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jminusminus

Class CLFieldInstruction

- java.lang.Object
  - jminusminus.CLInstruction
    - jminusminus.CLFieldInstruction

```
class CLFieldInstruction
extends CLInstruction
```

Representation for FIELD instructions.

- **Field Summary**

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

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

- **Constructor Summary**

Constructors

Constructor and Description
CLFieldInstruction(int opcode, int pc, int index, int stackUnits)   Construct a CLFieldInstruction object.

- **Method Summary**

Methods

Modifier and Type	Method and Description

ArrayList<Integer>	**toBytes**() Return the bytecode for this instruction.

- **Methods inherited from class jminusminus.CLInstruction**

  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**

  - **CLFieldInstruction**

  publicCLFieldInstruction(intopcode,
                   intpc,
                   intindex,
                   intstackUnits)

  Construct a CLFieldInstruction 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 contains the name and descriptor of the field.
  stackUnits - words produced, words consumed from the operand stack by this instruction.

- **Method Detail**

  - **toBytes**

  publicArrayList<Integer>toBytes()

  Description copied from class: CLInstruction

  Return the bytecode for this instruction.

  Specified by:
  toBytes in class CLInstruction
  Returns:
  bytecode.

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