

```
1 // fo1/7/juno/HelpCommand.java
2 //
3 //
4 // Copyright 2003, Bill Campbell and Ethan Bolker
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 7
16  */
17
18 public class HelpCommand extends ShellCommand
19 {
20     HelpCommand()
21     {
22         super( "display ShellCommands" );
23     }
24
25     /**
26      * Print out help for all commands.
27      *
28      * @param args the remainder of the command line.
29      * @param sh the current shell
30      *
31      * @exception JunoException for reporting errors
32      */
33
34     public void doIt( StringTokenizer args, Shell sh )
35     {
36         throws JunoException
37     {
38         // Get command keys from global table, print them out.
39
40         sh.getConsole().println( "shell commands" );
41         ShellCommandTable table = sh.getSystem().getCommandTable();
42         String[] names = table.getCommandNames();
43         for (int i = 0; i < names.length; i++) {
44             String cmdname = names[i];
45             ShellCommand cmd =
46                 (ShellCommand) table.lookup( cmdname );
47             sh.getConsole().
48                 println( " " + cmdname + " : " + cmd.getHelpString() );
49         }
50     }
51 }
```