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- **Prev Class**
- **Next Class**

- Frames
- No Frames

- All Classes

- Summary:
- Nested |
- Field |
- Constr |
- Method

- Detail:
- Field |
- Constr |
- Method

jminusminus

Class CLLocalVariableTableAttribute

- java.lang.Object
  - jminusminus.CLAttributeInfo
    - jminusminus.CLLocalVariableTableAttribute

```
class CLLocalVariableTableAttribute
extends CLAttributeInfo
```

Representation of LocalVariableTable_attribute structure (JVM Spec Section 4.8.12).

- **Field Summary**

Fields

Modifier and Type	Field and Description
ArrayList<CLLocalVariableInfo>	**localVariableTable** LocalVariableTable_attribute.local_variable_table item.
int	**localVariableTableLength** LocalVariableTable_attribute.local_variable_table_length item.

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

  attributeLength, attributeNameIndex

- **Constructor Summary**

Constructors

Constructor and Description

```
CLLocalVariableTableAttribute(int attributeNameIndex,
long attributeLength, int localVariableTableLength,
ArrayList<CLLocalVariableInfo> localVariableTable)
```
Construct a CLLocalVariableTableAttribute 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**

  - **localVariableTableLength**

    ```
    public int localVariableTableLength
    ```

    LocalVariableTable_attribute.local_variable_table_length item.

  - **localVariableTable**

    ```
    public ArrayList<CLLocalVariableInfo> localVariableTable
    ```

    LocalVariableTable_attribute.local_variable_table item.

- **Constructor Detail**

  - **CLLocalVariableTableAttribute**

    ```
    public CLLocalVariableTableAttribute(int attributeNameIndex,
                                         long attributeLength,
                                         int localVariableTableLength,
                                         ArrayList<CLLocalVariableInfo> localVariableTable)
    ```

    Construct a CLLocalVariableTableAttribute object.

    Parameters:

    attributeNameIndex - LocalVariableTable_attribute.attribute_name_index item.
    attributeLength - LocalVariableTable_attribute.attribute_length item.
    localVariableTableLength - LocalVariableTable_attribute.local_variable_table_length item.
    localVariableTable - LocalVariableTable_attribute.local_variable_table 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.