

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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Last updated November 2, 2017.

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