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jminusminus

## Class CLLineNumberTableAttribute

- java.lang.Object
  - jminusminus.CLObjectAttributeInfo
    - jminusminus.CLLineNumberTableAttribute

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```
class CLLineNumberTableAttribute  
extends CLAttributeInfo
```

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Representation of LineNumberTable\_attribute structure (JVM Spec Section 4.8.11).

### • Field Summary

Fields	
Modifier and Type	Field and Description
ArrayList<CLLineNumberTableAttributeInfo>	<b>lineNumberTable</b> LineNumberTable_attribute.line_number_table item.
int	<b>lineNumberTableLength</b> LineNumberTable_attribute.line_number_table_length item.

- **Fields inherited from class jminusminus.CLObjectAttributeInfo**  
attributeLength, attributeNameIndex

### • Constructor Summary

Constructors  
Constructor and Description

```
CLLineNumberTableAttribute(int attributeNameIndex,
long attributeLength, int lineNumberTableLength,
ArrayList<CLLineNumberInfo> lineNumberTable)
Construct a CLLineNumberTableAttribute object.
```

- **Method Summary**

Methods	
Modifier and Type	Method and Description
void	<b>write</b> ( <a href="#">CLOutputStream</a> out) Write the contents of this attribute to the specified output stream.
void	<b>writeToStdOut</b> ( <a href="#">PrettyPrinter</a> p) Write the contents of this attribute 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

- **lineNumberTableLength**

```
public int lineNumberTableLength
```

LineNumberTable\_attribute.line\_number\_table\_length item.

- **lineNumberTable**

```
public ArrayList<CLLineNumberInfo> lineNumberTable
```

LineNumberTable\_attribute.line\_number\_table item.

- **Constructor Detail**

- **CLLineNumberTableAttribute**

```
public CLLineNumberTableAttribute(int attributeNameIndex,
                                long attributeLength,
                                int lineNumberTableLength,
                                ArrayList<CLLineNumberInfo> lineNumberTable)
```

Construct a CLLineNumberTableAttribute object.

**Parameters:**

attributeNameIndex -

LineNumberTable\_attribute.attribute\_name\_index item.

attributeLength - LineNumberTable\_attribute.attribute\_length item.

lineNumberTableLength -

LineNumberTable\_attribute.line\_number\_table\_length item.

lineNumberTable - LineNumberTable\_attribute.line\_number\_table item.

- **Method Detail**

- **write**

```
public void write(CLOutputStream out)
    throws IOException
```

**Description copied from class: `CLAttributeInfo`**

Write the contents of this attribute to the specified output stream.

**Overrides:**

`write` in class `CLAttributeInfo`

**Parameters:**

out - output stream.

**Throws:**

`IOException` - if an error occurs while writing.

- **writeToStdOut**

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

**Description copied from class: `CLAttributeInfo`**

Write the contents of this attribute to STDOUT in a format similar to that of javap.

**Overrides:**

`writeToStdOut` in class `CLAttributeInfo`

**Parameters:**

p - for pretty printing with indentation.

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