tf.tile

```
tile(
    input,
    multiples,
    name=None
)
```

Defined in `tensorflow/python/ops/gen_array_ops.py`.

See the guide: Tensor Transformations > Slicing and Joining

Constructs a tensor by tiling a given tensor.

This operation creates a new tensor by replicating `input` `multiples` times. The output tensor's i'th dimension has `input.dims(i) * multiples[i]` elements, and the values of `input` are replicated `multiples[i]` times along the 'i'th dimension. For example, tiling `[a b c d]` by `[2]` produces `[a b c d a b c d]`.

Args:

- `input`: A `Tensor`. 1-D or higher.
- `multiples`: A `Tensor`. Must be one of the following types: `int32`, `int64`. 1-D. Length must be the same as the number of dimensions in `input`
- `name`: A name for the operation (optional).

Returns:

A `Tensor`. Has the same type as `input`.

Except as otherwise noted, the content of this page is licensed under the Creative Commons Attribution 3.0 License, and code samples are licensed under the Apache 2.0 License. For details, see our Site Policies. Java is a registered trademark of Oracle and/or its affiliates.

Last updated November 2, 2017.