```
 1  // joi/10/juno/CdCommand.java
 2  //
 3  //
 4  // Copyright 2003, Bill Campbell and Ethan Bolker
 5
 6  import java.util.*;
 7
 8  /**
 9   * The Juno shell command to change directory.
10   * Usage:
11   * <pre>
12   *     cd [directory]
13   * </pre>
14   * for moving to the named directory.
15   *
16   * @version 10
17   */
18
19  class CdCommand extends ShellCommand
20  {
21      CdCommand()
22      {
23          super( "change current directory", "[ directory ]" );
24      }
25
26      /**
27       * Move to the named 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          String dirname = "";
39          Directory d = sh.getUser().getHome(); // default
40          if ( args.hasMoreTokens() ) {
41              dirname = args.nextToken();
42              if (dirname.equals("..")) {
43                  if (sh.getDot().isRoot())
44                      d = sh.getDot(); // no change
45                  else
46                      d = sh.getDot().getParent();
47              }
48              else if (dirname.equals(".")) {
49                  d = sh.getDot(); // no change
50              }
51              else {
52                  d = (Directory)(sh.getDot().retrieveJFile(dirname));
53              }
54          }
55          sh.setDot( d );
56      }
```



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57  }
```