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jminusminus

Class CLRuntimeVisibleAnnotationsAttribute

- java.lang.Object
  - jminusminus.CLAttributeInfo
    - jminusminus.CLRuntimeVisibleAnnotationsAttribute

```
class CLRuntimeVisibleAnnotationsAttribute
extends CLAttributeInfo
```

Representation of RuntimeVisibleAnnotations_attribute structure (JVM Spec Section 4.8.15).

- **Field Summary**

Fields

Modifier and Type	Field and Description
ArrayList<CLAnnotation>	**annotations** RuntimeVisibleAnnotations_attribute.annotations item.
int	**numAnnotations** RuntimeVisibleAnnotations_attribute.num_annotations item.

- **Fields inherited from class jminusminus.CLAttributeInfo**

  attributeLength, attributeNameIndex

- **Constructor Summary**

Constructors

Constructor and Description

```
CLRuntimeVisibleAnnotationsAttribute(int attributeNameIndex,
long attributeLength, int numAnnotations,
ArrayList<CLAnnotation> annotations)
```
Construct a CLRuntimeVisibleAnnotationsAttribute 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**

  - **numAnnotations**

  publicint numAnnotations

  RuntimeVisibleAnnotations_attribute.num_annotations item.

  - **annotations**

  publicArrayList<CLAnnotation> annotations

  RuntimeVisibleAnnotations_attribute.annotations item.

- **Constructor Detail**

  - **CLRuntimeVisibleAnnotationsAttribute**

  publicCLRuntimeVisibleAnnotationsAttribute(intattributeNameIndex,
                                           longattributeLength,
                                           intnumAnnotations,

  ArrayList<CLAnnotation>annotations)

  Construct a CLRuntimeVisibleAnnotationsAttribute object.
  Parameters:
      attributeNameIndex -
      RuntimeVisibleAnnotations_attribute.attribute_name_index item.
      attributeLength -
      RuntimeVisibleAnnotations_attribute.attribute_length item.
      numAnnotations -
      RuntimeVisibleAnnotations_attribute.num_annotations item.
      annotations - RuntimeVisibleAnnotations_attribute.annotations

item.

- **Method Detail**

  - **write**

```
publicvoidwrite(CLOutputStreamout)
          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**

```
publicvoidwriteToStdOut(PrettyPrinterp)
```

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.