

JAVA.IO.CHARARRAYWRITER CLASS

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

Copyright © tutorialspoint.com

Introduction

The **Java.io.CharArrayWriter** class implements a character buffer that can be used as an **Writer**. The buffer automatically grows when data is written to the stream.

Class declaration

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

```
public class CharArrayWriter
    extends Writer
```

Field

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

- **protected char[] buf** -- This is the buffer where data is stored.
- **protected int count** -- This is the number of chars in the buffer.
- **protected Object lock** -- This is the object used to synchronize operations on this stream.

Class constructors

S.N.	Constructor & Description
1	CharArrayWriter This creates a CharArrayReader from the specified array of chars.
2	CharArrayWriter(int initialSize) This creates a new CharArrayWriter with the specified initial size.

Class methods

S.N.	Method & Description
1	<u>CharArrayWriter append(char c)</u> This method appends the specified character to this writer.
2	<u>CharArrayWriter append(CharSequence csq)</u> This method appends the specified character sequence to this writer.
3	<u>CharArrayWriter append(CharSequence csq, int start, int end)</u> This method appends a subsequence of the specified character sequence to this writer.

- 4 [void close](#)
This method close the stream.
- 5 [void flush](#)
This method flush the stream.
- 6 [void reset](#)
This method resets the buffer so that you can use it again without throwing away the already allocated buffer.
- 7 [int size](#)
This method returns the current size of the buffer.
- 8 [char\[\] toCharArray](#)
This method returns a copy of the input data.
- 9 [String toString](#)
This method converts input data to a string.
- 10 [void writechar\[\]c, intoff, intlen](#)
This method writes characters to the buffer.
- 11 [void writeintc](#)
This method writes a character to the buffer.
- 12 [void writeStringstr, intoff, intlen](#)
This method write a portion of a string to the buffer.
- 13 [void writeToWriterout](#)
This method writes the contents of the buffer to another character stream.

Methods inherited

This class inherits methods from the following classes:

- `java.io.Writer`
- `java.io.Object`

