

tf.contrib.copy_graph.copy_op_to_graph

```
copy_op_to_graph(  
    org_instance,  
    to_graph,  
    variables,  
    scope=' '  
)
```

Defined in [tensorflow/contrib/copy_graph/python/util/copy_elements.py](#).

Returns a copy of an operation from another Graph under a specified scope.

Given an **Operation** `org_instance` from one **Graph**, initializes and returns a copy of it from another **Graph**, under the specified scope (default `""`).

The copying is done recursively, so any **Operation** whose output is required to evaluate the `org_instance`, is also copied (unless already done).

Since **Variable** instances are copied separately, those required to evaluate `org_instance` must be provided as input.

Args:

- `org_instance`: An **Operation** from some **Graph**. Could be a **Placeholder** as well.
- `to_graph`: The **Graph** to copy `org_instance` to.
- `variables`: An iterable of **Variable** instances to copy `org_instance` to.
- `scope`: A scope for the new **Variable** (default `""`).

Returns:

The copied **Operation** from `to_graph`.

Raises:

- **TypeError**: If `org_instance` is not an **Operation** or **Tensor**.

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