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jminusminus

Class CLCPInfo

- [java.lang.Object](#)
- [jminusminus.CLCPInfo](#)

- [Direct Known Subclasses:](#)

[CLConstantClassInfo](#), [CLConstantDoubleInfo](#), [CLConstantFloatInfo](#),
[CLConstantIntegerInfo](#), [CLConstantLongInfo](#), [CLConstantMemberRefInfo](#),
[CLConstantNameAndTypeInfo](#), [CLConstantStringInfo](#), [CLConstantUtf8Info](#)

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```
abstract class CLCPInfo  
extends Object
```

Representation of cp_info structure (JVM Spec Section 4.5). Classes representing individual constant pool items inherit this class. Instances of these classes are created and populated into the constant pool table when a class is read using CLAbsorber or constructed using CLEmitter.

- **Field Summary**

Modifier and Type	Fields	Field and Description
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int	cpIndex	Index of this object into the constant pool.
short	tag	cp_info.tag item.

- **Constructor Summary**

Constructors

Constructor and Description

CLCPInfo()

- **Method Summary**

Methods

Modifier and Type

Method and Description

void

write([CLOutputStream](#) out)

Write the contents of this constant pool item to the specified output stream.

void

writeToStdOut([PrettyPrinter](#) p)

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

- **Methods inherited from class [java.lang.Object](#)**

[clone](#), [equals](#), [finalize](#), [getClass](#), [hashCode](#), [notify](#), [notifyAll](#), [toString](#), [wait](#), [wait](#), [wait](#)

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- **Field Detail**

- **cpIndex**
`public int cpIndex`

Index of this object into the constant pool.

- **tag**
`public short tag`

cp_info.tag item.

- **Constructor Detail**

- **CLCPInfo**

`CLCPInfo()`

- **Method Detail**

- **write**

`public void write(CLOutputStream out)
throws IOException`

Write the contents of this constant pool item to the specified output stream.

Parameters:

out - output stream.

Throws:

[IOException](#) - if an error occurs while writing.

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- **writeToStdOut**

```
public void writeToStdOut(PrettyPrinter p)
```

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

Parameters:

p - for pretty printing with indentation.

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