

JAVA.IO.CHARARRAYWRITER CLASS

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

[CharArrayWriter append](#)*char c*

This method appends the specified character to this writer.

2

[CharArrayWriter append](#)*CharSequence csq*

This method appends the specified character sequence to this writer.

3

[CharArrayWriter append](#)*CharSequence csq, int start, int end*

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](#)

