

## tf.contrib.graph\_editor.get\_ops\_ios

```
get_ops_ios(  
    ops,  
    control_inputs=False,  
    control_outputs=None,  
    control_ios=None  
)
```

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

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

Return all the **tf.Operation** which are connected to an op in ops.

## Args:

- **ops**: an object convertible to a list of **tf.Operation**.
- **control\_inputs**: A boolean indicating whether control inputs are enabled.
- **control\_outputs**: An instance of **util.ControlOutputs** or **None**. If not **None**, control outputs are enabled.
- **control\_ios**: An instance of **util.ControlOutputs** or **None**. If not **None**, both control inputs and control outputs are enabled. This is equivalent to set **control\_inputs** to **True** and **control\_outputs** to the **util.ControlOutputs** instance.

## Returns:

All the **tf.Operation** surrounding the given ops.

## Raises:

- **TypeError**: if **ops** cannot be converted to a list of **tf.Operation**.

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