

tf.contrib.framework.get_graph_from_inputs

```
get_graph_from_inputs(  
    op_input_list,  
    graph=None  
)
```

Defined in [tensorflow/contrib/framework/python/ops/ops.py](#).

See the guide: [Framework \(contrib\)](#)

Returns the appropriate graph to use for the given inputs.

1. If **graph** is provided, we validate that all inputs in **op_input_list** are from the same graph.
2. Otherwise, we attempt to select a graph from the first Operation- or Tensor-valued input in **op_input_list**, and validate that all other such inputs are in the same graph.
3. If the graph was not specified and it could not be inferred from **op_input_list**, we attempt to use the default graph.

Args:

- **op_input_list**: A list of inputs to an operation, which may include **Tensor**, **Operation**, and other objects that may be converted to a graph element.
- **graph**: (Optional) The explicit graph to use.

Raises:

- **TypeError**: If **op_input_list** is not a list or tuple, or if graph is not a Graph.
- **ValueError**: If a graph is explicitly passed and not all inputs are from it, or if the inputs are from multiple graphs, or we could not find a graph and there was no default graph.

Returns:

The appropriate graph to use for the given inputs.

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