

## tf.contrib.kfac.utils.SubGraph

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## Class SubGraph

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

Defines a subgraph given by all the dependencies of a given set of outputs.

## Methods

### `__init__`

```
__init__(outputs)
```

### `filter_list`

```
filter_list(node_list)
```

Filters 'node\_list' to nodes in this subgraph.

### `is_member`

```
is_member(node)
```

Check if 'node' is in this subgraph.

### `variable_uses`

```
variable_uses(var)
```

Computes number of times a variable is used.

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