Java BufferedOutputStream Class

Java BufferedOutputStream class is used for buffering an output stream. It internally uses buffer to store data. It adds more efficiency than to write data directly into a stream. So, it makes the performance fast.

For adding the buffer in an OutputStream, use the BufferedOutputStream class.

**Let's see the syntax for adding the buffer in an OutputStream**:

1. OutputStream os= **new** BufferedOutputStream(**new** FileOutputStream("D:\\Cat.txt"));

**Java BufferedOutputStream class declaration**

Let's see the declaration for Java.io.BufferedOutputStream class:

1. **public** **class** BufferedOutputStream **extends** FilterOutputStream

**Java BufferedOutputStream class constructors**

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| **Constructor** | **Description** |
| BufferedOutputStream(OutputStream os) | It creates the new buffered output stream which is used for writing the data to the specified output stream. |
| BufferedOutputStream(OutputStream os, int size) | It creates the new buffered output stream which is used for writing the data to the specified output stream with a specified buffer size. |

**Java BufferedOutputStream class methods**

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| **Method** | **Description** |
| void write(int b) | It writes the specified byte to the buffered output stream. |
| void write(byte[] b, int off, int len) | It write the bytes from the specified byte-input stream into a specified byte array, starting with the given offset |
| void flush() | It flushes the buffered output stream. |

**Java BufferedOutputStream class constructors & Java BufferedOutputStream class methods**

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| **package** com.company;  **import** java.io.\*;  **public class** Main {   **public static void** main(String[] args) {  **try** {  FileOutputStream fileOutputStream = **new** FileOutputStream(**"D:\\Cat.txt"**);  BufferedOutputStream bufferedOutputStream = **new** BufferedOutputStream(fileOutputStream);  String s = **"java is my language"**;  **byte** b[] = s.getBytes();  bufferedOutputStream.write(b);  bufferedOutputStream.flush();  bufferedOutputStream.close();  fileOutputStream.close();  System.***out***.println(**"success......."**);  } **catch** (Exception ex){  System.***out***.println(**"Message : "** + ex);  }  } } | success.......  java is my language |