

tensor.reshape

...

```
Copy fnreshape(self:@Tensor, target_shape:Span)->Tensor;
```

...

Returns a new tensor with the specified target shape and the same data as the input tensor.

Args

- self
- (@Tensor
-) - The input tensor.
- target_shape
- (Span) - A span containing the target shape of the tensor.
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Panics

- Panics if the target shape is incompatible with the input tensor's data.
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Returns

A newTensor with the specified target shape and the same data.

Examples

...

```
Copy usecore::array::{ArrayTrait,SpanTrait};
```

```
useorion::operators::tensor::{TensorTrait,Tensor,U32Tensor};
```

```
fnreshape_tensor_example()->Tensor { lettensor=TensorTrait::new( shape:array![2,2,2].span(), data:array![0,1,2,3,4,5,6,7].span(), );
```

```
// We can call reshape function as follows. returntensor.reshape(target_shape:array![2,4].span()); }
```

```
[[0,1,2,3], [4,5,6,7]]
```

...

[Previous tensor.unravel_index](#) [Next tensor.transpose](#)

Last updated3 months ago