

```
1 // foj/6/juno/HelpCommand.java
2 //
3 //
4 // Copyright 2003, Ethan Bolker and Bill Campbell
5
6 import java.util.*;
7
8 /**
9  * The Juno shell command to display help on the shell commands.
10  * Usage:
11  * <pre>
12  *     help
13  * </pre>
14  *
15  * @version 6
16  */
17
18 public class HelpCommand extends ShellCommand
19 {
20     /**
21      * Construct a HelpCommand object.
22      */
23
24     HelpCommand()
25     {
26         super( "display ShellCommands" );
27     }
28
29     /**
30      * Display help for all commands.
31      *
32      * @param args the remainder of the command line.
33      * @param sh the current shell
34      */
35
36     public void dotL( StringTokenizer args, Shell sh )
37     {
38         // Get command keys from global table, print them out,
39         // followed by command's help string.
40
41         sh.getConsole().println( "shell commands" );
42         ShellCommandTable table = sh.getSystem().getCommandTable();
43         String[] names = table.getCommandNames();
44         for (int i = 0; i < names.length; i++) {
45             String cmdname = names[i];
46             ShellCommand cmd = table.lookup( cmdname );
47             sh.getConsole().
48                 println( " " + cmdname + " : " + cmd.getHelpString() );
49         }
50     }
51 }
```