

## tf.keras.utils.SequenceEnqueuer

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Class **SequenceEnqueuer**Defined in [tensorflow/python/keras/\\_impl/keras/utils/data\\_utils.py](#).

Base class to enqueue inputs.

The task of an Enqueuer is to use parallelism to speed up preprocessing. This is done with processes or threads.

Examples:

```
enqueuer = SequenceEnqueuer(...)
enqueuer.start()
datas = enqueuer.get()
for data in datas:
    # Use the inputs; training, evaluating, predicting.
    # ... stop sometime.
enqueuer.close()
```

The `enqueuer.get()` should be an infinite stream of datas.

## Methods

**get**`get()`

Creates a generator to extract data from the queue.

Skip the data if it is **None**.

Returns:

Generator yielding tuples `(inputs, targets)` or `(inputs, targets, sample_weights)`.**is\_running**`is_running()`

## start

```
start(  
    workers=1,  
    max_queue_size=10  
)
```

Starts the handler's workers.

### Arguments:

- `workers` : number of worker threads
- `max_queue_size` : queue size (when full, threads could block on `put()` ).

## stop

```
stop(timeout=None)
```

Stop running threads and wait for them to exit, if necessary.

Should be called by the same thread which called `start()`.

### Arguments:

- `timeout` : maximum time to wait on `thread.join()`

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