

tf.OpError

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Class `OpError`

Aliases:

- Class `tf.OpError`
- Class `tf.errors.OpError`

Defined in [tensorflow/python/framework/errors_impl.py](#).

See the guide: [Running Graphs > Error classes and convenience functions](#)

A generic error that is raised when TensorFlow execution fails.

Whenever possible, the session will raise a more specific subclass of `OpError` from the `tf.errors` module.

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,
    error_code
)
```

Creates a new `OpError` indicating that a particular op failed.

Args:

- `node_def`: The `node_def_pb2.NodeDef` proto representing the op that failed, if known; otherwise None.
- `op`: The `ops.Operation` that failed, if known; otherwise None.
- `message`: The message string describing the failure.
- `error_code`: The `error_codes_pb2.Code` describing the error.

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