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jminusminus

Class NLIRPhiFunction

- [java.lang.Object](#)
 - [jminusminus.NLIRInstruction](#)
 - [jminusminus.NLIRPhiFunction](#)

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```
class NLIRPhiFunction  
extends NLIRInstruction
```

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LIR instruction representing phi functions.

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

```
NLIRPhiFunction(NBasicBlock block, int id, String sType,  
String lType)
```

Construct an NLIRPhiFunction instruction.

- [Method Summary](#)

Methods

**Modifier and
Type**

Method and Description

String

toString()

Return a string representation of this instruction.

- **Methods inherited from class jminusminus.NLIRInstruction**
allocatePhysicalRegisters, toSpim
- **Methods inherited from class java.lang.Object**
clone, equals, finalize, getClass, hashCode, notify, notifyAll, wait, wait, wait

- **Constructor Detail**

- **NLIRPhiFunction**

```
publicNLIRPhiFunction(NBasicBlockblock,  
                      intid,  
                      StringType,  
                      StringlType)
```

Construct an NLIRPhiFunction instruction.

Parameters:

block - enclosing block.

id - identifier of the instruction.

sType - type (short name) of the phi function.

lType - type (long name) of the phi function.

- **Method Detail**

- **toString**

```
publicStringtoString()
```

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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