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jminusminus

Class CLSourceFileAttribute

- java.lang.Object
  - jminusminus.CLAttributeInfo
    - jminusminus.CLSourceFileAttribute

```
class CLSourceFileAttribute
extends CLAttributeInfo
```

Representation of SourceFile_attribute structure (JVM Spec Section 4.8.9).

- **Field Summary**

Fields

Modifier and Type	Field and Description
int	**sourceFileIndex** SourceFile_attribute.sourcefile_index item.

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

  attributeLength, attributeNameIndex

- **Constructor Summary**

Constructors

Constructor and Description
CLSourceFileAttribute(int attributeNameIndex, long attributeLength, int sourceFileIndex)

Construct a CLSourceFileAttribute 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**

  - **sourceFileIndex**

    `public int sourceFileIndex`

    SourceFile_attribute.sourcefile_index item.

- **Constructor Detail**

  - **CLSourceFileAttribute**

    `public CLSourceFileAttribute(int attributeNameIndex,`
    `                             long attributeLength,`
    `                             int sourceFileIndex)`

    Construct a CLSourceFileAttribute object.
    Parameters:
    `attributeNameIndex` - SourceFile_attribute.attribute_name_index item.
    `attributeLength` - SourceFile_attribute.attribute_length item.
    `sourceFileIndex` - SourceFile_attribute.sourcefile_index 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**

```
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.