

```
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  * @version 7
15  */
16
17 public class ListCommand extends ShellCommand
18 {
19     // The constructor adds this object to the global table.
20
21     ListCommand()
22     {
23         super( "list contents of current directory" );
24     }
25
26     /**
27      * List contents of the current working directory.
28      *
29      * @param args the remainder of the command line.
30      * @param sh the current shell
31      *
32      * @exception JunoException for reporting errors
33      */
34
35     public void doIt( StringTokenizer args, Shell sh )
36     throws JunoException
37     {
38         Terminal terminal = sh.getConsole();
39         Directory dir = sh.getDot();
40         String[] fileNames = dir.getFileNames();
41
42         terminal.println( dir.getPathName() );
43         for ( int i = 0; i < fileNames.length; i++ ) {
44             String fileName = fileNames[i];
45             JFile jfile = dir.retrieveJFile( fileName );
46             terminal.println( jfile.toString() );
47         }
48     }
49 }
50
```