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jminusminus

Class CLInsInfo

- java.lang.Object
  - jminusminus.CLInsInfo

.

___

```
class CLInsInfo
extends Object
```

This class stores static information about a JVM instruction.

- **Field Summary**

Fields

Modifier and Type	Field and Description
CLConstants.Category	**category** The category under which instruction belongs.
int	**localVariableIndex** Index of the local variable that this instruction refers to; applies only to instructions that operate on local variables.
String	**mnemonic** Mnemonic for this instruction.
int	**opcode** Opcode for this instruction.
int	**operandCount** Number of operands for this instruction.
int	**stackUnits**

Words produced - words consumed from the operand stack by this instruction.

- **Constructor Summary**

Constructors
Constructor and Description

CLInsInfo(int opcode, String mnemonic, int operandCount, int localVariableIndex, int stackUnits, CLConstants.Category category)
Construct a CLInsInfo object.

- **Method Summary**

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

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

- **Field Detail**

  - **opcode**

  public int opcode

Opcode for this instruction.

  - **mnemonic**

  public String mnemonic

Mnemonic for this instruction.

  - **operandCount**

  public int operandCount

Number of operands for this instruction.

  - **stackUnits**

  public int stackUnits

Words produced - words consumed from the operand stack by this instruction.

  - **localVariableIndex**

  public int localVariableIndex

Index of the local variable that this instruction refers to; applies only to instructions that operate on local variables.

  - **category**

  public CLConstants.Category category

The category under which instruction belongs.

- **Constructor Detail**

  - **CLInsInfo**

```
publicCLInsInfo(intopcode,
        Stringmnemonic,
        intoperandCount,
        intlocalVariableIndex,
        intstackUnits,
        CLConstants.Categorycategory)
```

Construct a CLInsInfo object.

Parameters:

`opcode` - opcode for this instruction.
`mnemonic` - name for this instruction.
`operandCount` - number of operands for this instruction.
`localVariableIndex` - index of the local variable that this instruction refers to.
`stackUnits` - words produced - words consumed from the operand stack by this instruction.
`category` - category under which this instruction belogs.