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jminusminus

Class CLElementValue

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

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```
class CLElementValue
extends Object
```

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Representation of element_value union (JVM Spec Section 4.8.15.1).

- **Field Summary**

Fields	
Modifier and Type	Field and Description
<code>CLAnnotation</code>	<code>annotationValue</code> element_value.annotation_value item.
<code>int</code>	<code>classInfoIndex</code> element_value.class_info_index item.
<code>int</code>	<code>constNameIndex</code> element_value.enum_const_value.const_name_index item.
<code>int</code>	<code>constValueIndex</code> element_value.const_value_index item.
<code>int</code>	<code>numValues</code> element_value.array_value.numValues item.
<code>short</code>	<code>tag</code> element_value.tag item.

int	typeNameIndex element_value.enum_const_value.type_name_index item.
ArrayList<CLElementValue>	values element_value.array_value.values item.

- **Constructor Summary**

Constructors
Constructor and Description

CLElementValue(CLAnnotation annotationValue)
Construct a CLElementValue object.

CLElementValue(int classInfoIndex)
Construct a CLElementValue object.

CLElementValue(int numValues, ArrayList<CLElementValue> values)
Construct a CLElementValue object.

CLElementValue(int typeNameIndex, int constNameIndex)
Construct a CLElementValue object.

CLElementValue(short tag, int constValueIndex)
Construct a CLElementValue object.

- **Method Summary**

Methods

Modifier and Type **Method and Description**

void **write**(CLOutputStream out)
Write the contents of this object to the specified output stream.

void **writeToStdOut**(PrettyPrinter p)
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**

- **tag**

publicshort tag

element_value.tag item.

- **constValueIndex**

publicint constValueIndex

element_value.const_value_index item.

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- **typeNameIndex**

public int typeNameIndex

element_value.enum_const_value.type_name_index item.

- **constNameIndex**

public int constNameIndex

element_value.enum_const_value.const_name_index item.

- **classInfoIndex**

public int classInfoIndex

element_value.class_info_index item.

- **annotationValue**

public [CAnnotation](#) annotationValue

element_value.annotation_value item.

- **numValues**

public int numValues

element_value.array_value.numValues item.

- **values**

public [ArrayList](#)<[CLElementValue](#)> values

element_value.array_value.values item.

- **Constructor Detail**

- **CLElementValue**

public [CLElementValue](#)(short tag,
int constValueIndex)

Construct a [CLElementValue](#) object.

Parameters:

tag - element_value.tag item.

constValueIndex - element_value.const_value_index item.

- **CLElementValue**

public [CLElementValue](#)(int typeNameIndex,
int constNameIndex)

Construct a [CLElementValue](#) object.

Parameters:

typeNameIndex - element_value.type_name_index item.

constNameIndex - element_value.const_name_index item.

- **CLElementValue**

public [CLElementValue](#)(int classInfoIndex)

Construct a [CLElementValue](#) object.

Parameters:

classInfoIndex - element_value.class_info_index item.

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- **CLElementValue**

```
public CLElementValue(CLElementValue annotationValue)
```

Construct a CLElementValue object.

Parameters:

annotationValue - element_value.annotation_value item.

- **CLElementValue**

```
public CLElementValue(int numValues,  
    ArrayList<CLElementValue> values)
```

Construct a CLElementValue object.

Parameters:

numValues - element_value.num_values.

values - element_value.values.

- **Method Detail**

- **write**

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

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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