

Package `com.sun.btrace.annotations`

Enum Summary	
Enum	Description
Kind	This enum is specified in the <code>Location</code> annotation to specify probe point kind.
Where	This enum is specified in the <code>Location</code> annotation to specify whether a probe point is after or before specific point of interest.

指定"探测点"是在"感兴趣的特定点"的后面还是前面

Annotation Types Summary	
Annotation Type	Description
BTrace	Top-level annotation that identifies a BTrace class.
DTrace	Annotation for BTrace program to associate a D-script with it.
DTraceRef	Annotation for BTrace program to associate a D-script with it.
Duration	It is used to mark a probe method argument as the receiver of the duration value 标记一个"探测方法参数"作为持续值的接收者 Applicable only for <code>OnMethod</code> annotation with <code>Location</code> value of <code>Kind.RETURN</code> or <code>Kind.ERROR</code>
Export	BTrace fields with this annotation are exposed to out-of-process tools using mechanisms such as <code>jvmsstat</code> .
Location	This annotation specifies a particular "location" within a traced/probed java method for BTrace probe specifications. 在"追踪/探测"的方法中指定一个特定的"位置"
OnError	BTrace method annotated by this annotation is called when any exception is thrown by any of the BTrace action methods.
OnEvent	BTrace methods annotated by this annotation are called when BTrace client sends "event" command.
OnExit	BTrace method annotated by this annotation is called when BTrace "exit(int)" built-in function is called by some other BTrace action method.
OnLowMemory	BTrace methods annotated by this annotation are called when the traced JVM's specified memory pool exceeds specified threshold size.
OnMethod	通过Java类、方法和指定的位置来指定一个"探测点" 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.
OnProbe	通过一个抽象的方式来指定一个"探测点" This annotation is used to specify a BTrace probe point in an abstract fashion instead of specifying the class and the method names.
OnTimer	BTrace methods annotated by this annotation are called when a timer reaches the specified period value.

ProbeClassName	It is used to mark a probe method argument as the receiver of <u>the probe target class name</u> 探测目标类名 Applicable only for OnMethod annotation
ProbeMethodName	It is used to mark a probe method argument as the receiver of <u>the probe target method name</u> 探测目标方法名 Applicable only for OnMethod annotation
Property	BTrace fields with this annotation <u>are exposed as attributes of the dynamic JMX bean</u> that wraps the BTrace class. 代表"返回值"
Return	Marks a method parameter as the one that <u>should contain</u> the return value 代表"this"实例
Self	Marks a method parameter as the one that <u>should contain</u> *this* instance
TargetInstance	It is used to mark a probe method argument as the receiver of <u>called instance</u> in Location = Kind.CALL 调用的实例
TargetMethodOrField	It is used to mark a probe method argument as the receiver of <u>called method name</u> in Location = Kind.CALL 调用的方法名
TLS	Annotation for <u>thread-local BTrace fields</u> .