com.sun.btrace

Class BTraceUtils.Reflective

java.lang.Object
    com.sun.btrace.BTraceUtils.Reflective

Enclosing class:

BTraceUtils

```
public static class BTraceUtils.Reflective
extends java.lang.Object
```

Constructor Summary

Constructors
Constructor and Description
Reflective()

Method Summary

All Methods	Static Methods	Concrete Methods

Modifier and Type	Method and Description
static int	**accessFlags**(java.lang.Class clazz) Returns the access flags of the given Class.
static int	**accessFlags**(java.lang.reflect.Field field) Returns the access flags of the given Field.
static java.lang.Class	**classForName**(java.lang.String name) Returns Class object for given class name. " "
static java.lang.Class	**classForName**(java.lang.String name, java.lang.ClassLoader cl) Returns the Class for the given class name using the given class loader.
static java.lang.Class	**classOf**(java.lang.Object obj) " " Returns the runtime class of the given Object.
static java.lang.ClassLoader	**contextClassLoader**() " " Returns the current context class loader
static java.lang.Class	**declaringClass**(java.lang.reflect.Field field) Returns the Class object representing the class or interface that declares the field represented by the given Field object.

static java.lang.reflect.Field	**field**(java.lang.Class clazz, java.lang.String name) Returns a `Field` object that reflects the specified declared field of the class or interface represented by the given `Class` object.
static java.lang.reflect.Field	**field**(java.lang.Class clazz, java.lang.String name, boolean throwException) Returns a `Field` object that reflects the specified declared field of the class or interface represented by the given `Class` object.
static java.lang.reflect.Field	**field**(java.lang.String clazz, java.lang.String name) Returns a `Field` object that reflects the specified declared field of the class or interface represented by the given `Class` object.
static java.lang.reflect.Field	**field**(java.lang.String clazz, java.lang.String name, boolean throwException) Returns a `Field` object that reflects the specified declared field of the class or interface represented by the given `Class` object.
static java.lang.Object	**get**(java.lang.reflect.Field field) Gets the value of a static reference field.
static java.lang.Object	**get**(java.lang.reflect.Field field, java.lang.Object obj) " " Gets the value of an instance reference field.
static boolean	**getBoolean**(java.lang.reflect.Field field) Gets the value of a static `boolean` field.
static boolean	**getBoolean**(java.lang.reflect.Field field, java.lang.Object obj) Gets the value of an instance `boolean` field.
static byte	**getByte**(java.lang.reflect.Field field) Gets the value of a static `byte` field.
static byte	**getByte**(java.lang.reflect.Field field, java.lang.Object obj) Gets the value of an instance `byte` field.
static char	**getChar**(java.lang.reflect.Field field) Gets the value of a static `char` field.
static char	**getChar**(java.lang.reflect.Field field, java.lang.Object obj) Gets the value of an instance `char` field.

static java.lang.Class	**getComponentType**(java.lang.Class clazz) returns component type of an array Class.
static double	**getDouble**(java.lang.reflect.Field field) Gets the value of a static `double` field.
static double	**getDouble**(java.lang.reflect.Field field, java.lang.Object obj) Gets the value of an instance `double` field.
static float	**getFloat**(java.lang.reflect.Field field) Gets the value of a static `float` field.
static float	**getFloat**(java.lang.reflect.Field field, java.lang.Object obj) Gets the value of an instance `float` field.
static int	**getInt**(java.lang.reflect.Field field) Gets the value of a static `int` field.
static int	**getInt**(java.lang.reflect.Field field, java.lang.Object obj) Gets the value of an instance `int` field.
static long	**getLong**(java.lang.reflect.Field field) Gets the value of a static `long` field.
static long	**getLong**(java.lang.reflect.Field field, java.lang.Object obj) Gets the value of an instance `long` field.
static short	**getShort**(java.lang.reflect.Field field) Gets the value of a static `short` field.
static short	**getShort**(java.lang.reflect.Field field, java.lang.Object obj) Gets the value of an instance `short` field.
static java.lang.Class	**getSuperclass**(java.lang.Class clazz) Returns the `Class` representing the superclass of the entity (class, interface, primitive type or void) represented by the given `Class`.
static boolean	**isArray**(java.lang.Class clazz) Determines if the given `Class` object represents an array class.
static boolean	**isAssignableFrom**(java.lang.Class<?> a, java.lang.Class<?> b) Determines if the class or interface represented by the first `Class` object is either the same as, or is a superclass or superinterface of, the class or interface represented by the second `Class` parameter.

static boolean	**isInstance**(java.lang.Class clazz, java.lang.Object obj) Determines if the specified Object is assignment-compatible with the object represented by the specified Class.
static boolean	**isInterface**(java.lang.Class clazz) Determines if the specified Class object represents an interface type.
static boolean	**isPrimitive**(java.lang.Class clazz) Returns whether the given Class represent primitive type or not.
static java.lang.String	**name**(java.lang.Class clazz) Returns the name of the given Class object.
static java.lang.String	**name**(java.lang.reflect.Field field) Returns the name of the Field object.
static void	**printFields**(java.lang.Object obj) Print all instance fields of an object as name-value pairs.
static void	**printFields**(java.lang.Object obj, boolean classNamePrefix) Print all instance fields of an object as name-value pairs.
static void	**printStaticFields**(java.lang.Class clazz) Print all static fields of the class as name-value pairs.
static void	**printStaticFields**(java.lang.Class clazz, boolean classNamePrefix) Print all static fields of the class as name-value pairs.
static java.lang.Class	**type**(java.lang.reflect.Field field) Returns the type of the Field object.

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructor Detail

Reflective

public Reflective()