Package com.sun.btrace.annotations

Enum Summary

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

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 Applicable only for **OnMethod** annotation with **Location** value of **Kind.RETURN** or **Kind.ERROR**
Export	BTrace fields with this annotation are exposed to out-of-process tools using mechanisms such as jvmstat.
Location	This annotation specifies a particular "location" within a traced/probed java method for BTrace probe specifications.
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	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	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 the probe target class name Applicable only for **OnMethod** annotation
ProbeMethodName	It is used to mark a probe method argument as the receiver of the probe target method name Applicable only for **OnMethod** annotation
Property	BTrace fields with this annotation are exposed as attributes of the dynamic JMX bean that wraps the BTrace class.
Return	Marks a method parameter as the one that should contain the return value
Self	Marks a method parameter as the one that should contain *this* instance
TargetInstance	It is used to mark a probe method argument as the receiver of called instance in **Location** = **Kind.CALL**
TargetMethodOrField	It is used to mark a probe method argument as the receiver of called method name in **Location** = **Kind.CALL**
TLS	Annotation for thread-local BTrace fields.