

JAVA.IO.BUFFEREDWRITER.APPEND METHOD

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

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Description

The **java.io.BufferedWriter.append***char* method appends specified character to this stream.

Declaration

Following is the declaration for **java.io.BufferedWriter.append***char*c method

```
public Writer append(char c)
```

Parameters

- **c** -- 16-bit character for appending

Return Value

This writer

Exception

- **IOException** -- if an I/O error occurs..

Example

The following example shows the usage of **public Writer append***char*c method.

```
package com.tutorialspoint;

import java.io.BufferedWriter;
import java.io.IOException;
import java.io.StringReader;
import java.io.StringWriter;

public class BufferedWriterDemo {
    public static void main(String[] args) throws Exception {

        StringWriter sw = null;
        BufferedWriter bw = null;

        // create string reader
        StringReader sr = new StringReader("ABCDEFGH");

        try{
            // create string writer
            sw = new StringWriter();

            //create buffered writer
            bw = new BufferedWriter(sw);

            int value = 0;

            // read string reader till end
            while((value=sr.read())!=-1)
            {
                // convert integers to respective characters
                char c = (char)value;
                // append characters to buffered writer
                bw.append(c);
            }
            // forces out the characters to string writer
            bw.flush();
        }
```

```
// string buffer is created
StringBuffer sb = sw.getBuffer();

//prints the string
System.out.println(sb);

}catch(IOException e){
    // if I/O error occurs
    e.printStackTrace();
}finally{
    // releases any system resources associated with the stream
    if(sw!=null)
        sw.close();
    if(bw!=null)
        bw.close();
    if(sr!=null)
        sr.close();
}
}
```

Let us compile and run the above program, this will produce the following result:

ABCDEFGF

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