tf.errors.InvalidArgumentError

> **Contents**

Class `InvalidArgumentError`

Inherits From: `OpError`

Defined in `tensorflow/python/framework/errors_impl.py`.

See the guide: Running Graphs > Error classes and convenience functions

Raised when an operation receives an invalid argument.

This may occur, for example, if an operation is receives an input tensor that has an invalid value or shape. For example, the `tf.matmul` op will raise this error if it receives an input that is not a matrix, and the `tf.reshape` op will raise this error if the new shape does not match the number of elements in the input tensor.

Properties

`error_code`

The integer error code that describes the error.

`message`

The error message that describes the error.

`node_def`

The `NodeDef` proto representing the op that failed.

`op`

The operation that failed, if known.

N.B. If the failed op was synthesized at runtime, e.g. a `Send` or `Recv` op, there will be no corresponding `tf.Operation` object. In that case, this will return `None`, and you should instead use the `tf.OpError.node_def` to discover information about the op.

Returns:

The `Operation` that failed, or None.

Methods

`__init__`

```
__init__(
    node_def,
    op,
    message
)
```

Creates an `InvalidArgumentError` .

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