

# tensor.optional

...

Copy fnoptional(self:@Tensor)->Option>;

...

Constructs an optional-type value containing either an empty optional of a certain type specified by the attribute, or a non-empty value containing the input element.

## Args

- self
- (@Tensor
- ) - The input tensor.
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## Returns

The optional output enclosing the input element.

## Examples

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```
Copy usecore::option::OptionTrait; fnoptional_example()->Option> { leta=TensorTrait::< FP16x16
::new( shape:array![4,2].span(), data:array![ 1_i8, 2_i8, 3_i8, 4_i8, 5_i8, 6_i8, 7_i8, 8_i8 ].span(), ); a.optional() }
Option[Tensor[1,2,3,4,5,6,7,8]]
```

...

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