JAVA.IO.BUFFEREDREADER CLASS

Introduction

The **Java.io.BufferedReader** class reads text from a character-input stream, buffering characters so as to provide for the efficient reading of characters, arrays, and lines.Following are the important points about BufferedReader:

- The buffer size may be specified, or the default size may be used.

- Each read request made of a Reader causes a corresponding read request to be made of the underlying character or byte stream.

Class declaration

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

```
public class BufferedReader
    extends Reader
```

Field

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

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

Class constructors

S.N.	Constructor & Description
1	**BufferedReader**_Readerin_ This creates a buffering character-input stream that uses a default-sized input buffer.
2	**BufferedReader**_Readerin, intsz_ This creates a buffering character-input stream that uses an input buffer of the specified size.

Class methods

S.N.	Method & Description
1	void close This method closes the stream and releases any system resources associated with it.
2	void mark_intreadAheadLimit_ This method marks the present position in the stream.
3	

boolean markSupported

This method tells whether this stream supports the mark operation, which it does.

4

int read

This method reads a single character.

5

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

This method reads characters into a portion of an array.

6

String readLine

This method reads a line of text.

7

boolean ready

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

8

void reset

This method resets the stream.

9

long skip*longn*

This method skips characters.

Methods inherited

This class inherits methods from the following classes:

- Java.io.Reader
- Java.io.Object