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- [Prev Class](#)
- [Next Class](#)

- [Frames](#)
- [No Frames](#)

- [All Classes](#)

- [Summary:](#)
- [Nested |](#)
- [Field |](#)
- [Constr |](#)
- [Method](#)

- [Detail:](#)
- [Field |](#)
- [Constr |](#)
- [Method](#)

jminusminus

Class CLObjectInstruction

- [java.lang.Object](#)
 - [jminusminus.CLObjectInstruction](#)
 - [jminusminus.CLObjectInstruction](#)

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```
class CLObjectInstruction  
extends CInstruction
```

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Representation for OBJECT instructions.

- **Field Summary**

- **Fields inherited from class [jminusminus.CInstruction](#)**

`instructionInfo`, `localVariableIndex`, `mnemonic`, `opcode`,
`operandCount`, `pc`, `stackUnits`

- **Constructor Summary**

Constructors

Constructor and Description

```
CLObjectInstruction(int opcode, int pc, int index)
```

Construct a CLObjectInstruction object.

- **Method Summary**

Methods

Modifier and Type

Method and Description

```
ArrayList<Integer> toBytes()
```

Return the bytecode for this instruction.

- **Methods inherited from class `jminusminus.CLIInstruction`**

`byteAt`, `isValid`, `localVariableIndex`, `mnemonic`, `opcode`, `operandCount`, `pc`, `stackUnits`

- **Methods inherited from class `java.lang.Object`**

`clone`, `equals`, `finalize`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

- **Constructor Detail**

- **`CLObjectInstruction`**

```
public CLObjectInstruction(int opcode,
                           int pc,
                           int index)
```

Construct a `CLObjectInstruction` object.

Parameters:

`opcode` - the opcode for this instruction.

`pc` - index of this instruction within the code array of a method.

`index` - index into the constant pool, the item at which identifies the object.

- **Method Detail**

- **`toBytes`**

```
public ArrayList<Integer> toBytes()
```

Description copied from class: `CLIInstruction`

Return the bytecode for this instruction.

Specified by:

`toBytes` in class `CLIInstruction`

Returns:

bytecode.

- Overview
- Package
- **Class**
- Tree
- Deprecated
- Index
- Help

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

- Frames
- No Frames

- All Classes

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

- Detail:
- Field |
- Constr |
- Method

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