

## tf.contrib.graph\_editor.get\_backward\_walk\_ops

```
get_backward_walk_ops(  
    seed_ops,  
    inclusive=True,  
    within_ops=None,  
    stop_at_ts=(),  
    control_inputs=False  
)
```

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

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

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

### Args:

- **seed\_ops**: an iterable of operations from which the backward graph walk starts. If a list of tensors is given instead, the seed\_ops are set to be the generators 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\_inputs**: if True, control inputs will be used while moving backward.

### Returns:

A Python set of all the **tf.Operation** behind **seed\_ops**.

### Raises:

- **TypeError**: if **seed\_ops** or **within\_ops** cannot be converted to a list of **tf.Operation**.

---

Except as otherwise noted, the content of this page is licensed under the [Creative Commons Attribution 3.0 License](#), and code samples are licensed under the [Apache 2.0 License](#). For details, see our [Site Policies](#). Java is a registered trademark of Oracle and/or its affiliates.

Last updated November 2, 2017.

### Stay Connected

[Blog](#)

[GitHub](#)

[Twitter](#)

Support

[Issue Tracker](#)

[Release Notes](#)

[Stack Overflow](#)

English

[Terms](#) | [Privacy](#)