs swapped. This argument is converted to a subgraph using the same rules as the function `subgraph.make_view`. Note that sg0 is modified in place.
- **sg1** : the second subgraph to have its outputs swapped. This argument is converted to a subgraph using the same rules as the function `subgraph.make_view`. Note that sg1 is modified in place.
- **disconnect\_first** : if True the current outputs of sg0 are disconnected.

## Returns:

A tuple **(sg0, sg1)** of the now connected subgraphs.

## Raises:

- **StandardError** : if sg0 or sg1 cannot be converted to a SubGraphView using the same rules than the function `subgraph.make_view`.

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