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jminusminus

# Class CLConstantIntegerInfo

- java.lang.Object

  - jminusminus.CLCPInfo

    - jminusminus.CLConstantIntegerInfo

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```
class CLConstantIntegerInfo
extends CLCPInfo
```

Representation of CONSTANT_Integer_info structure (JVM Spec Section 4.5.4).

- **Field Summary**

| Fields | |
| --- | --- |
| **Modifier and Type** | **Field and Description** |
| int | **i** <br> The int number. |

- **Fields inherited from class jminusminus.CLCPInfo**

  cpIndex, tag

- **Constructor Summary**

| Constructors |
| --- |
| **Constructor and Description** |
| **CLConstantIntegerInfo**(int i) <br> Construct a CLConstantIntegerInfo object. |

- **Method Summary**

Methods

| Modifier and Type | Method and Description |
|---|---|
| short[] | **bytes**() <br> Return CONSTANT_Integer_info.bytes item. |
| boolean | **equals**(Object obj) |
| void | **write**(CLOutputStream out) <br> Write the contents of this constant pool item to the specified output stream. |
| void | **writeToStdOut**(PrettyPrinter p) <br> Write the content of this object to STDOUT in a format similar to that of javap. |

- **Methods inherited from class java.lang.Object**

  clone, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

- **Field Detail**

  - **i**

  `public int i`

  The int number.

- **Constructor Detail**

  - **CLConstantIntegerInfo**

  `publicCLConstantIntegerInfo(inti)`

  Construct a CLConstantIntegerInfo object.
  **Parameters:**
  i - the int number.

- **Method Detail**

  - **bytes**

  `publicshort[]bytes()`

  Return CONSTANT_Integer_info.bytes item.
  **Returns:**
  CONSTANT_Integer_info.bytes item.

  - **write**

  `publicvoidwrite(CLOutputStreamout)`
  `        throws IOException`

  **Description copied from class: CLCPInfo**
  Write the contents of this constant pool item to the specified output stream.
  **Overrides:**

write in class `CLCPInfo`

**Parameters:**
    `out` - output stream.

**Throws:**
    `IOException` - if an error occurs while writing.

- **equals**

`publicbooleanequals(Objectobj)`

**Overrides:**
    `equals` in class `Object`

- **writeToStdOut**

`publicvoidwriteToStdOut(PrettyPrinterp)`

**Description copied from class: `CLCPInfo`**

Write the content of this object to STDOUT in a format similar to that of javap.

**Overrides:**
    `writeToStdOut` in class `CLCPInfo`

**Parameters:**
    `p` - for pretty printing with indentation.