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jminusminus

Class NHIRGoto

- [java.lang.Object](#)
 - [jminusminus.NHIRInstruction](#)
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```
class NHIRGoto
extends NHIRInstruction
```

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HIR instruction representing an unconditional jump instruction in JVM.

• Field Summary

Modifier and Type	Fields
	Field and Description

NBasicBlock	destination
	The destination block to unconditionally jump to.

- **Fields inherited from class [jminusminus.NHIRInstruction](#)**
[block](#), [hirMnemonic](#), [id](#), [lir](#), [lType](#), [sType](#)

• Constructor Summary

Constructors
Constructor and Description

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

- **Method Summary**

Methods	
Modifier and Type	Method and Description
<code>NLIRInstruction</code>	<code>toLir()</code> Convert and return a low-level representation (LIR) of this HIR instruction.
<code>String</code>	<code>toString()</code> Return a string representation of this instruction.

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

`equals, id`

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

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

- **Field Detail**

- **`destination`**

`public NBasicBlock destination`

The destination block to unconditionally jump to.

- **Constructor Detail**

- **`NHIRGoto`**

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

Construct an NHIRGoto instruction.

Parameters:

`block` - enclosing block.

`id` - identifier of the instruction.

`destination` - the block to jump to.

- **Method Detail**

- **`toLir`**

`public NLIRInstruction toLir()`

Description copied from class: `NHIRInstruction`

Convert and return a low-level representation (LIR) of this HIR instruction. Also adds the returned LIR instruction to the list of LIR instructions for the block containing this instruction, along with any other intermediate LIR instructions needed.

Overrides:

`toLir` in class `NHIRInstruction`

Returns:

LIR instruction corresponding to this HIR instruction.

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- **toString**

```
publicStringtoString()
```

Description copied from class: `NHIRInstruction`

Return a string representation of this instruction.

Overrides:

`toString` in class `NHIRInstruction`

Returns:

string representation of this instruction.

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