

java.lang

Class IllegalStateException

java.lang.Object
 java.lang.Throwable
 java.lang.Exception
 java.lang.RuntimeException
 java.lang.IllegalStateException

All Implemented Interfaces:

Serializable

Direct Known Subclasses:

AcceptPendingException, AlreadyBoundException, AlreadyConnectedException, CancellationException, CancelledKeyException, ClosedDirectoryStreamException, ClosedFileSystemException, ClosedSelectorException, ClosedWatchServiceException, ConnectionPendingException, FormatterClosedException, IllegalBlockingModeException, IllegalComponentStateException, InvalidDnDOperationException, InvalidMarkException, NoConnectionPendingException, NonReadableChannelException, NonWritableChannelException, NotYetBoundException, NotYetConnectedException, OverlappingFileLockException, ReadPendingException, ShutdownChannelGroupException, WritePendingException

```
public class IllegalStateException  
extends RuntimeException
```

Signals that a method has been invoked at an illegal or inappropriate time. In other words, the Java environment or Java application is not in an appropriate state for the requested operation.

Since:

JDK1.1

See Also:

Serialized Form

Constructor Summary

Constructors

Constructor and Description

IllegalStateException() Constructs an IllegalStateException with no detail message.
IllegalStateException(String s) Constructs an IllegalStateException with the specified detail message.
IllegalStateException(String message, Throwable cause) Constructs a new exception with the specified detail message and cause.
IllegalStateException(Throwable cause) Constructs a new exception with the specified cause and a detail message of (cause==null ? null : cause.toString()) (which typically contains the class and detail message of cause).

Method Summary

Methods inherited from class java.lang.Throwable

```
addSuppressed, fillInStackTrace, getCause, getLocalizedMessage, getMessage, getStackTrace,
getSuppressed, initCause, printStackTrace, printStackTrace, printStackTrace, setStackTrace,
toString
```

Methods inherited from class java.lang.Object

```
clone, equals, finalize, getClass, hashCode, notify, notifyAll, wait, wait, wait
```

Constructor Detail

IllegalStateException

```
public IllegalStateException()
```

Constructs an `IllegalStateException` with no detail message. A detail message is a `String` that describes this particular exception.

IllegalStateException

```
public IllegalStateException(String s)
```

Constructs an `IllegalStateException` with the specified detail message. A detail message is a `String` that describes this particular exception.

Parameters:

`s` - the `String` that contains a detailed message

IllegalStateException

```
public IllegalStateException(String message,
                             Throwable cause)
```

Constructs a new exception with the specified detail message and cause.

Note that the detail message associated with `cause` is *not* automatically incorporated in this exception's detail message.

Parameters:

`message` - the detail message (which is saved for later retrieval by the `Throwable.getMessage()` method).

`cause` - the cause (which is saved for later retrieval by the `Throwable.getCause()` method). (A `null` value is permitted, and indicates that the cause is nonexistent or unknown.)

Since:

1.5

IllegalStateException

```
public IllegalStateException(Throwable cause)
```

Constructs a new exception with the specified cause and a detail message of `(cause==null ? null : cause.toString())` (which typically contains the class and detail message of `cause`). This constructor is useful for exceptions that are little more than wrappers for other throwables (for example, `PrivilegedActionException`).

Parameters:

`cause` - the cause (which is saved for later retrieval by the `Throwable.getCause()` method). (A `null` value is permitted, and indicates that the cause is nonexistent or unknown.)

Since:

1.5

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