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jminusminus

## Class NLIRGoto

- [java.lang.Object](#)
  - [jminusminus.NLIRInstruction](#)
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```
class NLIRGoto
extends NLIRInstruction
```

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LIR instruction representing an unconditional jump instruction in JVM.

- **Field Summary**
- **Fields inherited from class [jminusminus.NLIRInstruction](#)**  
`block`, `id`, `lirMnemonic`, `reads`, `write`
- **Constructor Summary**

Constructors  
**Constructor and Description**

```
NLIRGoto(NBasicBlock block, int id, NBasicBlock destination)
Construct an NLIRGoto instruction.
```

- **Method Summary**

Methods

**Modifier and  
Type**

**Method and Description**

```
void toSpim(PrintWriter out)
```

Translate this LIR instruction into SPIM and write it out to the specified output stream.

String

**toString()**

Return a string representation of this instruction.

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

`allocatePhysicalRegisters`

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

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

- **Constructor Detail**

- **NLIRGoto**

```
public NLIRGoto(NBasicBlock block,
               int id,
               NBasicBlock destination)
```

Construct an NLIRGoto instruction.

**Parameters:**

`block` - enclosing block

`id` - identifier of the instruction.

`destination` - the block to jump to.

- **Method Detail**

- **toSpim**

```
public void toSpim(PrintWriter out)
```

**Description copied from class: `NLIRInstruction`**

Translate this LIR instruction into SPIM and write it out to the specified output stream.

**Overrides:**

`toSpim` in class `NLIRInstruction`

**Parameters:**

`out` - output stream for SPIM code.

- **toString**

```
public String toString()
```

**Description copied from class: `NLIRInstruction`**

Return a string representation of this instruction.

**Overrides:**

`toString` in class `NLIRInstruction`

**Returns:**

string representation of this instruction.

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