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jminusminus

Class CLAnnotation

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

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```
class CLAnnotation
extends Object
```

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Representation of annotation structure (JVM Spec Section 4.8.15).

- **Field Summary**

Fields	
Modifier and Type	Field and Description
<code>ArrayList<CLElementValuePair></code>	elementValuePairs annotation.element_value_pairs item.
<code>int</code>	numElementValuePairs annotation.num_element_value_pairs item.
<code>int</code>	typeIndex annotation.type_index item.

- **Constructor Summary**

Constructors
Constructor and Description

```
CLAnnotation(int typeIndex, int numElementValuePairs,
ArrayList<CLElementValuePair> elementValuePairs)
```

Construct a CLAnnotation object.

- **Method Summary**

Methods	
Modifier and Type	Method and Description
void	write (<code>CLOutputStream out</code>) Write the contents of this object to the specified output stream.
void	writeToStdOut (<code>PrettyPrinter p</code>) 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`

- **Field Detail**

- **typeIndex**

`public int typeIndex`
annotation.type_index item.

- **numElementValuePairs**

`public int numElementValuePairs`
annotation.num_element_value_pairs item.

- **elementValuePairs**

`public ArrayList<CLElementValuePair> elementValuePairs`
annotation.element_value_pairs item.

- **Constructor Detail**

- **CLAnnotation**

`public CLAnnotation(int typeIndex,
int numElementValuePairs,
ArrayList<CLElementValuePair> elementValuePairs)`

Construct a CLAnnotation object.

Parameters:

`typeIndex` - annotation.type_index item.
`numElementValuePairs` - annotation.num_element_value_pairs item.
`elementValuePairs` - annotation.element_value_pairs item.

- **Method Detail**

- **write**

`public void write(CLOutputStream out)
throws IOException`

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

Parameters:

out - output stream.

Throws:

`IOException` - if an error occurs while writing.

- **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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