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jminusminus

## Class NHIRLoadLocal

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

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HIR instruction representing a formal parameter.

- **Field Summary**

Modifier and Type	Fields
	Field and Description

int	<b>local</b> Local variable index.
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- **Fields inherited from class [jminusminus.NHIRInstruction](#)**  
[block](#), [hirMnemonic](#), [id](#), [lir](#), [lType](#), [sType](#)
- **Constructor Summary**

Constructors
Constructor and Description

```
NHIRLoadLocal(NBasicBlock block, int id, int local,  
String sType, String lType)  
Construct an NHIRLoadLocal instruction.
```

- **Method Summary**

Methods

**Modifier and Type**

**Method and Description**

<code>NLIRInstruction</code>	<b><code>toLir()</code></b> Convert and return a low-level representation (LIR) of this HIR instruction.
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<code>String</code>	<b><code>toString()</code></b> Return a string representation of this instruction.
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- **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**

- **local**

`public int local`

Local variable index.

- **Constructor Detail**

- **NHIRLoadLocal**

```
public NHIRLoadLocal(NBasicBlock block,
    int id,
    int local,
    String sType,
    String lType)
```

Construct an NHIRLoadLocal instruction.

**Parameters:**

`block` - enclosing block.

`id` - identifier of the instruction.

`local` - local variable index.

`sType` - short type name of the instruction.

`lType` - long type name of the instruction.

- **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`

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**Returns:**

LIR instruction corresponding to this HIR instruction.

- **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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