

JAVA.IO.PUSHBACKREADER CLASS

http://www.tutorialspoint.com/java/io/java_io_pushbackreader.htm

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Introduction

The **Java.io.PushbackReader** class is a character-stream reader that allows characters to be pushed back into the stream.

Class declaration

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

```
public class PushbackReader
    extends FilterReader
```

Field

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

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

Class constructors

S.N. Constructor & Description

- 1
PushbackReader*Reader in*
This creates a new pushback reader with a one-character pushback buffer.
- 2
PushbackReader*Reader in, int size*
This creates a new pushback reader with a pushback buffer of the given 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 markIntreadAheadLimit](#)
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 not.

4

[int read](#)

This method reads a single character.

5

[int readchar\[\]cbuf, intoff, intlen](#)

This method reads characters into a portion of an array.

6

[boolean ready](#)

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

7

[void reset](#)

This method resets the stream.

8

[long skiplongn](#)

This method skips characters.

9

[void unreadchar\[\]cbuf](#)

This method pushes back an array of characters by copying it to the front of the pushback buffer.

10

[void unreadchar\[\]cbuf, intoff, intlen](#)

This method pushes back a portion of an array of characters by copying it to the front of the pushback buffer.

11

[void unreadintc](#)

This method pushes back a single character by copying it to the front of the pushback buffer.

Methods inherited

This class inherits methods from the following classes:

- [Java.io.Reader](#)
- [Java.io.Object](#)

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