```
 1  // joi/10/juno/TypeCommand.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 the contents of a
10   * text file.
11   * Usage:
12   * <pre>
13   *     type textfile
14   * </pre>
15   *
16   * @version 10
17   */
18
19  public class TypeCommand extends ShellCommand
20  {
21      TypeCommand()
22      {
23          super( "display contents of a TextFile", "textfile" );
24      }
25
26      /**
27       * Display the contents of a TextFile.
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 filename;
39          try {
40              filename = args.nextToken();
41          }
42          catch (NoSuchElementException e) {
43              throw new BadShellCommandException( this );
44          }
45          try {
46              sh.getConsole().println(
47                  ( (TextFile) sh.getDot().
48                    retrieveJFile( filename ) ).getContents() );
49          }
50          catch (NullPointerException e) {
51              throw new JunoException( "JFile does not exist: "
52                                       + filename);
53          }
54          catch (ClassCastException e) {
55              throw new JunoException( "JFile not a text file: "
56                                       + filename);
```



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57          }
58      }
59  }
```