

```
1 // fo1/7/juno/ListCommand.java
2 //
3 //
4 // Copyright 2003, Bill Campbell and Ethan Bolker
5
6 import java.util.*;
7
8 /**
9  * The Juno shell command to list contents of the current directory.
10  * Usage:
11  * <pre>
12  *     list
13  * </pre>
14  *
15  * @version 7
16  */
17
18 public class ListCommand extends ShellCommand
19 {
20     // The constructor adds this object to the global table.
21
22     ListCommand()
23     {
24         super( "list contents of current directory" );
25     }
26
27     /**
28      * List contents of the current working directory.
29      *
30      * @param args the remainder of the command line.
31      * @param sh   the current shell
32      *
33      * @exception JunoException for reporting errors
34      */
35
36     public void doIt( StringTokenizer args, Shell sh )
37     throws JunoException
38     {
39         Terminal terminal = sh.getConsole();
40         Directory dir     = sh.getDot();
41         String[] fileNames = dir.getFileNames();
42
43         terminal.println( dir.getPathName() );
44         for ( int i = 0; i < fileNames.length; i++ ) {
45             String fileName = fileNames[i];
46             JFile jfile     = dir.retrieveJFile( fileName );
47             terminal.println( jfile.toString() );
48         }
49     }
50 }
```