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1 // fo1/10/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 1.0
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                 retrieveFile( 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);
57         }
58     }
59 }
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57     }
58 }
59 }
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