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jminusminus

## Class CLocalVariableTypeTableAttribute

- [java.lang.Object](#)
  - [jminusminus.CAttributeInfo](#)
    - [jminusminus.CLocalVariableTypeTableAttribute](#)

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```
class CLocalVariableTypeTableAttribute  
extends CAttributeInfo
```

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Representation of LocalVariableTypeTable\_attribute structure (JVM Spec Section 4.8.12).

### • Field Summary

Fields	
Modifier and Type	Field and Description
<code>ArrayList&lt;CLocalVariableTypeTableAttributeInfo&gt;</code>	<b>localVariableTypeTable</b> LocalVariableTypeTable_attribute.local_variable_type_table item.
<code>int</code>	<b>localVariableTypeTableLength</b> LocalVariableTypeTable_attribute.

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

### • Constructor Summary

Constructors  
**Constructor and Description**

```
CLLocalVariableTypeTableAttribute(int attributeNameIndex,
long attributeLength, int localVariableTypeTableLength,
ArrayList<CLLocalVariableTypeInfo> localVariableTypeTable)
Construct a CLLocalVariableTypeTableAttribute object.
```

- **Method Summary**

Methods	
Modifier and Type	Method and Description
void	<b>write</b> ( <a href="#">CLOutputStream</a> out) Write the contents of this attribute to the specified output stream.
void	<b>writeToStdOut</b> ( <a href="#">PrettyPrinter</a> 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](#)

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### Field Detail

- **localVariableTypeTableLength**

```
public int localVariableTypeTableLength
```

LocalVariableTypeTable\_attribute.local\_variable\_type\_table\_length item.

- **localVariableTypeTable**

```
public ArrayList<CLLocalVariableTypeInfo> localVariableTypeTable
```

LocalVariableTypeTable\_attribute.local\_variable\_type\_table item.

- **Constructor Detail**

- **CLLocalVariableTypeTableAttribute**

```
public CLLocalVariableTypeTableAttribute(int attributeNameIndex,
                                         long attributeLength,
                                         int localVariableTypeTableLength,
                                         ArrayList<CLLocalVariableTypeInfo> localVariableTypeTable)
```

Construct a CLLocalVariableTypeTableAttribute object.

**Parameters:**

attributeNameIndex -

LocalVariableTypeTable\_attribute.attribute\_name\_index item.

attributeLength -

LocalVariableTypeTable\_attribute.attribute\_length item.

localVariableTypeTableLength -

LocalVariableTypeTable\_attribute.local\_variable\_type\_table\_length item.

localVariableTypeTable -

LocalVariableTypeTable\_attribute.local\_variable\_type\_table item.

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- **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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