tf.train.range_input_producer

```
range_input_producer(
    limit,
    num_epochs=None,
    shuffle=True,
    seed=None,
    capacity=32,
    shared_name=None,
    name=None
)
```

Defined in `tensorflow/python/training/input.py` .

See the guide: Inputs and Readers > Input pipeline

Produces the integers from 0 to limit-1 in a queue.

> ⭐ **Note:** if `num_epochs` is not `None`, this function creates local counter `epochs`. Use `local_variables_initializer()` to initialize local variables.

Args:

- `limit` : An int32 scalar tensor.
- `num_epochs` : An integer (optional). If specified, `range_input_producer` produces each integer `num_epochs` times before generating an OutOfRange error. If not specified, `range_input_producer` can cycle through the integers an unlimited number of times.
- `shuffle` : Boolean. If true, the integers are randomly shuffled within each epoch.
- `seed` : An integer (optional). Seed used if shuffle == True.
- `capacity` : An integer. Sets the queue capacity.
- `shared_name` : (optional). If set, this queue will be shared under the given name across multiple sessions.
- `name` : A name for the operations (optional).

Returns:

A Queue with the output integers. A `QueueRunner` for the Queue is added to the current `Graph` 's `QUEUE_RUNNER` collection.

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Support

Issue Tracker

Release Notes

Stack Overflow

English