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jminusminus

## Class CLRuntimeVisibleParameterAnnotationsAttribute

- [java.lang.Object](#)
  - [jminusminus.CLObjectInfo](#)
    - [jminusminus.CLRuntimeVisibleParameterAnnotationsAttribute](#)

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```
class CLRuntimeVisibleParameterAnnotationsAttribute  
extends CLAttributeInfo
```

Representation of RuntimeVisibleParameterAnnotations\_attribute structure (JVM Spec Section 4.8.17).

### • Field Summary

Fields	
Modifier and Type	Field and Description
short	<b>numParameters</b> RuntimeVisibleParameterAnnotations_attribute.num_parameters item.
ArrayList<CLParameterAnnotationInfo>	<b>parameterAnnotations</b> RuntimeVisibleParameterAnnotations_attribute.

- **Fields inherited from class jminusminus.CLAttributeInfo**  
[attributeLength](#), [attributeNameIndex](#)

### • Constructor Summary

Constructors  
**Constructor and Description**

**CLRuntimeVisibleParameterAnnotationsAttribute**(int attributeIndex, long attributeLength, short numParameters, ArrayList<CLParameterAnnotationInfo> parameterAnnotations)  
Construct a CLRuntimeVisibleParameterAnnotationsAttribute object.

- **Method Summary**

Methods	
Modifier and Type	Method and Description
void	<b>write</b> (CLOutputStream out) Write the contents of this attribute to the specified output stream.
void	<b>writeToStdOut</b> (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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- **numParameters**

public short numParameters

RuntimeVisibleParameterAnnotations\_attribute.num\_parameters item.

- **parameterAnnotations**

public ArrayList<CLParameterAnnotationInfo> parameterAnnotations

RuntimeVisibleParameterAnnotations\_attribute.parameter\_annotations item.

- **Constructor Detail**

- **CLRuntimeVisibleParameterAnnotationsAttribute**

```
public CLRuntimeVisibleParameterAnnotationsAttribute(int attributeIndex,
                                                    long attributeLength,
                                                    short numParameters,
                                                    ArrayList<CLParameterAnnotationInfo> parameterAnnotations)
```

Construct a CLRuntimeVisibleParameterAnnotationsAttribute object.

**Parameters:**

attributeNameIndex -

RuntimeVisibleParameterAnnotations\_attribute.attribute\_name\_index item.

attributeLength -

RuntimeVisibleParameterAnnotations\_attribute.attribute\_length item.

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numParameters -  
RuntimeVisibleParameterAnnotations\_attribute.num\_parameters item.  
parameterAnnotations -  
RuntimeVisibleParameterAnnotations\_attribute.  
parameter\_annotations 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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