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jminusminus

Class CLMemberInfo

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```
abstract class CLMemberInfo
extends Object
```

Abstraction of field_info and method_info structures (JVM Spec Section 4.6, 4.7). CLFieldInfo and CLMethodInfo classes in this file provide concrete implementations. Instances of these classes are created to store information about class members (fields and methods) when a class is read using CLAbsorber or created using CLEmitter.

• Field Summary

Fields	
Modifier and Type	Field and Description
int	accessFlags member_info.access_flags item.
ArrayList<CLAttributeInfo>	attributes member_info.attributes item.
int	attributesCount member_info.attributes_count item.
int	descriptorIndex member_info.descriptor_index item.

int	nameIndex member_info.name_index item.
-----	--

- **Constructor Summary**

Constructors

Modifier	Constructor and Description
-----------------	------------------------------------

protected	CLMemberInfo (int accessFlags, int nameIndex, int descriptorIndex, int attributesCount, ArrayList<CLAttributeInfo> attributes) Construct a CLMemberInfo object.
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- **Method Summary**

Methods

Modifier and Type	Method and Description
--------------------------	-------------------------------

void	write (CLOutputStream out) Write the contents of this class member to the specified output stream.
------	--

void	writeToStdOut (PrettyPrinter p) Write the contents of this class member 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**

- **accessFlags**

public int accessFlags

member_info.access_flags item.

- **nameIndex**

public int nameIndex

member_info.name_index item.

- **descriptorIndex**

public int descriptorIndex

member_info.descriptor_index item.

- **attributesCount**

public int attributesCount

member_info.attributes_count item.

- **attributes**

public ArrayList<CLAttributeInfo> attributes

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member_info.attributes item.

- **Constructor Detail**

- **CLMemberInfo**

```
protectedCLMemberInfo(intaccessFlags,  
                        intnameIndex,  
                        intdescriptorIndex,  
                        intattributesCount,  
                        ArrayList<CLAttributeInfo>attributes)
```

Construct a CLMemberInfo object.

Parameters:

accessFlags - member_info.access_flags item.

nameIndex - member_info.name_index item.

descriptorIndex - member_info.descriptor_index item.

attributesCount - member_info.attributes_count item.

attributes - member_info.attributes item.

- **Method Detail**

- **write**

```
publicvoidwrite(CLOutputStreamout)  
               throws IOException
```

Write the contents of this class member to the specified output stream.

Parameters:

out - output stream.

Throws:

IOException

- **writeToStdOut**

```
publicvoidwriteToStdOut(PrettyPrinterp)
```

Write the contents of this class member to STDOUT in a format similar to that of javap.

Parameters:

p - for pretty printing.

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