

```
1  /****
2  *
3  * LValue is a specialized Value extension to represent the address-valued
4  * result of evaluating a memory designator. Any variable or designator
5  * expression used in an l-value context is represented as an LValue.
6  *
7  */
8  public class LValue extends Value {
9
10     public LValue(Object val, TypeNode type) {
11         super(val, type);
12     }
13
14     /**
15     * Return the value of this as an integer address. Unfortunately in Java
16     * 1.4.2, this value will still have to be downcast to an int when used as
17     * a memory array index.
18     */
19     public int getVal() {
20         return ((Integer) val).intValue();
21     }
22
23 }
```