

tf.contrib.graph_editor.get_forward_walk_ops

```
get_forward_walk_ops(  
    seed_ops,  
    inclusive=True,  
    within_ops=None,  
    stop_at_ts=(),  
    control_outputs=None  
)
```

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

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

Do a forward graph walk and return all the visited ops.

Args:

- **seed_ops**: an iterable of operations from which the forward graph walk starts. If a list of tensors is given instead, the seed_ops are set to be the consumers of those tensors.
- **inclusive**: if True the given seed_ops are also part of the resulting set.
- **within_ops**: an iterable of **tf.Operation** within which the search is restricted. If **within_ops** is **None**, the search is performed within the whole graph.
- **stop_at_ts**: an iterable of tensors at which the graph walk stops.
- **control_outputs**: a **util.ControlOutputs** instance or None. If not **None**, it will be used while walking the graph forward.

Returns:

A Python set of all the **tf.Operation** ahead of **seed_ops**.

Raises:

- **TypeError**: if **seed_ops** or **within_ops** cannot be converted to a list of **tf.Operation**.

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