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jminusminus

Class `CLInnerClassesAttribute`

- `java.lang.Object`
 - `jminusminus.CLAttributeInfo`
 - `jminusminus.CLInnerClassesAttribute`

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```
class CLInnerClassesAttribute  
extends CLAttributeInfo
```

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Representation of `InnerClasses_attribute` structure (JVM Spec Section 4.8.5). This is a required class attribute. Note that this is just to register the inner classes with its parent class, and does not create the classes, which can be done using `CLEmitter`.

- **Field Summary**

Fields	
Modifier and Type	Field and Description
<code>ArrayList<CLInnerClassInfo></code>	classes InnerClasses_attribute.classes item.
<code>int</code>	numberOfClasses InnerClasses_attribute.number_of_classes item.

- **Fields inherited from class `jminusminus.CLAttributeInfo`**
`attributeLength`, `attributeNameIndex`

- **Constructor Summary**

Constructors

Constructor and Description

```
CLInnerClassesAttribute(int attributeNameIndex,  
long attributeLength, int numberOfClasses,  
ArrayList<CLInnerClassInfo> classes)  
Construct a CLInnerClassesAttribute object.
```

- **Method Summary**

Methods	
Modifier and Type	Method and Description
void	write (CLOutputStream out) Write the contents of this attribute to the specified output stream.
void	writeToStdOut (PrettyPrinter 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`

- **Field Detail**

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- **numberOfClasses**

public int numberOfClasses

InnerClasses_attribute.number_of_classes item.

- **classes**

public ArrayList<CLInnerClassInfo> classes

InnerClasses_attribute.classes item.

- **Constructor Detail**

- **CLInnerClassesAttribute**

```
public CLInnerClassesAttribute(int attributeNameIndex,  
                                long attributeLength,  
                                int numberOfClasses,  
                                ArrayList<CLInnerClassInfo> classes)
```

Construct a CLInnerClassesAttribute object.

Parameters:

attributeNameIndex -

InnerClasses_attribute.attribute_name_index item.

attributeLength - InnerClasses_attribute.attribute_length item.

numberOfClasses - InnerClasses_attribute.number_of_classes item.

classes - InnerClasses_attribute.classes 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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