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jminusminus

Class NHIRLocal

- [java.lang.Object](#)
 - [jminusminus.NHIRInstruction](#)
 - [jminusminus.NHIRLocal](#)

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```
class NHIRLocal  
extends NHIRInstruction
```

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HIR instruction representing a local (not formal) variable.

• Field Summary

Modifier and Type	Fields
	Field and Description

int	local 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

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

- **Method Summary**

Modifier and Type	Methods	Method and Description
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String	toString()	Return a string representation of this instruction.
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- **Methods inherited from class jminusminus.NHIRInstruction**
equals, id, toLir
- **Methods inherited from class java.lang.Object**
clone, equals, finalize, getClass, hashCode, notify, notifyAll, wait, wait, wait

- **Field Detail**

- **local**
public int local

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- **Constructor Detail**

- **NHIRLocal**
public NHIRLocal(NBasicBlock block, int id, int local, String sType, String lType)

Construct an NHIRLocal 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**

- **toString**
public String toString()

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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