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jminusminus

Class CLExceptionsAttribute

- java.lang.Object
    - jminusminus.CLAttributeInfo
        - jminusminus.CLExceptionsAttribute

```
class CLExceptionsAttribute
extends CLAttributeInfo
```

Representation of Exceptions_attribute structure (JVM Spec Section 4.8.4). This is a required method attribute.

- **Field Summary**

Modifier and Type	Field and Description
	Fields
ArrayList<Integer>	**exceptionIndexTable** Exceptions_attribute.exception_index_table item.
int	**numberOfExceptions** Exceptions_attribute.number_of_exceptions item.

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

    attributeLength, attributeNameIndex

- **Constructor Summary**

Constructors
Constructor and Description

```
CLExceptionsAttribute(int attributeNameIndex,
long attributeLength, int numberOfExceptions,
ArrayList<Integer> exceptionIndexTable)
```
Construct a CLExceptionsAttribute 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**

  - **numberOfExceptions**

  publicint numberOfExceptions

  Exceptions_attribute.number_of_exceptions item.

  - **exceptionIndexTable**

  publicArrayList<Integer> exceptionIndexTable

  Exceptions_attribute.exception_index_table item.

- **Constructor Detail**

  - **CLExceptionsAttribute**

  publicCLExceptionsAttribute(intattributeNameIndex,
                              longattributeLength,
                              intnumberOfExceptions,
                              ArrayList<Integer>exceptionIndexTable)

  Construct a CLExceptionsAttribute object.
  Parameters:
      attributeNameIndex - Exceptions_attribute.attribute_name_index item.
      attributeLength - Exceptions_attribute.attribute_length item.
      numberOfExceptions - Exceptions_attribute.number_of_exceptions item.
      exceptionIndexTable - Exceptions_attribute.exception_index_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.

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

- Frames
- No Frames

- All Classes

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

- Detail:
- Field |
- Constr |
- Method