

Module: tf.errors

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

Exception types for TensorFlow errors.

Classes

- class AbortedError** : The operation was aborted, typically due to a concurrent action.
- class AlreadyExistsError** : Raised when an entity that we attempted to create already exists.
- class CancelledError** : Raised when an operation or step is cancelled.
- class DataLossError** : Raised when unrecoverable data loss or corruption is encountered.
- class DeadlineExceededError** : Raised when a deadline expires before an operation could complete.
- class FailedPreconditionError** : Operation was rejected because the system is not in a state to execute it.
- class InternalError** : Raised when the system experiences an internal error.
- class InvalidArgumentError** : Raised when an operation receives an invalid argument.
- class NotFoundError** : Raised when a requested entity (e.g., a file or directory) was not found.
- class OpError** : A generic error that is raised when TensorFlow execution fails.
- class OutOfRangeError** : Raised when an operation iterates past the valid input range.
- class PermissionDeniedError** : Raised when the caller does not have permission to run an operation.
- class ResourceExhaustedError** : Some resource has been exhausted.
- class UnauthenticatedError** : The request does not have valid authentication credentials.
- class UnavailableError** : Raised when the runtime is currently unavailable.
- class UnimplementedError** : Raised when an operation has not been implemented.
- class UnknownError** : Unknown error.
- class raise_exception_on_not_ok_status** : Context manager to check for C API status.

Functions

error_code_from_exception_type(...)

`exception_type_from_error_code(...)`

Other Members

ABORTED

ALREADY_EXISTS

CANCELLED

DATA_LOSS

DEADLINE_EXCEEDED

FAILED_PRECONDITION

INTERNAL

INVALID_ARGUMENT

NOT_FOUND

OK

OUT_OF_RANGE

PERMISSION_DENIED

RESOURCE_EXHAUSTED

UNAUTHENTICATED

UNAVAILABLE

UNIMPLEMENTED

UNKNOWN

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