

Annotation Type OnMethod

@Retention(value=RUNTIME)

@Target(value=METHOD)

public @interface OnMethod

指定一个“探测点”，通过在Java类、方法和特定的位置上指定

This annotation specifies a BTrace probe point by specifying a java class (or classes), a method (or methods in it) and a specific location within it. A BTrace trace action method annotated by this annotation is called when matching the traced program reaches the specified location.

Author: 当匹配的追踪程序抵达“指定的位置”时，“追踪行为方法”会被调用

A. Sundararajan

Required Element Summary

Required Elements	必配元素	
Modifier and Type	Required Element and Description	
java.lang.String	clazz	待探测或追踪的“全路径类名/正则匹配/注解类”
	The probed (or traced)	class name.

Optional Element Summary

Optional Elements	可选元素	
Modifier and Type	Optional Element and Description	
boolean	follow	
Location	location	在“方法集”中标识精确的“位置”或感兴趣的“探测点”
	Identifies exact "location" or "point" of interest to probe	within the set of methods.
java.lang.String	method	待探测或追踪的“方法名/正则匹配/注解方法”
	The probed (or traced)	method name.
java.lang.String	type	方法类型声明
	This is method type declaration.	

Element Detail

clazz
public abstract java.lang.String clazz
The probed (or traced) class name. This is either fully qualified name of the class or regular

expression within two forward slash characters [like /java\\.awt\\.\\.+[/] or @annotation of the class. i.e., specify a class indirectly as a class annotated by specified annotation.

method

```
public abstract java.lang.String method
```

The probed (or traced) **method name**. This is either the name of the method or regular expression within two forward slash characters [like /read.+[/] or @annotation of the method. i.e., specify a method indirectly as a method annotated by specified annotation.

Default:

" "

type

```
public abstract java.lang.String type
```

This is method type declaration. This is like Java method declaration but not including method name, parameter names and throws clause. *

Eg. **public void myMethod(java.lang.String param)** will become **void (java.lang.String)**

Default:

" "

location

```
public abstract Location location
```

Identifies **exact "location" or "point" of interest to probe** within the set of **methods**.

Default:

@com.sun.btrace.annotations.Location

follow

```
public abstract boolean follow
```

Default:

false