

JAVA.IO.FILTERREADER CLASS

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

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Introduction

The **Java.io.FilterReader** class is for reading filtered character streams. Following are the important points about FilterReader:

- The class itself provides default methods that pass all requests to the contained stream.
- The Subclasses of FilterReader should override some of these methods and may also provide additional methods and fields.

Class declaration

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

```
public abstract class FilterReader
    extends Reader
```

Field

Following are the fields for **Java.io.FilterReader** 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 | protected FilterReader(Reader in)
This creates a new filtered reader. |
|---|---|

Class methods

S.N. Method & Description

- | | |
|---|--|
| 1 | <u>void close</u>
This method closes the stream and releases any system resources associated with it. |
| 2 | <u>void markintreadAheadLimit</u>
This method marks the present position in the stream. |
| 3 | <u>boolean markSupported</u>
This method tells whether this stream supports the mark operation. |

[int read](#)

This method reads a single character.

5

[int read\(char\[\] cbuf, int off, int len\)](#)

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 skip\(long n\)](#)

This method skips characters.

Methods inherited

This class inherits methods from the following classes:

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

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