

## tf.contrib.kfac.op\_queue.OpQueue

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Class **OpQueue**Defined in [tensorflow/contrib/kfac/python/ops/op\\_queue.py](#).

Class for choosing which Op to run next.

Constructs an infinitely repeating sequence of Ops in shuffled order.

In K-FAC, this can be used to distribute inverse update operations among workers.

## Properties

**ops**

Ops this OpQueue can return in next\_op().

## Methods

**\_\_init\_\_**

```
__init__(  
    ops,  
    seed=None  
)
```

Initializes an OpQueue.

Args:

- `ops`: list of TensorFlow Ops. Ops to be selected from. All workers must initialize with the same set of ops.
- `seed`: int or None. Random seed used when shuffling order of ops.

**next\_op**

```
next_op(sess)
```

Chooses which op to run next.

★ **Note:** This call will make a call to `sess.run()`.

Args:

- `sess` : `tf.Session`.

Returns:

Next Op chosen from from 'ops'.

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