

```
1: ::::::::::::::::::::::::::::::
2: jbox.java
3: ::::::::::::::::::::::::::::::
4: 1 // $Id: jbox.java,v 1.3 2012-11-07 18:17:54-08 - - $
5: 2
6: 3 // Java equivalent of the intx example.
7: 4 // For brevity we put all of the classes on one file.
8: 5
9: 6 import static java.lang.System.*;
10: 7
11: 8 class jbox_main {
12: 9     public static void main (String[] args) {
13: 10         jbox box = new jbox_code();
14: 11         out.printf ("box = %s\n", box);
15: 12         box.put (1024);
16: 13         out.printf ("box value is %d\n", box.get());
17: 14     }
18: 15 }
19: 16
20: 17 interface jbox {
21: 18     public int get();
22: 19     public void put (int value);
23: 20 }
24: 21
25: 22 class jbox_code implements jbox {
26: 23     private int value;
27: 24
28: 25     jbox_code() {
29: 26         this (0);
30: 27     }
31: 28
32: 29     jbox_code (int _value) {
33: 30         value = _value;
34: 31     }
35: 32
36: 33     public int get() {
37: 34         return value;
38: 35     }
39: 36
40: 37     public void put (int _value) {
41: 38         value = _value;
42: 39     }
43: 40
44: 41 }
45: 42
```

```
46:
47: ::::::::::::::::::::::::::::::::::::
48: Manifest
49: ::::::::::::::::::::::::::::::::::::::
50:     1  Main-class: jbox_main
51: ::::::::::::::::::::::::::::::::::::::
52: jbox.output
53: ::::::::::::::::::::::::::::::::::::::
54:     1  box = jbox_code@213526b0
55:     2  box value is 1024
56: ::::::::::::::::::::::::::::::::::::::
57: mkjbox
58: ::::::::::::::::::::::::::::::::::::::
59:     1  #!/bin/bash
60:     2  # $Id: mkjbox,v 1.9 2012-11-07 18:30:24-08 - - $
61:     3
62:     4  function catnv() {
63:     5      for arg in $*
64:     6      do
65:     7          if [ "$arg" = "-f" ]
66:     8          then
67:     9              echo -e '\f'
68:    10          else
69:    11              echo ::::::::::::::::::::::::::::::::::::
70:    12              echo $arg
71:    13              echo ::::::::::::::::::::::::::::::::::::::
72:    14              cat -nv $arg
73:    15          fi
74:    16      done
75:    17  }
76:    18
77:    19  cid + $0 jbox.java
78:    20  javac jbox.java
79:    21  echo Main-class: jbox_main >Manifest
80:    22  jar cfm jbox.jar Manifest jbox.class jbox_code.class jbox_main.class
81:    23  chmod +x jbox.jar
82:    24  ./jbox.jar >jbox.output
83:    25
84:    26  catnv jbox.java -f Manifest jbox.output mkjbox >jbox.lis
85:    27  pkill gv
86:    28  mkpspdf Listing.jbox.ps jbox.lis
87:    29  rm Manifest jbox.jar *.class jbox.output jbox.lis
88:    30
```