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jminusminus

## Class Method

- [java.lang.Object](#)
  - [jminusminus.Member](#)
    - [jminusminus.Method](#)

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```
class Method
extends Member
```

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A Method knows its descriptor (its signature in JVM format), and its return type.

- **Constructor Summary**

Constructors

### Constructor and Description

**Method**([Method](#) method)

Construct a Method is constructed from its internal representation.

- **Method Summary**

Methods

### Modifier and Type

### Method and Description

boolean

**equals**([Method](#) that)

Method equality is defined HERE as having override-equivalent signatures.

protected  
[Member](#)

**member**( )

Return the member's internal representation.

Type	<b>returnType()</b> Return the method's return type.
String	<b>toDescriptor()</b> Return the JVM descriptor for this method.
String	<b>toString()</b> Return the Java representation for this method.

- **Methods inherited from class `jminusminus.Member`**  
`declaringType, isAbstract, isFinal, isPrivate, isProtected, isPublic, isStatic, name`
- **Methods inherited from class `java.lang.Object`**  
`clone, equals, finalize, getClass, hashCode, notify, notifyAll, wait, wait, wait`

- **Constructor Detail**

- **Method**

`publicMethod(Method method)`

Construct a Method is constructed from its internal representation.

**Parameters:**

`method` - a Java method in the reflection API.

- **Method Detail**

- **toDescriptor**

`publicString toDescriptor()`

Return the JVM descriptor for this method.

**Returns:**

the descriptor.

- **toString**

`publicString toString()`

Return the Java representation for this method.

**Overrides:**

`toString` in class `Object`

**Returns:**

the descriptor.

- **returnType**

`publicType returnType()`

Return the method's return type.

**Returns:**

the return type.

- **equals**

`publicboolean equals(Method that)`

Method equality is defined HERE as having override-equivalent signatures.

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**Parameters:**

that - the method we are comparing this to.

**Returns:**

true iff the methods are override-equivalent.

- **member**

```
protectedMember member()
```

Return the member's internal representation.

**Specified by:**

`member` in class `Member`

**Returns:**

the internal representation.

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