JAVA.IO.READER CLASS

Introduction

The **Java.io.Reader** class is a abstract class for reading character streams.

Class declaration

Following is the declaration for **Java.io.Reader** class:

```
public class Reader
   extends Object
      implements DataOutput, DataInput, Closeable
```

Field

Following are the fields for **Java.io.Reader** class:

- **protected Object lock** -- This is the object used to synchronize operations on this stream.

Class constructors

S.N.	Constructor & Description
1	**protected Reader** This creates a new character-stream reader whose critical sections will synchronize on the reader itself.
2	**protected Reader**$Object lock$ This creates a new character-stream reader whose critical sections will synchronize on the given object.

Class methods

S.N.	Method & Description
1	abstract void close This method closes the stream and releases any system resources associated with it.
2	void mark$int readAheadLimit$ This method marks the present position in the stream.
3	boolean markSupported This method tells whether this stream supports the mark operation.

4

    int read

    This method reads a single character.

5

    int read*char[]cbuf*

    This method reads characters into an array.

6

    abstract int read*char[]cbuf, intoff, intlen*

    This method reads characters into a portion of an array.

7

    int read*CharBuffertarget*

    This method attempts to read characters into the specified character buffer.

8

    boolean ready

    This method tells whether this stream is ready to be read.

9

    void reset

    This method resets the stream.

10

    long skip*longn*

    This method skips characters.

Methods inherited

This class inherits methods from the following classes:

- Java.io.Object

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