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1.2 ASM Core 3.3.1

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```
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```

```
* ASM: a very small and fast Java bytecode manipulation framework
```

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```

```
*/
```

```
package org.objectweb.asm;
```

```
/**
```

```
* A visitor to visit a Java annotation. The methods of this interface must be
```

```

* called in the following order: (<tt>visit<tt> | <tt>visitEnum<tt> |
* <tt>visitAnnotation<tt> | <tt>visitArray<tt>)* <tt>visitEnd<tt>.
*
* @author Eric Bruneton
* @author Eugene Kuleshov
*/
public interface AnnotationVisitor {

    /**
     * Visits a primitive value of the annotation.
     *
     * @param name the value name.
     * @param value the actual value, whose type must be { @link Byte },
     *     { @link Boolean }, { @link Character }, { @link Short },
     *     { @link Integer }, { @link Long }, { @link Float }, { @link Double },
     *     { @link String } or { @link Type }. This value can also be an array
     *     of byte, boolean, short, char, int, long, float or double values
     *     (this is equivalent to using { @link #visitArray visitArray } and
     *     visiting each array element in turn, but is more convenient).
     */
    void visit(String name, Object value);

    /**
     * Visits an enumeration value of the annotation.
     *
     * @param name the value name.
     * @param desc the class descriptor of the enumeration class.
     * @param value the actual enumeration value.
     */
    void visitEnum(String name, String desc, String value);

    /**
     * Visits a nested annotation value of the annotation.
     *
     * @param name the value name.
     * @param desc the class descriptor of the nested annotation class.
     * @return a visitor to visit the actual nested annotation value, or
     *     <tt>null</tt> if this visitor is not interested in visiting
     *     this nested annotation. <i>The nested annotation value must be
     *     fully visited before calling other methods on this annotation
     *     visitor</i>.
     */
    AnnotationVisitor visitAnnotation(String name, String desc);

    /**
     * Visits an array value of the annotation. Note that arrays of primitive
     * types (such as byte, boolean, short, char, int, long, float or double)
     * can be passed as value to { @link #visit visit }. This is what

```

```

* {@link ClassReader} does.
*
* @param name the value name.
* @return a visitor to visit the actual array value elements, or
*     <tt>null</tt> if this visitor is not interested in visiting
*     these values. The 'name' parameters passed to the methods of this
*     visitor are ignored. <i>All the array values must be visited
*     before calling other methods on this annotation visitor</i>.
*/
AnnotationVisitor visitArray(String name);

/**
 * Visits the end of the annotation.
 */
void visitEnd();
}

```

1.3 cglib 2.2.2

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1.4 classmate 1.3.1

1.4.1 Available under license :

Java ClassMate library was originally written by Tatu Saloranta (tatu.saloranta@iki.fi)

Other developers who have contributed code are:

* Brian Langel

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1.1

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*
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