

```
Field Detail
SATURATED
public static final int SATURATED

Method Detail
adjustRed
public void adjustRed(int amount)

Specifications:
  requires 0 <= this.red+amount && this.red+amount < 256;
  assignable red;
  ensures this.red == 'old(this.red+amount);

getRed
public int getRed()

Specifications: pure
  ensures 'result == this.red;
```

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JML Annotated Java

```
public class ArrayOps {
    private /* @ spec_public */ Object[] a;

    //@ public invariant 0 < a.length;

    /* @ requires 0 < arr.length;
     * @ ensures this.a == arr;
     */
    public void init(Object[] arr) {
        this.a = arr;
    }
}
```

Warnings

ESC/Java2

Daikon

Data trace file

javadoc

Web pages

jmlunit

Unit tests

jmlc

Class file

Bogor

Model checking

JACK, Jive, Krakatoa,
KeY, LOOP

Correctness proof

XVP