

Introduction

The **java.io.Exceptions** provides for system input and output through data streams, serialization and the file system.

Interface Summary

S.N. Interface & Description

1

CharConversionException

This is a base class for character conversion exceptions.

2

EOFException

These are signals that an end of file or end of stream has been reached unexpectedly during input.

3

FileNotFoundException

These are the signals that an attempt to open the file denoted by a specified pathname has failed.

4

InterruptedException

This is signals that an I/O operation has been interrupted.

5

InvalidClassException

This is thrown when the Serialization runtime detects one of the following problems with a Class.

6

InvalidObjectException

This indicates that one or more deserialized objects failed validation tests.

7

IOException

These are the signals that an I/O exception of some sort has occurred.

8

NotActiveException

This is thrown when serialization or deserialization is not active.

9

NotSerializableException

This is thrown when an instance is required to have a Serializable interface.

10

ObjectStreamException

This is a superclass of all exceptions specific to Object Stream classes.

11

OptionalDataException

This is an exception indicating the failure of an object read operation due to unread primitive data, or the end of data belonging to a serialized object in the stream.

12

StreamCorruptedException

This is thrown when control information that was read from an object stream violates internal consistency checks.

13

SyncFailedException

These are the signals that a sync operation has failed.

14

UnsupportedEncodingException

This character encoding is not supported.

15

UTFDataFormatException

This are signals that a malformed string in modified UTF-8 format has been read in a data input stream or by any class that implements the data input interface.

16

WriteAbortedException

This are signals that one of the ObjectStreamExceptions was thrown during a write operation.